

SCIENTIFIC AND MECHANICAL MUSICAL INSTRUMENTS AND CAMERAS

Tuesday 4 November 2014

Knightsbridge, London



Bonhams



SCIENTIFIC AND MECHANICAL MUSICAL INSTRUMENTS AND CAMERAS

Tuesday 4 November 2014 at 1pm
Knightsbridge, London

BONHAMS

Montpelier Street
Knightsbridge
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bonhams.com

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SALE NUMBER

21933

CATALOGUE

£15

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ILLUSTRATIONS

Font cover: Lot 189
Back cover: Lot 189
Inside front cover: Lot 24
Inside back cover: Lot 220

SYMBOLS KEY:

† VAT 20% on hammer price and buyer's premium

* VAT on imported items at a preferential rate of 5% on hammer price and the prevailing rate on buyer's premium

W These lots will be removed to Bonhams Park Royal Warehouse after the sale. Please read the sale information page for more details.

Y These lots are subject to CITES regulations, please read the information in the back of the catalogue.

IMPORTANT INFORMATION

The United States Government has banned the import of ivory into the USA. Lots containing ivory are indicated by the symbol Φ printed beside the lot number in this catalogue.



Bonhams 1793 Limited

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Montpelier Street, London SW7 1HH

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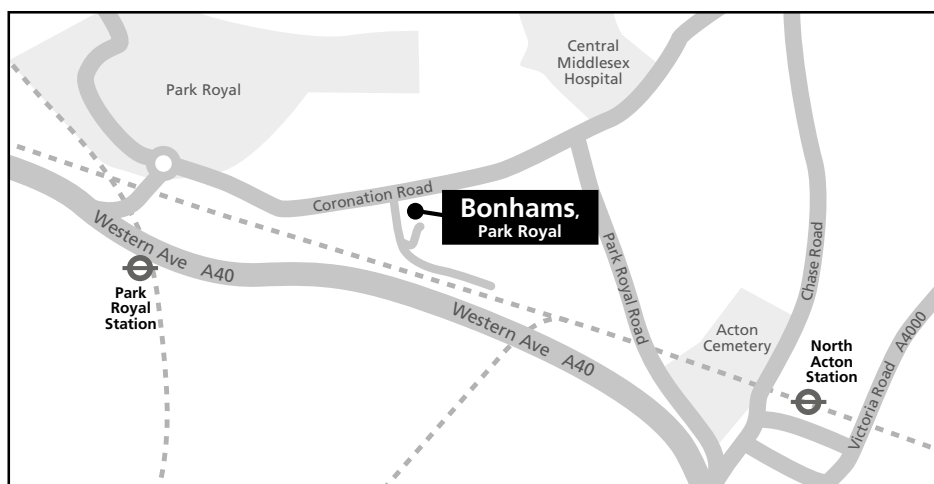
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COLLECTION AND STORAGE AFTER SALE

Sold lots marked with a special
symbol W will be only retained
at Bonhams Knightsbridge until
5pm on the day of the sale. Lots
not collected by then will be
removed to Bonhams Park Royal
Warehouse at

Address:

Unit 1, Sovereign Park
Coronation Road
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London NW10 7QP
Tel: +44 (0) 87 0811 3867
Hours of opening 9.30am to
4.30pm Monday to Friday

All W lots removed to Bonhams
warehouse will be available for
collection as from 9.30am on
Thursday 6 November 2014.
These lots will be subject to
transfer and storage charges if
they are not collected by the end
of Tuesday 11 November 2014.

All other sold lots will remain in
Bonhams Knightsbridge
Collections department until
Tuesday 18 November 2014.
Lots not collected by then will be
removed to Bonhams warehouse.
These lots will also be subject to
transfer and storage charges.
Please refer to the department

Lots may be released from
Bonhams warehouse on
production of the Collection Order
obtained from cashiers office
at Bonhams, Knightsbridge or
New Bond Street and a form of
photographic ID. If a third party is
collecting on behalf of the client,
the client must provide Bonhams
with written authority prior to
collection. The third party must
present a photographic form of ID
when collecting.

HANDLING AND STORAGE CHARGES

Transfer and storage charges
for all W lots removed to the
warehouse will commence on
Wednesday 12 November 2014
and will be applicable to each
working day.

The charges levied by Bonhams
are as follows:

All lots marked with W

Transfer per lot	£35.00
Daily storage per lot	£3.60

All other objects

Transfer per lot	£20.00
Daily storage per lot	£1.90

All the above charges are
exclusive of VAT.

PAYMENT IN ADVANCE

Tel: +44 (0) 20 7447 7447
to ascertain amount due by: cash,
cheque with banker's card, credit
card, bank draft or traveller's
cheque.

PAYMENT AT TIME OF COLLECTION

By credit card / debit card

IMPORTANT NOTICE

A surcharge of 2% is applicable
when using Mastercard, Visa and
overseas debit cards.

CITES REGULATIONS

Please be aware that all Lots
marked with the symbol Y are
subject to CITES regulations when
exporting these items outside the
EU. The regulations may be found
at www.ukcites.gov.uk or may be
requested from:

UK CITES Management Authority
Zone 117
Temple Quay House
2 The Square
Temple Quay
BRISTOL BS1 6EB



1



2

MECHANICAL MUSIC

1

A SYMPHONION MUSICAL MANTEL CLOCK, GERMAN, CIRCA 1905,

playing a single 4 1/2in centre-driven disc, the movement concealed below the domed top of the mantel clock with gilt brass dial, mahogany case and glazed side panels, 11in (28cm) high

£700 - 1,000

€900 - 1,300

2^W

AN E. M. GINN EXPERT JUNIOR GRAMOPHONE, ENGLISH, 1930S,

with two spring "Expert" soundbox, electric motor converted from spring, 12in turntable and chrome fittings, in light oak veneered case, brown papier-mâché horn and alloy mounting bracket from rear centre, diameter of horn aperture, 24in (61cm)

£1,200 - 1,800

€1,500 - 2,300

3

AN 11-INCH POLYPHON DISC MUSICAL BOX, GERMAN, CIRCA 1910,

the centre drive movement playing on single comb, two teeth missing, in walnut veneered case with winding handle and separate box of approximately 50 discs, the case 14 1/2in (37cm) wide

£400 - 600

€510 - 770

4^W

A DAWKINS INTERCHANGEABLE CYLINDER MUSICAL BOX ON STAND, SWISS, LATE 19TH CENTURY,

the mechanism in need of complete restoration, each of the three 27cm cylinders playing eights airs as listed on tune sheet and indicated by pointer, in rosewood veneered case with cast brass carrying handles at the side, a drawer on the base for cylinder storage, on associated stand, 34in (86cm) wide

£1,500 - 2,500

€1,900 - 3,200



3



4



5



8



6



7

5^W

A NICOLE FRERES CYLINDER MUSIC BOX, SWISS, LATE 19TH CENTURY,

no 44867, the 33cm cylinder playing 8 airs as listed on tune sheet, Gamme no 2591, in rosewood veneered case with marquetry inlaid lid, 22ins (66cms) wide

£500 - 800
€640 - 1,000

6^W

A BELLS-AND-DRUM-IN-SIGHT CYLINDER MUSICAL BOX, SWISS, CIRCA 1890,

the 33cm cylinder playing twelve airs as listed on tune sheet and accompanies by six saucer bells with butterfly strikers and snare drum, in rosewood veneered case with lid inlaid with marquetry musical trophy 26in (66cm) wide

£1,000 - 1,500
€1,300 - 1,900

7

AN ALLIEZ & BERGUER KEY-WOUND MANDOLIN CYLINDER MUSICAL BOX, SWISS, MID 19TH CENTURY,

bedplate stamped Alliez & Berguer Geneva, the 33cm cylinder playing eight airs as listed on tune sheet, in rosewood veneered case with marquetry inlaid lid, 20in (51cm) wide

£500 - 700
€640 - 900

8

A DAWKINS "THE VICTORIA" BELLS-IN-SIGHT CYLINDER MUSIC BOX, SWISS/GERMAN, CIRCA 1900,

the 15cm cylinder playing ten airs as listed on tune sheet, accompanied by three saucer bells, mounted in stained wood case with glazed window at the front and arched pediment above inset with small timepiece movement, 26 1/2in (67cm) high

£600 - 1,000
€770 - 1,300



9

9^W

A LARGE AND RARE B. A. BREMMOND ORGAN CYLINDER MUSICAL BOX, SWISS, LATE 19TH CENTURY,

each of the eight 20cm cylinders playing 10 airs on 36 organ reeds as listed on tune sheet and indicated by pointer, the movement with long playing double spring barrels in rosewood veneered case, lid inlaid with pewter, sunburst and marquetry lyre, the front inlaid with marquetry coloured woods and pewter organ facade, together with two pine cases for cylinder storage, the music box case, 30in (76cm) wide

£5,000 - 7,000
€6,400 - 9,000



10

10^W

A BELLS-AND-DRUM-AND-CASTANETS-IN-SIGHT CYLINDER MUSICAL BOX, SWISS, CIRCA 1880,

no. 2629, the 44 cm cylinder playing ten airs as listed on tune sheet, accompanied by six saucer bells struck by two painted plaster Mandarin automaton figures and two wasp strikers, snare drum and castanets, in rosewood veneered case with marquetry inlaid front and lid, cast brass carrying handles at the sides, 29in (74cm) wide

£2,000 - 3,000
€2,600 - 3,800

11^W

A BREMMOND HIDDEN BELLS, DRUM AND CASTANETS CYLINDER MUSIC BOX, SWISS, CIRCA 1870,

the 33cm cylinder playing six airs as listed on tune sheet with percussion mount below the bed plate, in rosewood veneered case with marquetry inlaid lid, 22 1/2in (57cm) wide

£600 - 900
€770 - 1,200



11



12



15



13



14

12

A NICOLE FRERES KEY-WOUND CYLINDER MUSICAL BOX, SWISS, MID 19TH CENTURY,

*signed No 32219, the 27.5cm cylinder playing six airs as listed on tune sheet, *gamme no 1311* on the comb with seven missing teeth in rosewood veneered case, 18in (46cm) wide*

£500 - 800

€640 - 1,000

13^W

A BELLS-AND-DRUM-IN-SIGHT CYLINDER MUSIC BOX, SWISS, LATE 19TH CENTURY,

the 54cm cylinder playing 12 airs as listed on tune sheet, in veneered wood case with marquetry inlaid lid, 32in (81cm) wide

£800 - 1,200

€1,000 - 1,500

14^W

A FINE ORCHESTRALLE CYLINDER MUSIC BOX, SWISS, CIRCA 1880,

41cm cylinder accompanied by 28 organ reeds, snare drum, 6 saucer bells and castanets, the movement with twin spring barrels and with glazed panel painted with alpine lake scene, the lid interior with tune sheet listing 8 airs, in rosewood veneered case with front and lid inlaid with musical trophies, the sides with cast brass carrying handles, 28in (71cm) wide

£4,000 - 6,000

€5,100 - 7,700

15^W

A TWO-PER-TURN MANDOLIN CYLINDER MUSICAL BOX ON STAND, SWISS, LATE 19TH CENTURY,

the 32cm cylinder playing twenty airs as indicated by pointer and listed on tune sheet, in rosewood veneered case with transfer and inlaid decoration, 28in (71cm) wide

£1,000 - 1,500

€1,300 - 1,900



16

16

A NICOLE FRERES TWO-PER-TURN KEY-WOUND CYLINDER MUSIC BOX, SWISS, MID 19TH CENTURY,

no. 33511, 31cm cylinder playing 12 airs as listed on tune sheet, Gamme no 1212, in rosewood veneered case with marquetry inlaid lid, 20in (51cm) wide

£1,200 - 1,800

€1,500 - 2,300

17

A NICOLE FRERES TWO-PER-TURN CYLINDER MUSIC BOX, SWISS, CIRCA 1870,

no. 41053, the 24cm cylinder playing 10 airs as listed on tune sheet, Gamme no 285, in rosewood veneered case with marquetry inlaid lid, 18in (46cm) wide

£800 - 1,200

€1,000 - 1,500

18^W

A MANDOLIN CYLINDER MUSIC BOX, SWISS, CIRCA 1870,

the 33cm cylinder playing 6 airs as listed on brass tune sheet, in rosewood veneered case with marquetry inlaid lid, 23 1/2in (60cm) wide

£600 - 800

€770 - 1,000

19

A LECOULTRE CYLINDER MUSIC BOX, SWISS, MID 19TH CENTURY

the 33cms cylinder playing six airs as listed on original tune sheet in veneered oak case approx 15 ins (38cms)wide

£500 - 800

€640 - 1,000



17



18



19



21



22



20

20*

A RARE BREGUET GILT METAL SINGING BIRD BOX, SWISS, MID 20TH CENTURY

signed Breguet No 4129, the bird with beak, wing & tail movements, missing one eye, with multi-coloured feathers, when activated the bird rises through a gilt grille with pierced and engraved scroll decoration, the bird rotates on its axis, its beak and wings moving in time with its song, with opening and closing draw connected to the movement, the box of rectangular form with canted corners engraved with ribboned husks, the lid exterior with engraved ribboned basket with flowers, the box top with engraved ribboned garlands on a matted ground, start/stop slide to the front, the slide with husk decoration, the sides with flower garland decoration, ribboned husks to the top and bottom, with original ratchet key, the singing bird box 4 1/8in (10.5cm) wide

£15,000 - 20,000

€19,000 - 26,000

For a similar box see Christie's sale 1380, lot 281 (Geneva, 16 May 2011)

21

A LECOULTRE KEY-WOUND CYLINDER MUSIC BOX, SWISS, MID 19TH CENTURY,

the 33cm cylinder playing 8 airs as listed on tune sheet in sun-bleached veneered wood case, 20in (51cm) wide

£500 - 800

€640 - 1,000

22

AN UNUSUAL GILT BRASS MUSICAL TIMEPIECE, SWISS, LATE 19TH CENTURY,

the 7cm cylinder playing two airs on single comb, in gilt brass case with lid engraved with birds among leafy branches and inset with white enamel timepiece face, winding aperture and musical movement control levers at the sides and timepiece control and winder at the rear, in original velvet lined case with key, the timepiece 4 3/4in (12cm) wide

£1,000 - 1,500

€1,300 - 1,900

23

A CYLINDER MUSICAL BOX, SWISS, LATE 19TH CENTURY,

the 15cm cylinder playing six airs, in rosewood veneered case with marquetry inlaid lid, 17in (43cm) wide

£300 - 400

€380 - 510



24

24

A CHARLES BRUGUIER SILVER AND ENAMEL SINGING BIRD BOX SWISS, CIRCA 1830,

signed C Bruguier a Geneve and numbered 561 on movement, case and lid, the brightly feathered bird with head, beak, wings and tail movements, the lid interior enamelled with bouquet of flowers and exterior with swan and lake scene, the box top with engraved silver scrolls inset with panels of flowers on a light blue ground, start/stop slide to the front, the sides with acanthus leaf and scroll decoration and base with engine turned and engraved decoration, the back with hinged compartment with later key 3 1/2in (9cm) wide

£15,000 - 20,000

€19,000 - 26,000

25

A GILT BRASS MUSICAL MANTEL CLOCK, FRENCH & SWISS, CIRCA 1830,

the quarter striking two train movement with white enamel dial signed Robert, in gilt brass case flanked by a figure of cupid and flaming torch above rectangular base on ebonised wood case with cylinder musical movement, 8.8cm cylinder playing four airs on sectional comb with teeth mounted in pairs in V-shape, the front with start stop and change levers, overall dimensions, 12 1/2 x 10in (32 x 25.5cm)

£900 - 1,200

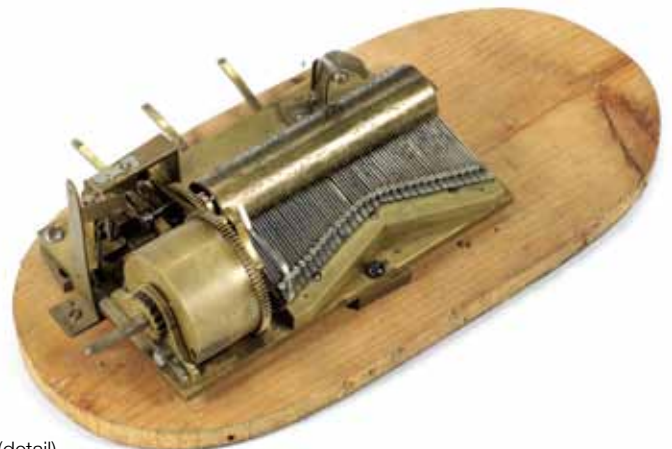
€1,200 - 1,500



24



25



25 (detail)



26

26

A LATE 19TH/EARLY 20TH CENTURY VIENNESE ENAMELLED, GILT METAL AND EBONISED MUSICAL TABLE CABINET

In the form of a cabinet organ, with arched pediment set with an enamelled panel depicting Leda and the Swan, the front with a pair of gilt metal doors and simulated organ pipes opening to reveal two drawers set with enamelled landscape panels, the sides and back set with panels depicting deities in pastoral scenes separated by gilt metal term pilasters, a single drawer below with similar enamel panels, raised on four compressed and annulated ball feet, the base housing a cylinder musical movement with 3.5cm cylinder playing a single air

£1,000 - 1,500

€1,300 - 1,900

Provenance: From the collection of Bernard Nadal Baker (11 May 1854 – 20 December 1918) and thence by descent.

Baker was a transatlantic shipping magnate from Baltimore, Maryland, USA. Descended from generations of wealthy Baltimore merchants and glass manufacturers, he realised the need for an American-owned transatlantic shipping company and established the Atlantic Transport Line (A.T.L.), shipping freight and livestock from Baltimore and Philadelphia. Baker quickly became the second-largest American steamship operator and, in 1892, he initiated the exclusively first class direct London to New York passenger service for which the A.T.L. became famous.

Baker had gained an international reputation as an authority on shipping and was consulted by the U.S. Government on the Panama Canal and was one of the five members of the United States Shipping Board during World War I.

In 1889, Baker built the 49 room Georgian mansion "Ingleside" in Catonsville, Maryland. He established a sizable collection with an emphasis on fine clocks and watches. A chair in chemistry at Johns Hopkins University and a World War II Baltimore-built Liberty Ship were named after him.

27

A SILVER AND BLUE ENAMEL SINGING BIRD BOX, GERMAN, EARLY 20TH CENTURY,

the feathered bird automaton with flapping wings and moving beak, in German silver case acanthus leaf and mask decoration, a band of blue enamel inset around the sides, 4 1/2in (11cm) wide

£1,500 - 2,000

€1,900 - 2,600



27

28



29



30



CAMERAS

28*

LEICAFLEX SL2 50TH ANNIVERSARY, 1975,

no. 1418700, commemorative no. 007-C, chrome, the top plate engraved 50 Jahre, with body cap

£400 - 600

€510 - 770

1750 commemorative SL2 cameras were made in 1975 to celebrate the fiftieth anniversary of the first production Leica camera.

29*

LEICA IIIIf, 1950-51,

no. 525025, black-scale, with a Summar 5cm f/2 lens no. 525702

£250 - 350

€320 - 450

30*

LEICA III, 1938,

no. 269370, chrome, with an Elmar 5c. f/3.5 lens no. 393319

£150 - 200

€190 - 260

31*

LEICA I(C) STANDARD, 1934,

no. 147415, black, nickel-fittings, with a 'bell-push' nickel Elmar f/3.5 50mm lens no. 127652 and shortbase black rangefinder scaled in feet to 2' 6"

£300 - 500

€380 - 640

32*

LEICA IIIA, 1935,

no. 157486, black, nickel-fittings, with a nickel Summar 5cm. f/2 lens no. 257093

£250 - 350

€320 - 450

31



32





34



35



36



37



33

33*

LEICA I(A), CIRCA 1926-27,

no. 3390, black, low-profile film advance, with an Elmar f/3.5 50mm lens and a small-dial rangefinder scaled in feet

£800 - 1,200

€1,000 - 1,500

34*

LEICA IIIA, CIRCA 1948-50,

no. 359264, chrome, faux shark-skin body covering, the top plate engraved Monté en Sarre, the back with transfer J. De Bock, Lumina-Photo, Lille, with a chrome Elmar 5cm f/3.5 lens no. 574976

£600 - 800

€770 - 1,000

35*

LEICA I(C), 1930,

no. 40023, black, unstandardized, nickel-fittings, the viewfinder with pivoting mask, with a matched nickel Elmar 5cm f/3.5 lens, the barrel engraved 023

£300 - 500

€380 - 640

36*

LEICAFLEX SL OLYMPIC, 1972,

no. 1335706, commemorative no. 945, chrome, the top plate engraved with the Olympic rings 72, with a Summicron-R f/2 50mm lens no. 2178945

£500 - 800

€640 - 1,000

37*

UR-LEICA REPLICA, CIRCA 1980,

*black, the top plate engraved *Nachbildung der Ur-Leica*, with lens*

£300 - 500

€380 - 640



38

38*

LEICA NULL-SERIES REPLICA, 2000,

no. 2677230, black, with an Anastigmat f/3.5 50mm lens and cap

£1,000 - 1,500

€1,300 - 1,900

39*

LEICA IG, 1958,

no. 925274, chrome, lacks slow speeds, covered synchronisation socket

£700 - 900

€900 - 1,200

40*

LEICA IIIG, 1957,

no. 880936, chrome, with an Elmar 9cm f/4 lens no. 1700858

£1,000 - 1,500

€1,300 - 1,900

41*

LEICA IIIF CONVERTED TO IIIG, CIRCA 1946-58,

no. 416929, black, lacks delayed-timer, with a Leitz New York/ Wollensak Velostigmat 50mm f/3.5 lens no. 499488

£600 - 900

€770 - 1,200

This camera appears to be a Leica IIIf which has been converted to a IIIG specification other than for the delayed timer.

42*

LEICA IIIC, CIRCA 1942,

no. 371549, chrome, red shutter blinds

£400 - 600

€510 - 770



39



40



41



42

44



43



43*

LEICA IIIC, CIRCA 1941-42,*no. 388535, grey-painted, with a Summar 5cm f/2 lens no. 562244***£1,200 - 1,800****€1,500 - 2,300**

45



44*

LEICA III, 1935,*no. 166486, black, nickel-fittings, with a chrome Summar 5cm f/2 lens no. 285264 and Leitz delayed-release***£250 - 350****€320 - 450**

45*

LEICA I(C), 1930,*no. 47306, black, nickel-fittings, with a Hektor f/2.5 50mm lens***£1,000 - 1,500****€1,300 - 1,900**

46



46*

LEICA IIIA, 1937,*no. 261655, chrome***£180 - 250****€230 - 320**

47*

LEICA I(C), 1930,*no. 52420, black, non-standardised, nickel-fittings, lacks viewfinder mask, with a non-standardised Elmar f/3.5 50mm lens, the barrel engraved 733***£250 - 350****€320 - 450**

47



48



48*

LEICA M4, 1974,

no. 1382330, black, the top plate engraved Ernst Leitz Canada Ltd. Midland, Ontario, with a Canada Summicron f/2 35mm lens no. 2461902 and lens hood

£1,000 - 1,500

€1,300 - 1,900

49*

LEICA IIIC, 1950-51,

no. 524834, chrome, with a Summitar 5cm f/2 lens no. 980071

£250 - 350

€320 - 450

50*

LEICA R3 SAFARI, 1977-78,

no. 1482515, commemorative no. A657, green-body, with a green Summicron-R f/2 50mm lens no. 2879806

£400 - 600

€510 - 770

51*

LEICA IIIC, CIRCA 1940,

no. 361211, chrome, the top plate engraved N-L, with a Summitar 5cm f/2 lens no. 528084

£300 - 500

€380 - 640

52*

LEICA IIIB, 1939,

no. 331697, chrome, with a Leica-Motor no. 1755 and actuating arm, and a Summitar 5cm f/2 lens no. 529172

£1,000 - 1,500

€1,300 - 1,900

49



50



51



52



54



53



55



53

LEICA I(A), 1928,

no. 8616, black, dimpled shutter-release, with an Elmar f/3.5 50mm lens

£1,000 - 1,500

€1,300 - 1,900

54*

LEICA IIIA, 1935,

no. 157442, black, nickel-fittings, with a nickel Elmar f/3.5 50mm lens, un-numbered

£300 - 500

€380 - 640

55*

LEICA IIF, 1951-52,

no. 571577, chrome, black-scale, with an Elmar 5cm f/3.5 lens no. 639900

£200 - 300

€260 - 380

56*

LEICA III, 1934,

no. 126459, black, nickel-fittings, with an Elmar f/3.5 50mm lens un-numbered

£280 - 350

€360 - 450

57*

LEICA IIIB, 1939-40,

no. 335002, chrome, with a Summitar 5cm f/2 lens no. 487950

£250 - 350

€320 - 450

57





58

58*

LEICA IIIIf, 1953,

no. 864779, chrome, red-scale, delayed-timer, the top plate engraved Ernst Leitz Canada Limited Midland, Ontario, with a Summicron 5cm f/2 lens no. 1096376

£1,200 - 1,800
€1,500 - 2,300



59

59*

LEICAFLEX, 1964-65,

no. 1081944, chrome, with a Summicron-R f/2 50mm lens no. 1940787 and lens hood

£300 - 500
€380 - 640



60

60*

LEICA STANDARD, 1947-48,

no. 355086, chrome, covered slow-speed dial, with a Leitz New York/Wollensak Velostigmat 50mm f/3.5 lens no. 510116

£280 - 350
€360 - 450



61

61*

LEICA I(A), 1929,

no. 21369, black, with an Elmar f/3.5 50mm lens

£400 - 600
€510 - 770

62*

LEICA II, 1933,

no. 108823, chrome, with a chrome Summar 5cm f/2 lens no. 217451

£250 - 350
€320 - 450



62



63

63*
LEICA 1(B), 1930,
no. 34772, black, with an Elmar f/3.5 50mm lens set in a Compur rimset shutter

£2,000 - 3,000
 €2,600 - 3,800

64*
LEICA IC, 1950-51,
no. 521408, chrome, with a SBOOI 5cm optical finder

£180 - 250
 €230 - 320

65*
ZORKI, CIRCA 1960,
no. 55203995, USSR, chrome, with a f/3.5 50mm lens no. 5488469

£60 - 90
 €80 - 120



66

66*
LEICA MD POST, CIRCA 1963-66,
un-numbered, chrome, with a Summaron f/2.8 35mm lens no. 2007112

£800 - 1,200
 €1,000 - 1,500

67*
LEOTAX, CIRCA 1952,
no. 305778, Leotax Camera Co. Ltd., Japan, chrome

£200 - 300
 €260 - 380

68*
LEICA II, 1948,
no. 358625, chrome, covered slow-speed plate

£200 - 300
 €260 - 380



69

69*

LEICA IIIF, 1952-53,

no. 627611, chrome, red-scale, with a Summar 5cm f/2 lens no. 528122

£200 - 300

€260 - 380

70*

LEICA IIIB, 1939-40,

no. 347469, chrome, the top-plate engraved Heer and with inset synchronisation plug, with a Summar 5cm. f/2 lens no. 445099, the barrel engraved Heer

£1,200 - 1,800

€1,500 - 2,300

71*

LEICA IIIA, 1939,

no. 338010, chrome, with a Summar 5cm f/2 lens no. 353513

£150 - 200

€190 - 260

72*

LEICA III, CIRCA 1939,

no. 337089, chrome, with a Summar 5cm f/2 lens no. 352932

£180 - 250

€230 - 320

73*

LEICA II, 1932,

no. 93148, black, nickel, with a chrome Elmar 5cm f/3.5 lens no. 502667

£280 - 350

€360 - 450



70



70



71



73

75



75



74



74*

LEICA I(C), 1930,

no. 46599, black, nickel, the viewfinder with pivoting mask, and a matched Elmar f/3.5 50mm lens, the barrel engraved 599, and a chrome large-dial rangefinder scaled in metres

£800 - 1,200

€1,000 - 1,500

75

LEICA IIIC, 1941,

no. 369273, chrome, the top plate engraved FI No. 38079 and Luftwaffen-Eigentum, with a Summar 5cm f/2 lens no. 563999, the barrel engraved Luftwaffen-Eigentum

£1,800 - 2,500

€2,300 - 3,200

76*

LEICA IF, 1952-53,

no. 578758, chrome, red-scale, with a Summaron 3.5cm f/3.5 lens no. 776859 and a 3.5cm optical finder

£300 - 500

€380 - 640

77*

LEICAFLEX, 1967,

no. 1168548, black, with a Summicron-R f/2 50mm lens no. 2204956

£600 - 900

€770 - 1,200

76



77





78



79



80

78*

LEICA 11, 1937,

no. 251224, black, chrome, with a chrome and black Elmar 9cm f/4 lens no. 372307

£200 - 300

€260 - 380

79*

LEICA I(A), 1930,

no. 40068, black, nickel, with an Elmar f/3.5 50mm lens

£800 - 1,200

€1,000 - 1,500

80*

LEICA SCREW-FIT LENSES, CIRCA 1930-2000,

eight screw-fit lenses comprising - a matched Elmar f/4.5 135mm, the barrel engraved 022; an Elmar 3.5cm f/3.5 *no. 171500*; a Velostigmat Series II 90mm f/4.5 *no. 472816*; a Velostigmat Series II 127mm f/4.5 *no. 457831*; a Color-Heliar 75mm f/2.5; a MC 50mm f/2.8; a Canon 135mm f/3.5 *no. 66464*; a Soligor Telephoto f/4 105mm; lenshoods and a Voigtlander 15mm finder (qty)

£300 - 500

€380 - 640

81*

LEICAFLEX, 1967,

no. 1171853, chrome, with a Canada Sumicron-R f/2 35mm lens no. 2465558

£280 - 350

€360 - 450



81



82

82*

RANGEFINDERS AND FINDERS, CIRCA 1925-1960,

including a WINTU right-angle finder, VIDOM, waist-level finder, FOKOS and others (11)

£300 - 500

€380 - 640

83*

LEICA ACCESSORIES, CIRCA 1930-1950,

including a Single Exposure device with a matched Elmar f/3.5 35mm lens, the barrel engraved 280 with shutter; a FARUX panoramic head; a DOOLU bubble level; a 13352 Polarising filter; a POOCI filter; a Leica Winder M4-2; a left-handed release (qty)

£300 - 500

€380 - 640

84

LEICA IIIB, CIRCA 1938,

no. 240580 with 5cm Xenon no. 299882 and 3.5cm Summerson no. 12484963 and 35mm Hektor f/4.5 lens, no. 1269164, in leather case together with a Leica 8SV 8mm movie camera and a dark room timer

£500 - 700

€640 - 900

85

LEICA M3, 1956,

No. 841320, chrome, double-stroke, with a Summicron 5cm f/2 lens no. 1351681 and lens hood, in ever ready case

£500 - 800

€640 - 1,000

85



86

LEICA R4, 1983

no. 1607267, with 50 mm f/2 Summicron, no. 3098377, and 28mm 2.8 Elmarit no. 2828487, and 90mm 2.8 Elmarit no. 2171191 and 135mm 2.8 Elmarit no. 219361 (qty)

£300 - 500

€380 - 640

87*

FILM MAGAZINE, CIRCA 1965,

35mm, grey-hammered finish

£60 - 90

€80 - 120

88

LEICA IIIG 1957,

no. 889419, with 5cm 2.8 Elmar no. 1617167 and various accessories, in leather case (qty)

£500 - 650

€640 - 830

89*

LEICA IIIC, 1948,

no. 477581, chrome, faux shark-skin body covering, with a Summitar 5cm f/2 lens no. 522285, release and viewfinder

£250 - 350

€320 - 450



90



90

90

LINHOF 6 BY 17CM TECHNORAMA CAMERA,

no. 748110 with Super Angulon 9cm f/5.6 lens, lens no. 13916202, in carrying case

£2,500 - 3,000

€3,200 - 3,800

91*

LEICA IIC, 1948-51,

no. 441023, chrome, faux shark-skin body covering, with a Summitar 5cm f/2 lens no. 610477

£150 - 200

€190 - 260

92^w

A J. LIZARDS MAHOGANY AND BRASS BIUNIAL MAGIC LANTERN, CIRCA 1880,

now with just a single lens unit with rack and pinion focusing, electric illuminant, two hinged doors at either side and black painted metal chimney, 25in (64cm) high

£600 - 1,000

€770 - 1,300

93*

LEICA CAMERA CASES, CIRCA 1925-1960,

a group of camera ever ready cases for screw and M-series cameras (qty)

£50 - 100

€60 - 130



92



95



94



96

TECHNICAL INSTRUMENTS

94

TWO CALCULATORS, EARLY 20TH CENTURY,

comprising a Fuller cylindrical slide rule with bakerlite mounts, stand and mahogany case, 18in (46cm) long; and a Philip H Fletcher Cubic Calculator with brass weight and measuring platform together with dial in mahogany casing, 10in (25.5cm) wide (2)

£400 - 600

€510 - 770

95

A NEMA TD 385 CIPHER MACHINE, SWISS, THIRD QUARTER OF THE 20TH CENTURY,

the 10 wheel cipher machine used by the Swiss Army and Diplomatic Corp, complete with standard keyboard, corresponding light-up displays, remote display, spare bulbs and wiring, in painted metal case, 12 1/2in (32cm) wide

£3,000 - 5,000

€3,800 - 6,400

The NEMA was first deployed in 1947 and shared many features with the commercial Enigma, including the lack of a plugboard, but used 5 rotors for enciphering the alphabet and 5 paired rotors to give irregular stepping of the rotors. This corrected a major vulnerability of the odometer style stepping of the Enigma machine. Only 640 of these devices were made, which were discontinued in 1975 after the British success in deciphering the Enigma during World War II was made public.

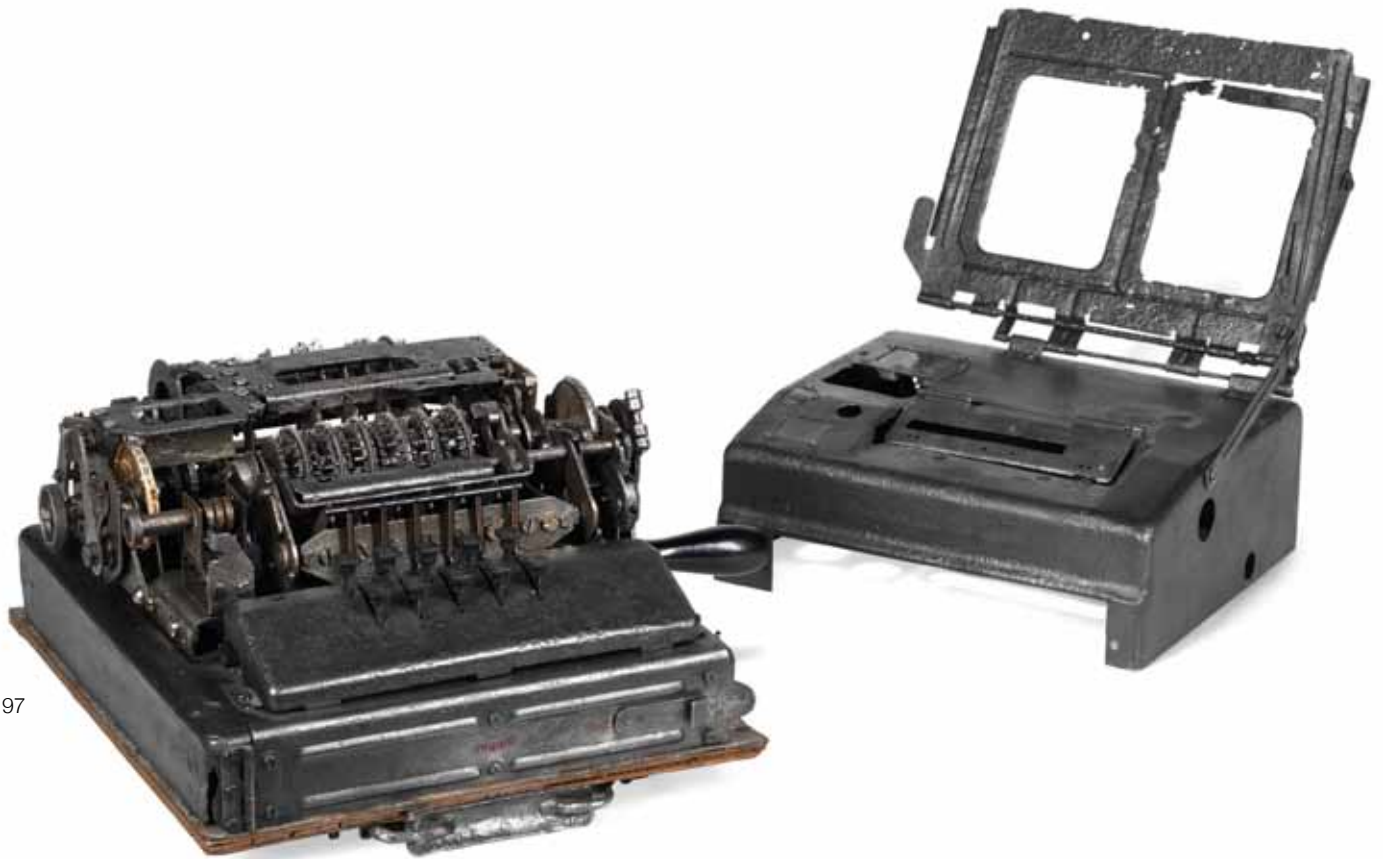
96

AN ARMY SIGNAL CORPS M-209-B CODE CONVERTER, AMERICAN,

serial no. 22964, consisting of 6 key wheels, drum, setting knob, these below metal inner lid, the whole contained within outer metal cover, under the lid of which is contained a paper roll and oil can 7in (18cm) wide

£500 - 700

€640 - 900



97

97

A VERY RARE SG-41 "SCHLUSSELGERAT" CODING MACHINE, GERMAN, CIRCA 1944,

this heavily corroded and numerical-only version with ten keys, operating lever, six pin wheels and paper reel in compartment in the base, 10in (25.5cm) wide

£20,000 - 30,000

€26,000 - 38,000

The SG-41 is a mechanical pin-wheel cipher machine that was developed during World War II by Fritz Menzer as a possible replacement for the Enigma machine. It was made by the leading typewriter manufacturers, Wanderer Werke in Chemnitz and although 11,000 machines were ordered, less than 2,000 were actually delivered by the end of the war.

Due to the corrosion evident in this example, it might well have been retrieved from the sea.

98

A CURTA CALCULATOR TYPE II LIECHTENSTEIN, MID 20TH CENTURY,

no. 545518, in black plastic drum case with lid and three associated Curta booklets, in original numbered cardboard box (5)

£300 - 500

€380 - 640

99

A CURTA CALCULATOR TYPE II LIECHTENSTEIN, MID 20TH CENTURY,

no. 533233, in original drum casing with lid, set of printed instructions and card outer case

£300 - 500

€380 - 640



99



100

SCIENTIFIC INSTRUMENTS

100

A C. STAUDINGER TRAVELLING STICK BAROMETER, GERMAN, LATE 19TH CENTURY

signed C Staudinger in Giessen, with two silvered scales, vernier adjustment at rack and pinion, mercury thermometer, in mahogany case with original outer travelling case, 40in (101cm) high

£400 - 600
€510 - 770

101

A CASELLA BAROGRAPH, ENGLISH, 20TH CENTURY,

the clockwork mechanism with vacuum chamber mounted in glazed mahogany case; together with an Ernst Plank toy magic lantern in original box, the larger 12in (30.5cm) wide

£300 - 400
€380 - 510



102



102

A NEGRETTI & ZAMBRA STICK BAROMETER, ENGLISH, 20TH CENTURY,

no. 3073, the brass casing with rack and pinion adjustment to the silvered vernier scale, on mahogany wall plaque, 45in (114cm) high

£250 - 350
€320 - 450

103

A LARGE BORE STICK BAROMETER, ENGLISH, 20TH CENTURY,

no. 8620 the black enamelled casing mounted with mercury thermometer and with rack and pinion adjustment to the silvered vernier scale, on mahogany wall plaque, 47in (119cm) high

£600 - 800
€770 - 1,000





104

104

COMPASSES AND ACCESSORIES, ENGLISH, LATE 19TH CENTURY,

including a small boat compass in gimbals and oak case, a pocket compass in brass case, a pivoted compass needle on stand and a pair of bar magnets in mahogany case, the larger 12 1/2in (32cm) long (4)

£250 - 350

€320 - 450

105

A JOHN BROWNING SPECTROSCOPE, CIRCA 1900,

signed John Browning London, the four brass component parts in fitted mahogany case, 7in (18cm) wide

£250 - 350

€320 - 450

106^W

A COLLECTION OF SPECTROGRAPH PLATES, 20TH CENTURY,

the glass photographic plates mounted in contemporary case with indexes applied to the inner doors, approximately 36in (91cm) when closed

£400 - 600

€510 - 770

107^W

A W. GROVES LARGE RESISTANCE BRIDGE, ENGLISH, CIRCA 1900,

the oak case fitted with brass mounted mahogany and boxwood elements, 45in (114cm) wide

£250 - 350

€320 - 450

108

A CARL ZEISS REFRACTOMETER, GERMAN, 20TH CENTURY,

complete with silver scale and magnifier, eyepiece and rotating objective, on anodised stand with reflector, in case 11in (28cm) high

£300 - 500

€380 - 640



105



106



107



110



109

109

A F. HILLENHAGAN SILK THREAD TESTER, GERMAN, MID 19TH CENTURY,

the mahogany case fitted with hand cranked mechanism for increasing the tension on a silk thread in brass case, with two numerical displays and winding handle at the side, 32in (81cm) wide

£250 - 350

€320 - 450

110

TWO BRASS ELLIOTT BROS GALVANOMETERS, ENGLISH, CIRCA 1900,

each in fitted leather case with brass terminals, 3 1/2 in (9cm) diameter (2)

£250 - 350

€320 - 450

111

CROOKES TUBES, EARLY 20TH CENTURY,

comprising six tubes mounted vertically on oak stand and two mounted horizontally on wooden stands, the larger, 12in (30.5cm) wide (3)

£300 - 400

€380 - 510

112

THREE DIP CIRCLES, CIRCA 1900,

one by George & Becker Ltd, another by Phillip Harris & Co Ltd and third on mahogany base, the larger 8in (20cm) high

£250 - 350

€320 - 450

113

A G. CUSSONS LTD ARCHITECTURAL MODEL, ENGLISH, EARLY 20TH CENTURY,

the wooden model demonstrating brickwork and supporting oak beams, 9in (20cm) wide

£200 - 300

€260 - 380



111



112



113



114

114

A GALVANOMETER, MAGNETOMETER AND LARGE COIL, ENGLISH, 20TH CENTURY,

comprising a Griffin large coil galvanometer with a mahogany base, three brass terminals on adjustable feet, a large Philip Harris copper coil and a mahogany and boxwood magnetometer 14in (36cm) high (3)

£300 - 500

€380 - 640

115

A COLLECTION OF FIVE VARIOUS LAMPS, VALVES AND RECTIFIERS

including a GGP filament on stand and other makers and designs, the largest 22in (56cm) high (5)

£250 - 350

€320 - 450

116

A BRASS AND MAHOGANY VACUUM PUMP, AUSTRIAN, LATE 19TH CENTURY,

complete with hand cranked vacuum pump, pressure gauge, circular platform and glass bell jar, on mahogany base, 17 1/2in (44.5cm) long

£500 - 700

€640 - 900

117

A SIEMENS & HALSKE ELECTRIC BRIDGE, GERMAN, LATE 19TH CENTURY,

complete with large brass cased galvanometer, various brass terminals and switches, on mahogany baseboard, 17in (43cm) wide

£300 - 500

€380 - 640

118

TWO GALVANOMETERS AND A THERMOPILE, ENGLISH, EARLY 20TH CENTURY,

comprising two deflection galvanometers under glass domes and on mahogany bases and a Philip Harris brass thermopile on iron base, the largest 14 1/2in (17cm) high (3)

£300 - 400

€380 - 510



115



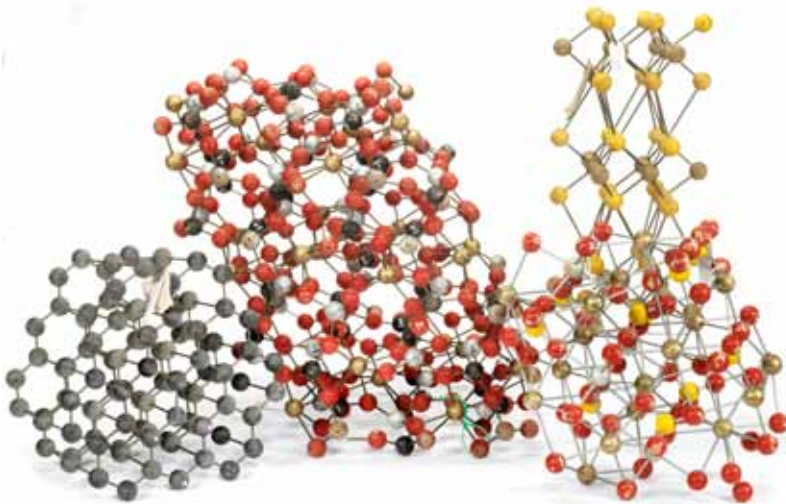
116



117



118



119

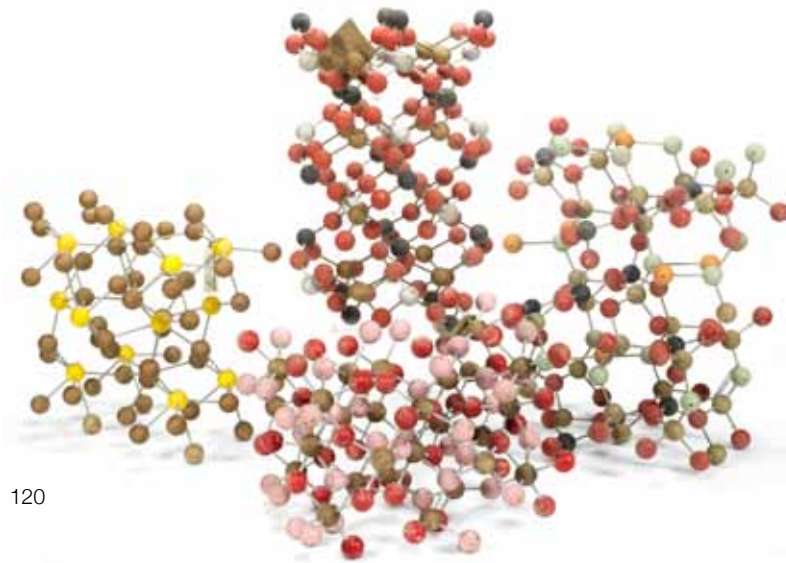
119^W

FOUR ATOMIC MINERAL MODELS, ENGLISH, 20TH CENTURY,

the largest 22in (56cm) high (4)

£300 - 400

€380 - 510



120

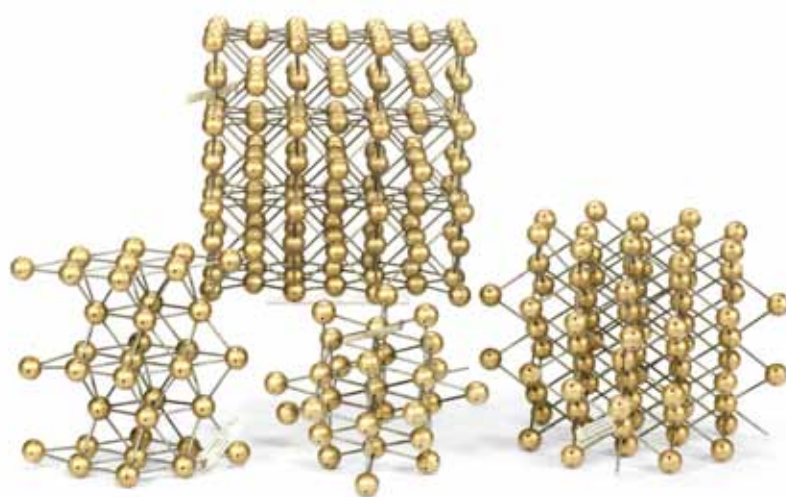
120^W

FOUR ATOMIC MINERAL MODELS, ENGLISH, 20TH CENTURY,

made by CLS of Cambridge, in turned and painted wood and metal, the largest 14in (36cm) high (4)

£300 - 500

€380 - 640



121

121^W

FOUR CRYSTAL ATOMIC STRUCTURES, ENGLISH, 20TH CENTURY,

made by Crystal Structures Ltd of Cambridge in painted wood and steel, the largest 12in (30.5cm) high (4)

£250 - 350

€320 - 450

122

A COLLECTION OF BAROMETERS AND THERMOMETERS, 19TH CENTURY,

including a Chadburn's pocket barometer, compass and thermometer in leather case, a Hazebroucq centigrade thermometer in rosewood case, two glass thermometers and a Regn Schon barometer and compass in case (5)

£300 - 400

€380 - 510

123



123

A RARE ADAMS PATENT PAIR OF SILVER SPECTACLES, LONDON, HALLMARKED 1797,

signed Adams Patent, with folding frame and hinged lenses

£800 - 1,200
€1,000 - 1,500

Dudley Adams took out a patent in 1797 for spectacles “designed to relieve the temples and nose from pressure and also provide several adjustments to the lens holders. The latter can be raised or lowered, rotated and their separation varied, allowing thereby suitable adjustment for any person”.

See: Millburn, John. Adams of Fleet Street, Instrument Maker to King George III. p281 and 284.

124^Y

FOURTEEN PAIRS OF SPECTACLES, LATE 18TH AND 19TH CENTURY,

including two with hallmarked silver frames, a pair of horn-rimmed steel spectacles and three pairs with tortoiseshell frames (14)

£300 - 400
€380 - 510

125^Y

A COLLECTION OF NINE LORGNETTES, 1850-1900,

including one with rolled gold frame and tortoiseshell handle, a single lens silver quizzer, a silver lorgnette with hinged lenses and tortoiseshell guard (9)

£300 - 400
€380 - 510

126

FIVE PAIRS OF SPECTACLES, LATE 18TH AND EARLY 19TH CENTURY,

two with silver frames, three with steel frames, one with horn rims and folding sides (5)

£300 - 400
€380 - 510

127

A COLLECTION OF SIXTEEN SPECTACLES, 1800-1900,

including a pair of Chinese spectacles with lacquered wood frames, one with frames hallmarked silver 1801, another hallmarked silver 1814, horn-rimmed glasses, a pair of German silver extending spectacles and a pair of silver spectacles, hallmarked 1822 with hinged reading lenses and green glass distance lenses (qty)

£300 - 400
€380 - 510

128^Y

A COLLECTION OF APPROXIMATELY THIRTY SPECTACLES AND FRAMES 1850-1910,

including a pair of stonebreaker's goggles, a pair of German silver-framed spectacles in shaped wooden case, and other spectacles in steel, tortoiseshell and composition frames (qty)

£250 - 350
€320 - 450



130



129



129

A MID 19TH CENTURY SAVORY AND MOORE APOTHCARY CASE,

the rosewood case containing assorted bottles and equipment, by Savory and Moore of New Bond Street, Chemists to the Queen, together with a small box of phials of drugs, a 20th Century oak box with assorted medicinal labels and a small mahogany stand with some glass bottles (4)

£600 - 800

€770 - 1,000

130^{Y Φ}

AN IVORY OPIUM PIPE AND AN OPIUM BALANCE, CHINESE, 19TH CENTURY,

the balance in shaped case with hanging pan and brass weight 11in (28cm) wide (2)

£200 - 300

€260 - 380

131

A CAST BRASS PESTLE AND MORTAR, ENGLISH, 18TH CENTURY,

together with a slightly smaller example, the larger 5in (12.5cm) diameter (2)

£300 - 400

€380 - 510

132

MEDICAL APPARATUS,

comprising a Maws Double Valved Earthenware Inhaler with transfer decoration and plated metal carbolic spray with electric element, the inhaler 10in (25.5cm) high (2)

£300 - 400

€380 - 510



131



132





133



133

133

A RARE RICHARD DELEMAIN SILVER RULE, ENGLISH, DATED 1639,

signed 'D. D. : Principi : R. Delamain • Ætatis suæ 12 • Anno 1639'.

This may be translated as either 'Offered to a Prince by Richard Delamain in the twelfth year of his age 1639' or 'The first work, grace of God, of Richard Delamain in the twelfth year of his age 1639'.

Inscribed on the back with the, later, owners' name 'John Harvey Esq 1732 the bevel-edged instrument carries two 90° lines of chords numbered 10 to 90 subdivided to single parts, and a scale of 6 inches divided in tenths themselves subdivided to fifths. The back is plain apart from the later owner's name. 6in (15.2cm)long

£2,000 - 3,000

€2,600 - 3,800

A very well executed, exceptionally rare, perhaps unique, example of the work of Richard Delamain the younger (1627-1657). Delamain was the son of Richard Delamain the elder (d. 1645) a mathematics teacher and occasional instrument-maker best remembered for his vituperative controversy with William Oughtred concerning the invention and use of the circular slide rule and the double horizontal dial. Delamain senior obtained a number of commissions from Charles I for instruments and military surveying work during the 1630s and this context favours the first of the translations of the inscription given above. This implies a

presentation of the piece to a member of the Royal family (probably Charles I himself). This supposition is further supported by the fact that three years later the young Delamain presented to the House of Lords a tabular ready reckoner, *Shewing instantly by the eye the number of Acres belonging to any summe of money according to the Rate settled by Parliament upon any of the Lands within the four Provinces of Ireland... as also a Table to reduce any number of Irish Acres... into Statute Acres...* which was published by authority of the Lords in mid 1641. Espousing, like his father, the Parliamentary side in the Civil War, Delamain, at some stage, underwent a religious conversion experience and by 1648 had become a radical preacher in Hereford although he seems also to have had some employment in relation with the ordnance of the castle. Subsequently he secured a number of ecclesiastical posts. At Hereford he also married and had a son and a daughter with his wife Mary, both of whom were still minors at the time of his death. For the moment it is unknown if there is any relation between the present instrument and the text entitled 'The Royal scale given to the King heretofore' included in a list, in the hand of Delamain the elder, of 'Bookes to be drawne' c. 1633.

John Harvey may be either John Harvey of Beacham Well, Norfolk, a lieutenant in the Royal Navy, or the Norwich merchant of the name who was twice Mayor of the city before his death in 1742.

134



134

A RARE AMSLER INTERGRATOR/PLANIMETER WITH TRAMMEL BAR, GERMAN, EARLY 20TH CENTURY,

the highly engineered plated metal instrument complete with all accessories and instructions, in fitted pine case, 14 1/2in (37cm) wide together with trammel bar in separate pine case, 62in (158cm) wide (2)

£2,000 - 3,000

€2,600 - 3,800

135

A GIOVANNI RIVA GUNNERY COMPENDIUM, VENICE, MID 18TH CENTURY,

signed on the base of the compass Gio. Riva Venezia, the stamped leather covered case fitted with lift-out tray mounted with brass compass and cover, iron dividers and calipers, bone and brass charcoal holder, compartment below with boxwood charcoal holder, bone rule and brass protractor with two iron pointers, the case 11in (28cm) wide

£1,000 - 1,500

€1,300 - 1,900

135



136

TWO BRASS SURVEYING LEVELS, ENGLISH, 19TH CENTURY,

one signed *A Franks Optician 95 & 97 Deansgate Manchester* in coated brass and mahogany case, the other signed *Cary London* in fitted mahogany case with well engraved and silvered compass rose, the larger telescope 11in (28cm) long (2)

£400 - 600

€510 - 770

136





137

137

A SMALL SIZE BRASS THEODOLITE, CONTINENTAL, CIRCA 1900,

the telescope and spirit level mounted on vertical circle of degrees, above horizontal degree circle with rack and pinion movement, on staff-head mount with four levelling screws, in wooden case, the instrument 9in (23cm) high

£500 - 700

€640 - 900

138

A W. F. S. STANLEY BRASS SURVEYOR'S CROSS, LATE 19TH CENTURY,

with rack and pinion adjustment, silvered scales, inset compass on the top in original case with an Adie & Wedderburn brass optical square and another by Elliot Bros in case

£250 - 350

€320 - 450

139

A J. B. TIBAUT-DESIMPELAERE BRASS GRAPHOMETER, FRENCH, CIRCA 1900, FRENCH, CIRCA 1900,

the anodised brass instrument complete with 180 degree scale with vernier, compass and spirit level, surmounted by refracting telescope, in oak case with trade label applied to the lid interior, the telescope 12in (30.5cm) long

£500 - 800

€640 - 1,000

140

A CHARLES BRASS SURVEYING CIRCLE, FRENCH, LATE 19TH CENTURY,

signed *Charles a Paris*, the refracting telescope mounted on a bracket above circle of degrees with vernier, spirit level and tangential screw adjustment, in wooden carrying case, 6 1/2in (16.5cm) diameter

£600 - 800

€770 - 1,000



138



139



140



141



141

TWO SURVEYING LEVELS, FRENCH, CIRCA 1900,

the larger silvered metal signed *A Berthelemy a Paris*, complete with telescope, spirit level and three levelling screw tripod *15 1/2in (39cm) long* and a smaller H Morin silvered metal level of similar construction, in case, the telescope *9 1/2in (24cm) long (2)*

£400 - 600

€510 - 770



143

142

A H. MORIN CROSS-STAFF HEAD, FRENCH, EARLY 20TH CENTURY,

signed H Morin 11 rue Dulong, Paris in silvered metal with slit sights and rotating adjustment to the scale by knurled knob, *8 1/2in (21.5cm) high*

£300 - 400

€380 - 510



144

143

A STANLEY BRASS THEODOLITE, ENGLISH, EARLY 20TH CENTURY,

signed Stanley London 10459, the anodised brass body with 6in diameter horizontal and vertical circles of degrees with magnifiers, silver scales and veneers, eye-piece with micrometer screw adjustment, mounted with two spirit levels and compass, on three levelling screws in mahogany case, *17in (43cm) high*

£600 - 900

€770 - 1,200

144

A BRASS SURVEYING LEVEL AND CIRCLE, FRENCH, LATE 19TH CENTURY,

the telescope with rack and pinion focusing and surmounted by bubble level and magnetic compass, on horizontal circle of degrees with silvered scale and vernier, four levelling screws and tripod mounts, the telescope *11 3/4in (30cm) long*

£300 - 400

€380 - 510



145



146

145

SURVEYING INSTRUMENTS, LATE 19TH AND EARLY 20TH CENTURIES,

comprising a silvered metal cross staff, a brass level with refracting telescope and spirit level and a H.Morin silvered metal surveying level with horizontal circle of degrees, refracting telescope and double spirit levels, in case, the telescope 14 1/2in (37cm) long (3)

£500 - 800
€640 - 1,000

146

A PROFESSOR A THOMSON'S SILVERED METAL TRIGONOMETER, ENGLISH, EARLY 20TH CENTURY,

signed Aston & Mander Ltd. Makers London. Professor A Thomson's Trigonometer, the rectangular plate mounted with sliding rule and index arm, one scale marked BASI-NASAL LENGTH, in pine case, 7 by 8in (18 by 20cm)

£600 - 800
€770 - 1,000

Arthur Thomson was one of the three professors who made up the Oxford anthropology department between 1919 by 1933. He is best remembered for his formulation of the Thomson's Nose Rule which suggested that nose lengths differed in ethnic groups from warm to cold climates.

147

DRAWING INSTRUMENTS 19TH CENTURY,

comprising two proportional compasses in cases, beam compass mounts and a set of dividers, all cased (4)

£200 - 300
€260 - 380

148

A CROOKES RADIOMETER AND A MAXANT ANEMOMETER, EARLY 20TH CENTURY,

the radiometer on turned wood stand, 7in (18cm) high and at the plated metal anemometer with double dial measuring in metres, in fitted leather covered case, 10 1/2in (27cm) high (2)

£400 - 600
€510 - 770



147



148



150



151



152



153

149

A W & S JONES BRASS CIRCUMFERENTOR, ENGLISH, LATE 18TH CENTURY,

signed W & S Jones, 30 Holborn, London, silvered compass rose engraved with compass points, four quadrants and circle of degrees, alidade with vernier scales and open sights, complete with two fixed sights and staff head mount, in original stained oak case with brass catches, 9 1/2in (24cm) diameter

£1,000 - 1,500

€1,300 - 1,900

150

A C. LEWERT BRASS GUNNER'S QUADRANT, GERMAN, LATE 19TH CENTURY,

signed A Lewert Berlin 4515, the lacquered brass quadrant with index and spirit level moving over engraved 0-52 degree scale, in fitted case, the quadrant 4 1/2in (11.5cm) wide

£250 - 350

€320 - 450

151

A SILVERED BRASS UNIVERSAL EQUINOCTIAL DIAL, ENGLISH, CIRCA 1900,

with silvered compass rose mounted with hinged hour scale, latitude arc and gnomon, in mahogany case with lid, 4 1/4in (10.5cm)

£250 - 350

€320 - 450

152

A J. M. KLEMAN & ZOON BRASS GUNNER'S LEVEL, DUTCH, EARLY 19TH CENTURY,

signed J M Kleman & Zoon Kon: Instr: makers Amst., the cut-out brass plate with weighted pointer moving over 45-0-45 degree scale, in mahogany case, the instrument 4 1/4in (11cm) wide

£800 - 1,200

€1,000 - 1,500

153

A LARGE BRASS CARY LEVEL, ENGLISH, CIRCA 1840,

signed Cary London, the telescope with bubble level mounted above and rack and pinion focusing on the side supported by two brackets above compass rose with four levelling screws, in mahogany case with accessories, tube with eyepiece extension, 21 1/2in (55cm) long

£500 - 800

€640 - 1,000



149



154



155

154

TWO BRASS SURVEYING INSTRUMENTS, CONTINENTAL, LATE 19TH CENTURY,

comprising a M Lindig brass alidade, signed *M Lindig in Dresden*, the alidade mounted with column and refracting telescope, 20 1/2in (52cm) long ; and a level with open sights with cross wires, spirit level and staff head mount, in mahogany case, the level 10in (25.5cm) wide (2)

£300 - 400

€380 - 510

155^{Y Φ}

SCALES AND RULES, 18TH AND 19TH CENTURIES,

comprising a rare part Henly's quadrant with ivory 180 degree arc, a Conivet brass sector and a set of brass architectural rules and squares, two signed *H Franks* (qty)

£400 - 600

€510 - 770



156

156

SURVEYING AND DRAWING INSTRUMENTS, 20TH CENTURY,

comprising an Elliot brass prismatic compass in leather case, two silvered metal protractors, one cased and a Stanley surveying level in mahogany case, the largest 14in (36cm) wide (4)

£300 - 400

€380 - 510

157

A CARY PRESENTATION BOX SEXTANT, ENGLISH, DATED 1831,

Brass body, with sliding shutter sight and dark lens, wheeled rack drive to index arm reading from 0 to 130 degrees on the silvered scale, with magnifying lens to vernier reading to 20 seconds. Separate telescope, with three rotating eyepieces. The cover engraved *Royal Military College. Presented to Gentleman Cadet George McCall for attention and progress in Military Surveying. December 1831*. In a baize lined mahogany case, 4 1/2 by 4 1/2 by 2in (11 by 11 by 5cm)

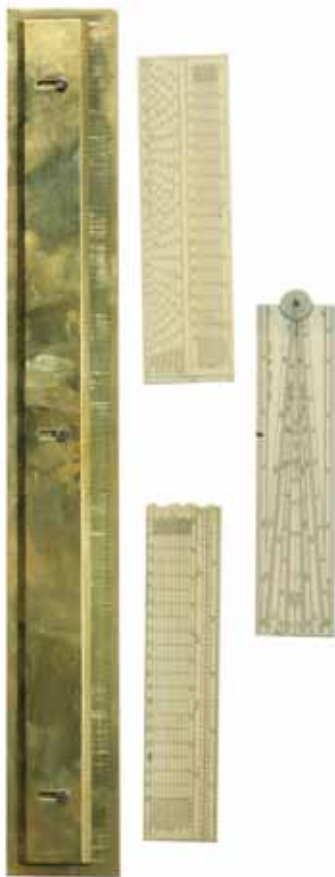
£300 - 400

€380 - 510



157

159



160



158

A HILDERBRAND BRASS MINING SURVEYING RULE AND A CARY STATION POINTER, ENGLISH, EARLY 20TH CENTURY,

the large brass rule, stamped *Hilderbrand Freiberg* with rack and pinion adjustment to the index arm, in fitted case, 30in (76cm) wide; and a cary station pointer in fitted mahogany case, 15in (38cm) wide (2)

£300 - 400

€380 - 510

159^{Y Φ}

FOUR SCALES AND RULES, 19TH CENTURY,

comprising a solid brass rule with sliding cursor, signed *E Kraft & Sohn* 15 1/2in (40cm) long; together with an ivory sector and two ivory rules (4)

£300 - 400

€380 - 510

161



160

A BREITHAUPT PROTRACTOR AND TWO STATION POINTERS, 20TH CENTURY,

the silvered metal protractor signed *F W Breithaupt & Sohn, Cassel* in fitted wood case; and two brass station pointers in fitted wood cases, both 20in (51cm) wide (3)

£300 - 400

€380 - 510

161

A RARE ARCHITECTURAL PERSPECTIVE RULE AND PERSPECTIVE CALCULATOR, EARLY 20TH CENTURY,

the rectangular silvered metal rule signed *H. Bellieni Constructeur a Nancy*, 5 1/4in 13.2cm wide the calculator with brass frame mounted with two steel rules divided into several scales and a series of cotton threads strung across the frame, in fitted wood case, 13 1/2in (34cm) wide (2)

£400 - 600

€510 - 770

158





162

162^{Y Φ}

A LARGE BRASS ALIDADE AND A CARY IVORY RULE, LATE 19TH CENTURY,

the alidade engraved with various scales and mounted with folding sights in case, 27in (69cm) wide; and a Cary ivory scale rule in original wood and leather case, the rule 12 1/4in (31cm) long (2)

£400 - 600

€510 - 770

163

A CHARLES SCHMALCALDER BRASS CIRCULAR PROTRACTOR, ENGLISH, 1810-1826,

signed Schmalcalder, 82 Strand, LONDON, the cross-bar engraved with both linear and non-linear scales with sprung prickers at either end, adjusted by rack and pinion, in original fitted mahogany case, cross bar 12 1/4in (31cm) wide; circle 7in (18cm) diameter

£500 - 800

€640 - 1,000

164

AN OTTO FENNEL SILVERED METAL SCALE, GERMAN, EARLY 20TH CENTURY,

signed Otto fennel Sohne Cassel, the rectangular rule divided with various scales, in card case, 15in (38cm) wide

£300 - 400

€380 - 510

165

A SHIP'S NAVIGATION LAMP, ENGLISH, EARLY 20TH CENTURY,

the Seahorse port lamp with ribbed glass lens and brass casing with chimney and handle, 24in (61 cm) high

£150 - 200

€190 - 260

166

A BOXWOOD NOCTURNAL, ENGLISH, DATED 1711,

stamped Charles Gordan 1711, the main disc reverse stamped with circular scale providing the table for the rule of the Pole Star for both the Great and Little Bear, the main disc obverse with date and month scales, hour divided to 15 minutes, rotatable disc with hour scale, lunar-age scale and with two tabs marked LB and GB, complete with tapering pointer and central brass eyepiece 4in (10cm) diameter

£2,000 - 3,000

€2,600 - 3,800



163



166



168



167

167^W

A 3-INCH BRASS REFRACTING TELESCOPE ON STAND, ENGLISH, EARLY 20TH CENTURY,

the tapering leather bound tube with rack and pinion focusing, in mahogany case and mounted on folding tripod, length of tube 36in (92cm)

£400 - 600

€510 - 770

168

THREE PAIRS OF FIELD GLASSES, CIRCA 1900,

comprising a pair by Dolland, another by the Opera Glass Company and an Italian pair in leather carrying case (3)

£150 - 200

€190 - 260

169

TWO SMALL REFRACTING TELESCOPES ON STANDS, 19TH CENTURY,

the larger signed *Plossel in Wein* with three draws and eyepiece with revolving disc of four lenses, on modern stand, the smaller with three draws and similar eyepiece, on modern stand, the larger extended length 8 1/2in (21.5cm) (2)

£500 - 800

€640 - 1,000

170^W

A 2 3/4-INCH TULLEY BRASS REFRACTING TELESCOPE ON STAND, ENGLISH, MID 19TH CENTURY,

signed *W & J Tulley London*, the tube with rack and pinion focusing and sighting telescope mounted in parallel, supported on a column and telescope strut above folding tripod base, in fitted mahogany case with accessories

£800 - 1,200

€1,000 - 1,500

171

A 1-INCH DOLLOND REFRACTING TELESCOPE, ENGLISH, LATE 18TH CENTURY,

signed on the objective cover *Dollond London*, the mahogany decahedral tube with sliding brass objective cover and single draw, when closed 26in (66cm) long

£600 - 800

€770 - 1,000



169



170



171



172

172

A GEORGE ADAMS 2-INCH BRASS GREGORIAN REFLECTING TELESCOPE, ENGLISH, CIRCA 1780,

signed on the eyepiece tube Made by G Adams in Fleet Street London Inst.Mak.to the Prince of Wales, the tube with focusing to the secondary reflector by long shank and worm-screw, supported by a bracket above tapering column and folding tripod, in original fitted oak case with trade label applied to lid interior printed Alexr.Wellington Mathematical Instrument Maker to their Royal Highnesses the Duke of Gloucester & Cumberland successor to the late Mr James Search at the Globe, Crown Court, St Anns, Soho, London....., length of tube 14in (36cm)

£3,000 - 5,000
€3,800 - 6,400

173

A DOLLOND 3-INCH REFRACTING TELESCOPE ON STAND, ENGLISH, DATED 1844,

signed Dollond London on the draw, the leather bound tube with four telescopic extensions supported by a collar above tapering brass column and folding tripod, in brass bound mahogany case with trade label applied to the lid interior and three alternative eye pieces and presentation brass plaque inlaid on the lid exterior, extended length 50in (127cm)

£800 - 1,200
€1,000 - 1,500

174^{Y Φ}

AN IVORY AND GILT BRASS SPYGLASS, PROBABLY FRENCH, MID 19TH CENTURY,

with single brass draw and turned ivory eyepiece mount and body with inset dot and circle decoration, in card case, fully extended 3 1/2in (9cm)

£300 - 500
€380 - 640



173

175



176

175^W

AN F. WAPPENHAMS 3 INCH BRASS REFRACTING TELESCOPE ON STAND, GERMAN, 19TH CENTURY,

signed F. Wappenhams, Berlin, the tube with rack and pinion focusing, mounted on bracket above tapering column on folding tripod base, length of tube, 47in (120cm)

£500 - 700

€640 - 900

176^W

A J. H. STEWARD 2 1/4-INCH REFRACTING TELESCOPE ON STAND, ENGLISH, CIRCA 1900,

*the leather bound tube with silvered plaque engraved *The National Rifle Association Target Telescope J H Steward 106,457 Strand, 7 Gracechurch St, London*, in pine case and mounted on folding tripod, the tube 37in (94cm) long*

£400 - 600

€510 - 770

177



177

AN EDWARD DAVIS 1-INCH REFRACTING TELESCOPE, ENGLISH, 1833-39,

*signed *Davis Cheltenham*, engraved with the owner's name around the eyepiece *Geo Radcliffe Land Surveyor*, six brass draws, baleen bound tube in fitted red leather covered case with alternative eyepiece and collar for attaching telescope to gate post or tree bough, the case 4 1/2in (11cm) wide*

£300 - 500

€380 - 640

Edward Davis worked at 171 High Street Cheltenham from 1833 until he moved to Liverpool in 1839.

178

A 4-INCH BROADHURST CLARKSON & CO REFRACTING TELESCOPE ON STAND, ENGLISH,

the white painted brass main tube with star-finder mounted in parallel and focusing to the eyepiece by rack and pinion, supported by a bracket above equatorial mount and iron stand with two slow motion adjustment handles, the tube 47in (120cm) long

£700 - 900

€900 - 1,200

178





179

179^W

A THOMAS COOKE & SONS 4-INCH BRASS REFRACTING TELESCOPE, ENGLISH, CIRCA 1880,

signed T Cooke & Sons York, the tube with rack and pinion focusing, supported on a bracket above equatorial mount and counter weight, on tripod base, in case with separate case of accessories including eyepieces and filters, the tube 55in (140cm) long

£2,500 - 3,500
€3,200 - 4,500

180

A GILT AND SILVERED BRASS UNIVERSAL EQUINOCTIAL DIAL, MID 19TH CENTURY,

the octagonal dial with hinged latitude arc, hour scale and gnomon, mounted on base plate with inset compass and engraved around the compass and on the base with European towns and their latitudes and Auckland in New Zealand, in original shaped leather case, the dial 3 1/4in (8.3cm)

£500 - 700
€640 - 900



181



180

181

A GOOD WATKINS & SMITH BRASS UNIVERSAL EQUINOCTIAL DIAL, ENGLISH, 1763-1774,

signed Watkins & Smith London, with silvered compass rose, hinged brass latitude arc, hour ring and gnomon, in original turned mahogany fitted vase with securing hook, the case 4 1/2in (11.5cm) diameter

£700 - 1,000
€900 - 1,300

Francis Watkins and Addison Smith are recorded as working as opticians at Charing Cross from 1763 - 1774.



182



183

182

A BRASS UNIVERSAL EQUINOCTIAL DIAL, ENGLISH, LATE 19TH CENTURY,

with retailers engraved name Herbert & Co Bombay, with silvered compass rose, hinged latitude arc, gnomon and hour ring, raised on three levelling screws, in mahogany case with printed table applied to lid

£300 - 500

€380 - 640

183

A BRASS AZIMUTH COMPASS, DUTCH, 18TH CENTURY,

signed Antonius Vassal fe., the brass compass rose engraved with thirty two compass points, circumference engraved with four degree quadrants, surmounted by hour ring and gnomon pivoted at the centre and moving over VIII - XII - IV hour scale, on oak base, 6 3/4in (17cm) square

£1,500 - 2,000

€1,900 - 2,600

Provenance

Joannes Beckers (1761-1825), hence by descent to his son, Henricus Joseph Beckers (1794-1853), hence by descent to his daughter Anna Barbera Catharina (1832-1889), married to Jan Gerard Beckers. Then by descent to their son Hendrik Joseph Beckers (1862-1950), and hence by descent to his grandchildren, the present owners

184

A JEAN CHAPOTOT SILVER GILT BUTTERFIELD DIAL, FRENCH, LATE 17TH CENTURY,

signed Chapotot a Paris, the octagonal dial with three hours scales engraved in Roman and Arabic numerals on the plate, inset magnetic compass, hinged bird gnomon, the reverse engraved with twenty five European cities and their latitudes, in velvet lined fitted leather case, the dial 2 1/8in (5.5cm) long

£1,500 - 2,000

€1,900 - 2,600



184



185



186

185

TWO BRONZE GARDEN HORIZONTAL SUNDIALS, ENGLISH, THE LARGER EARLY 19TH CENTURY, THE SMALLER 17TH CENTURY,

the square dial indistinctly signed and dated 1672, with engraved hour scale, Roman numerals and distinctive pierced gnomon, 8 3/4in (22cm) square ; the circular dial with green patina, hour and minute scales, compass rose and pierced gnomon 15in (38cm) diameter (2)

£600 - 900
€770 - 1,200

186

A BRASS BUTTERFIELD DIAL, FRENCH, EARLY 18TH CENTURY,

signed Butterfield a Paris, the octagonal dial with hinged gnomon and bird pointer, the base plate engraved with four hour scales and inset with magnetic compass, the base engraved with European towns and their latitudes, in original velvet lined leather case, the dial, 3 1.8in (8cm) long

£600 - 800
€770 - 1,000

187

A HORIZONTAL BRASS GARDEN SUNDIAL, IRISH,

indistinctly signed by a Dublin maker, the circular dial engraved with hour and minute scales, calendar and compass rose, mounted with gnomon, 12in (30.5cm) diameter

£300 - 400
€380 - 510

188

AN UNUSUAL BRASS DIRECTIONAL PORTABLE DIAL, FRENCH, EARLY 19TH CENTURY,

the circular dial with hinged gnomon and bird pointer mounted on dial engraved with cardinal points and four hour scale in Roman and Arabic numerals, an arc shaped aperture with pointer indicating South, complete with lid, 3 1/8in (8cm) diameter

£600 - 800
€770 - 1,000



187



188

ASTROLABE: A 16TH CENTURY POCKET COMPUTER

189

AN IMPORTANT SINGLE SHEET EUROPEAN UNIVERSAL ASTROLABE, NOT SIGNED OR DATED, ENGRAVED BY TWO HANDS, THE FIRST WORKING IN THE MID TO LATE 15TH CENTURY, THE SECOND IN THE THIRD QUARTER (OR SLIGHTLY LATER) OF THE 16TH CENTURY

The single engraved sheet has an integral two lobed throne with central mount to which the attachment piece for the suspension ring is riveted. This throne is similar to those found on several other late Medieval (mainly 14th century) astrolabes. For the use of a single sheet for the instrument, parallels are provided by the Merton equatorium and the astrolabe in Oriel College, Oxford.



Obverse

The plate is fully engraved with (reading from the circumference inwards):

- a) a degree scale in four quadrants reading 0-90-0-90-0 from the East and West points and divided to 1°; the direction of the numerals, which are executed in neat gothic characters, is reversed in each quarter.
- b) A zodiacal calendar (eccentric-type) with zodiacal signs divided to 1° and numbered by groups of ten, within this is the month calendar which reads to one day by groups of ten or eleven, although February has only 28 days. 0° Aries = 11.8 March. This value, although not conclusive, is consonant with a date in the mid-15th century.
- c) Equal hours, marked every 15°, in Roman numerals (I-XII x 2), probably by the same hand as executed the degree graduation in circle a).
- d) In the upper two thirds of the central space the diagram for a latitude plate for (calculated value), 51° + a few arc minutes. The almucantars, which are drawn for every 2°, are twice numbered by groups of ten, once from the horizon to the zenith and once along an (added) equinoctial arc. These numbers however are in a semi-italic hand and have clearly been added later, several of the numbers being engraved over the almucantars. Probably at the same time the numbered lines were pecked to make them more distinctive.
- e) Beneath the latitude diagram is a shadow square of twelve numbered, in gothic script, in groups of four with each unit divided to fifths to give 60 divisions.
- f) Within this is a later (mid-16th century italic hand) addition of a second shadow square of ten, numbered in groups of two each divided to five to give fifty divisions. That the scale is a later addition is confirmed by the upper vertical ends running over the azimuths of the latitude diagram.
- g) Above the east side of the shadow square a small unequal hour diagram has been drawn using italic numerals.
- h) Beneath the horizon is a set of pecked unequal hour lines with later italic numerals.
- i) A series of twelve pecked arcs run over the entire diagram; they mark the boundaries of the twelve astrological houses and have later italic numerals.
- j) An ecliptic scale engraved over the horizon and almucantar grid, with the signs indicated by their symbols, each being divided to thirty degrees, is also part of the later additions.

Reverse

- a) A full 360° scale is engraved along the circumference reading, from the south point beneath the throne, to 1° and numbered by groups of ten in gothic numerals reading inwards and with roman numerals for the hours every 15°.
- b) In the same band as the hour numerals a second degree scale in italic numerals reading outwards, counter clockwise from the East point, has been added.
- c) The centre is entirely filled by a universal stereographic projection of the sphere (sphaera azarchelis) without star positions but with half ecliptic arcs engraved along the 56° arcs on either side of the Equator, each sign divided to thirty by numbered groups of 10°. The meridians and latitude arcs are numbered along their central diameters. A diameter running across the diagram at an angle of 23.5° to the East-West line is divided and engraved with the signs of the ecliptic. A diameter symmetrical to it is not so divided.

A diametrical rule, engraved in the half closest to its fiducial edge with a scale of paired ecliptic signs and beneath this a degree scale reading from the centre to the right 0-90 and then beneath in the reverse direction 100-270, continuing above 280-360, is mounted on the reverse of the instrument. Attached to the rule through a plain central strut is an arc carrying a zodiac scale. This has six divisions each containing two names and signs, the Spring and Summer names being written so as to be read towards the centre of the instrument, the Autumn and Winter signs being read outwards from the centre. As an additional distinction the latter names and signs are crossed through. A similar arrangement is employed for the numbers, ten, twenty, thirty, which accumulate the 1° divisions of each sign. This arc is engraved in the same gothic hand as the zodiacal calendar on the obverse and the degree scale on the reverse. The arc is integral with the strut that connects it to the rule, this strut being neatly undercut and pinned to the centre of the rule. Mounted above the rule, also from the centre, is a radial arm carrying an undivided 90° scale using italic numerals; a brachiolus is mounted above this. It is probable that the radial arm was originally a cursor sliding along the rule, and that a brachiolus, though probably a smaller one, was mounted in the hole at its outer end. The metal and engraving of the rule and the radius appear to be the same.

Mounted on the reverse of the instrument is a counter-changed alidade with fixed sights. Two brachioli have been mounted on opposing sides of the centre at the beginning of the counter-change.

11 1/2 in (29cm) diameter

£80,000-120,000

€100,000-150,000

Provenance

Joannes Beckers (1761-1825), hence by descent to his son, Henricus Joseph Beckers (1794-1853), hence by descent to his daughter Anna Barbera Catharina (1832-1889), married to Jan Gerard Beckers. Then by descent to their son Hendrik Joseph Beckers (1862-1950), and hence by descent to his grandchildren, the present owners

**“A rare and unusual form of
universal astrolabe in late
Medieval Europe”**



Although incomplete, the instrument is of high technical and historical interest, but poses considerable problems of interpretation. The following remarks are therefore tentative.

It is clear that two hands have worked on the instrument.

Hand one employs extremely well formed and neatly engraved gothic letters and numerals. The zodiacal calendar, the shadow square of twelve and the latitude diagram on the obverse can be ascribed to this hand as can the degree scale on the circumference of the reverse, and the zodiac arc attached to the rule on the same side.

The second hand employs italic letters and numerals, also well formed and neatly executed. The shadow square of ten, the numbers added to the latitude diagram and probably the pecking and dashing of significant lines on this same diagram can be ascribed to this hand, as can the names of the cardinal points, the numbers and the zodiacal signs on the universal projection although this itself, given that the zodiac arc engraved by hand one works with it, is also probably by hand one. The engraving on the rule, the radius, and the alidade is by hand two.

The universal projection without stars, the naming of the four cardinal points, the graduated rule and the accurate ecliptic scale attached to it, are all elements employed in the form of universal astrolabe, known as the 'Mathematical lewell', that John Blagrove published in 1585. In Blagrove's instrument however the zodiac arc, which is part of an elaborate, fretted rete, is not fully graduated. This difference, and the fact that this arc was constructed by hand 1, suggests that the universal grid is also to be ascribed to hand 1, and therefore dates from the second half of the 15th century. That such should be the case is not improbable for a complex 14th century Syrian astrolabe incorporating the arrangement later 'reinvented' by Blagrove, and transmission to western Europe is entirely feasible. A parallel such transmission, eastwards to India is also known from the 17th century.

The present astrolabe however is not a Blagrove-type instrument. If one may conjecture that originally the obverse of the instrument was fitted with a conventional rete, and that the reverse was an universal instrument with its own rete resembling that employed by Ibn as-Sarrāj, then it must, almost a century later, have been altered. Quite why it should have been thought necessary to add a shadow square of ten remains mysterious, unless the owner was a convert to the decimal calculation promulgated by Simon Stevin (1548-1620) in the 1580s. The addition of numerals to the projected grids may be seen as a way of making the device more convenient in use, but the rudimentary rete, if such one may call it, constructed for the reverse

and the consequent total lack of stars, suggests a deliberate change, perhaps towards a use in which only the graphical calculation of ecliptic positions was of importance.

The recycling and adaptation of older instruments during the Early Modern period must have been, given the shortage and cost of good brass, a frequent event. As parallels to the present example one can cite the astrolabe by Muhammad b. Fattuh al-Khamā'ri (AH 619 [AD 1223/24], which was fitted with a new rete in the Arsenius workshops in Louvain c. 1560, and the 1399 English horary quadrant to which additions were made that have been attributed to Charles Whitwell c. 1595. These were a solar declination scale and, a strict parallel with the present instrument, numbering of the hour lines.

The calculated value for the latitude diagram allows the original instrument to have been made for, or in, anywhere in southern England (at least as far north as London), Flanders, Central Germany or Poland. Unfortunately however virtually no studies of the gothic script employed on late medieval instruments have been made that could assist towards a localisation. The humanist italic script of the second hand, however, seems to situate the changes it imports in one of the workshops of Flanders or England that employed the italic hand deriving from Gerard Mercator. An initial survey of the lettering suggests that an attribution to the workshop of Humphrey Cole in London may not be incorrect. Most of the letter forms are close to those of his known, signed, work; use of the term 'Latus' rather than 'umbra' to designate the shadow square can be paralleled on two of his instruments, while the lobed treatment of the ends of the alidade, which here gives rise to a clover-leaf form, is also consonant with other of his known pieces.

Conclusion

The present instrument seems to have been made, originally, in the mid- to late-fifteenth century and to have incorporated a version of the 14th century universal instrument of Ibn as-Sarrāj, the shakkāziyya, that would be 're-invented' in England in the 1580s by John Blagrove. At about, probably, the same time as Blagrove was working, the instrument, perhaps because it had lost its original rete, or was found too complex, was made more convenient for use by the addition of line numbers, and adapted for use exclusively for problems concerning the ecliptic. Despite being incomplete it supplies important evidence for the continuity in use, by recycling, of late medieval instruments in Early Modern Europe, and is highly significant as an hitherto unknown document for the presence of a rare and unusual form of universal astrolabe in late Medieval Europe and thus its transmission from Islam.



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A WILLIAM FRASER BRASS MAGNETIC COMPASS DIAL, ENGLISH, CIRCA 1800,

signed *Fraser's LONDON 51:28*, with finely engraved silvered brass horizontal sundial with brass gnomon and engraved with compass points and Roman hour numerals, on magnetic compass within ring engraved with degree and calendar scales and table for the Equation of Time, in circular case with domed brass lid, 3 1/2in (9cm) diameter

£400 - 600

€510 - 770

For similar dial see Mike Cowham, *A Dial in your Poke*, p.123.

191

A SMALL GOLD AND SILVERED BRASS PERPETUAL CALENDAR, ENGLISH, 18TH CENTURY,

the volvelle with days of the week and dates on one face, the reverse displaying the months, length of hours of daylight and times of sunrise and sunset 3/4in (2cm) diameter

£400 - 600

€510 - 770

192

A BRASS SUN INSTRUMENT, CIRCA 1900,

complete with circular mirror, filter and curved brass arc in mahogany case, together with a set of Higgs' solar spectrum prints in leather case, the larger 9 1/4in (23.5cm) wide

£200 - 300

€260 - 380



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193*

A 2 1/2- INCH LANE'S POCKET GLOBE, ENGLISH, PUBLISHED 1818,

cartouche printed LANE Pocket GLOBE LONDON 1818, the twelve hand-coloured and engraved gores with pinials mounted at both poles, in shagreen case with prints of the heavens applied to both hemispheres, 3 1/2in (9cm) diameter

£3,000 - 5,000

€3,800 - 6,400

194*

A 3-INCH COX'S TERRESTRIAL GLOBE, ENGLISH, CIRCA 1840,

cartouche printed COX'S Terrestrial Globe all Discoveries to FEB 1839, the sphere with twelve hand-coloured and engraved gores, metal pins mounted at the poles and mounted in card case with lid, 3 1/4in (8.2cm) diameter

£1,500 - 2,000

€1,900 - 2,600

195*

"THE EARTH AND ITS INHABITANTS" 1 1/2-INCH CARL BAUER TERRESTRIAL GLOBE NUREMBERG, CIRCA 1825,

in card box with accordion book with hand-coloured engraved figures, the box 2 1/2in (6.3cm) wide

£900 - 1,500

€1,200 - 1,900

Literature

Dekker,E., Globes of the Western World, p. 98



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196

196*

A 3-INCH LANE'S POCKET GLOBE, ENGLISH, PUBLISHED 1809,
cartouche printed LANE'S Pocket GLOBE LONDON 1809, the sphere applied with twelve hand-coloured and engraved gores, depicting Cook's and Anson's tracks, monsoons indicated in Indian Ocean and China Sea, Great Wall of China indicated and Tasmania is jointed to Australia, in shagreen case with prints of the heaven applied to the two hemispheres, 3 1/8in (8cm) diameter

£2,400 - 3,600
 €3,100 - 4,600

197*

A 3-INCH JOHN ADDISON & CO. POCKET GLOBE, ENGLISH, CIRCA 1824,
cartouche printed A NEW TERRESTRIAL GLOBE from the best Authorities by J Addison & Co no.116 Regent Str. LONDON, the sphere applied with twelve hand-coloured gores and mounted in brass meridian engraved with circle of degrees, fitting into a card horizon ring with printed calendar, degree and zodiac scales, in shagreen case with print of the heavens applied to the lid interior, 4 1/4in(11cm) diameter

£3,000 - 5,000
 €3,800 - 6,400



199



198*

A 3-INCH MALBY'S POCKET GLOBE, ENGLISH, PUBLISHED 1844,

cartouche printed MALBY'S Terrestrial Globe Compiled from the GLOBES of the SOCIETY FOR THE DIFFUN. OF USEFUL KNOWLEDGE Houghton St. London March 1st 1844, the sphere applied with twelve hand-coloured and engraved gores, brass pinnules at the poles, in shagreen case with prints of the heavens applied to the two hemispheres, 3 1/4in (8cm) diameter

£2,400 - 3,600
€3,100 - 4,600

Provenance
Christies Lot 15 14th June 1998



198

199*

A 3-INCH THOMAS HARRIS & SON POCKET GLOBE, ENGLISH, CIRCA 1800,

cartouche printed New Terrestrial Globe By T Harris & Son London, the sphere with twelve engraved and hand-coloured gores, metal pinions and the poles, in red leather pocket case with prints of the heavens applied to inner hemispheres, 3 1/2in (9cm) diameter

£3,000 - 4,800
€3,800 - 6,200

200*

A 2-INCH NEWTON'S POCKET GLOBE, ENGLISH, PUBLISHED 1835,

cartouche printed NEWTONS NEW Terrestrial GLOBE 1835, the wooden sphere applied with twelve engraved and hand-coloured gores, in shagreen case with inner hemispheres applied with twelve gores each printed with astronomical phenomena and scales, 2 1/4in (5.8cm) diameter

£2,700 - 3,500
€3,500 - 4,500



200



203



202

201

TWO CLARK & CO STRING/COTTON GLOBES, ENGLISH, EARLY 19TH CENTURY,

each on turned and ebonised wood bases with string aperture at the North Pole, 4in (10cm) high (2)

£200 - 300

€260 - 380

202

FOUR TABLE GLOBES, EARLY 20TH CENTURY,

including a paper-weight globe with compass inset at the North Pole, a Phillips 3-inch terrestrial globe on stand, another opening to reveal a compass mounted inside, the largest 6 1/2in (17cm) high (4)

£300 - 400

€380 - 510

203

THREE GLOBES IN EGG-SHAPED CASES, EARLY 20TH CENTURY,

comprising two 1 1/2in terrestrial globes, one printed *The Earth published by I.P.S.*, in egg-shaped wood cases with transfer decorations, and one in plain wood case, the largest 3 1/2in (9cm) high (3)

£250 - 350

€320 - 450

204

TWO SEWING EGG GLOBES, ENGLISH, EARLY 20TH CENTURY,

each of the wooden egg-shaped boxes applied with coloured lithographic prints of the world, the largest 3 1/4in (8cm) high (2)

£400 - 600

€510 - 770

205

TWO MINIATURE ATLASES OF THE BRITISH ISLES

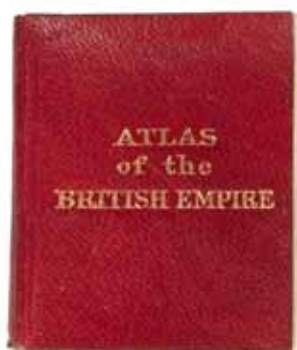
by Edward Stanford, reproduced from the original made for Her Majesty Queen Mary's Doll's House, in red leather binding; and a volvelle printed on both faces with a map of the earth and with printed details of how to calculate various astronomical and terrestrial information 11 1/2in (29cm) diameter (3)

£300 - 500

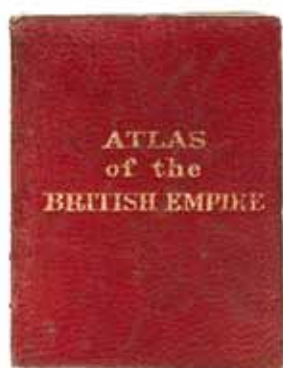
€380 - 640



204



205





206



207



206*

A NATHANIEL HILL 2 3/4-INCH POCKET GLOBE, ENGLISH, PUBLISHED 1754,

cartouche printed *A New Terrestrial GLOBE by Nath. Hill 1754*, hand-coloured gores with California shown as a peninsula, the Antarctic lacks definition and labelled "Ice Sea", Australia lacking East coast definition and titled New Holland and North West portion of North America labelled "Unknown Parts", (crack to Southern Hemisphere), in shagreen case with map of the heavens applied to the inner semi-spheres, 3in (7.5cm) diameter

£4,500 - 6,500

€5,800 - 8,300

207*

A THOMAS BLUNT 3-INCH POCKET GLOBE, ENGLISH, PUBLISHED 1824,

cartouche printed *T BLUNT 22 Cornhill LONDON 1824*, the sphere applied with twelve engraved and hand-coloured gores and detailing various explorer's tracks, in shagreen case with inner hemispheres applied with prints of the heavens, 3 1/4in (8cm) diameter

£2,400 - 3,600

€3,100 - 4,600

208

TWO GLOBE INKWELLS, ENGLISH, EARLY 20TH CENTURY,

each with hinged lid opening to interior fitted with brass ink wells and covers, together with brushes, the outer case applied with printed and coloured gores, the larger 3in (8cm) high

£300 - 400

€380 - 510



208





210



211



212



213



209

209

A MILK GLASS PERFUME BOTTLE GLOBE, FRENCH, EARLY 20TH CENTURY,

the spherical bottle mounted with metal spray (lacking bulb), applied with transfer spring of the world, 5 1/2in (14cm) high

£250 - 350

€320 - 450

210

FOUR TREEN MAP BOXES, ENGLISH, 19TH CENTURY,

comprising a circular perfume box fitted with three glass bottles, the lid interior with label printed *The Environs of Brighthelmstone Published Spt. 12 1800 by T.Wise, Tunbridge* ; a smaller box with similar label, another similar box and a rectangular box with sliding lid, each applied with map of East and South Sussex, the largest 3in (7.5cm) wide

£400 - 600

€510 - 770

211

FIVE MAP FANS, EARLY 20TH CENTURY,

comprising two printed with European maps and three printed with maps of the Far East, the largest 12in (30.5cm) long (5)

£300 - 500

€380 - 640

212*

A 3-INCH CARY TERRESTRIAL GLOBE ON STAND, ENGLISH, PUBLISHED 1791,

the sphere with twelve coloured gores printed with Cook's three voyages, hand coloured, mounted in later brass meridian on turned mahogany stand, 6in (15cm) high

£2,400 - 3,600

€3,100 - 4,600

213

A SILVER COMMEMORATIVE MAP MEDAL,

hallmarked English after 1956, engraved on both faces with 16th century map of the world, 2 3/4in (7cm) diameter

£400 - 600

€510 - 770



214

214*

A NATHANIEL HILL 2 3/4-INCH POCKET GLOBE ENGLISH, PUBLISHED 1754,

cartouche printed *A New Terrestrial GLOBE by Nath. Hill 1754*, hand coloured gores with California shown as a peninsula, the Antarctic lacks definition and labelled "Ice Sea", Australia lacking East coast definition and titled New Holland and North West portion of North America labelled "Unknown Parts", in shagreen case with map of the heavens applied to the inner semi-spheres, 3in (7.5cm) diameter

£4,500 - 6,500
€5,800 - 8,300

215

A SMITH'S 6-INCH TERRESTRIAL GLOBE ON STAND, ENGLISH, SECOND QUARTER OF THE 19TH CENTURY,

printed *SMITH'S TERRESTRIAL GLOBE Shewing the latest discoveries to the present time London C. SMITH & SONS*, plaster sphere applied with coloured gores, mounted in half brass meridian, on turned mahogany base, 10in (25.5cm) high

£300 - 500
€380 - 640



215

216*

A 1 1/2-INCH TERRESTRIAL GLOBE ON STAND, ENGLISH, 19TH CENTURY,

the wooden sphere with twelve engraved and hand-coloured gores, in later turned and carved mahogany stand with domed cover, 6in (15cm) high

£900 - 1,500
€1,200 - 1,900



216



217



217*

A RARE PAIR OF NEWTON'S 3-INCH TERRESTRIAL AND CELESTIAL GLOBES, ENGLISH, CIRCA 1835,

terrestrial cartouche printed NEWTON'S New & Improved TERRESTRIAL GLOBE Published by Newton Son & Berry, 66 Chancery Lane, LONDON, each sphere with metal pins mounted at the poles, twelve hand-coloured and engraved gores, mounted in green painted turned wood cases with lids, 3 3/8in (8.5cm) diameter (2)

£5,500 - 7,500

€7,000 - 9,600

Provenance

Christies lot 58 25th June 1998

218*

A 2-INCH NEWTON'S POCKET GLOBE, ENGLISH, PUBLISHED 1818,

cartouche printed NEWTON'S NEW Terrestrial GLOBE 1818, the wooden sphere applied with twelve engraved and hand-coloured gores, in shagreen case with inner hemispheres applied with twelve gores each printed with astronomical phenomena and scales, 2 1/4in (5.8cm) diameter

£1,800 - 2,400

€2,300 - 3,100

219

A MALBY'S 12-INCH TERRESTRIAL TABLE GLOBE, ENGLISH, PUBLISHED 1878,

cartouche printed MALBY'S TERRESTRIAL GLOBE Compiled from the latest & MOST AUTHENTIC SOURCES Including all the recent Geographical Discoveries AGENTS PHILIP, SON & NEPHEW, Educational & Geographical Depot 51 South castle Street, Liverpool, the globe with printed and coloured gores mounted in brass meridian, in horizon ring with calendar, degree and zodiac scales, raised on three shaped mahogany legs with stretcher, 18in (46cm) high

£2,000 - 3,000

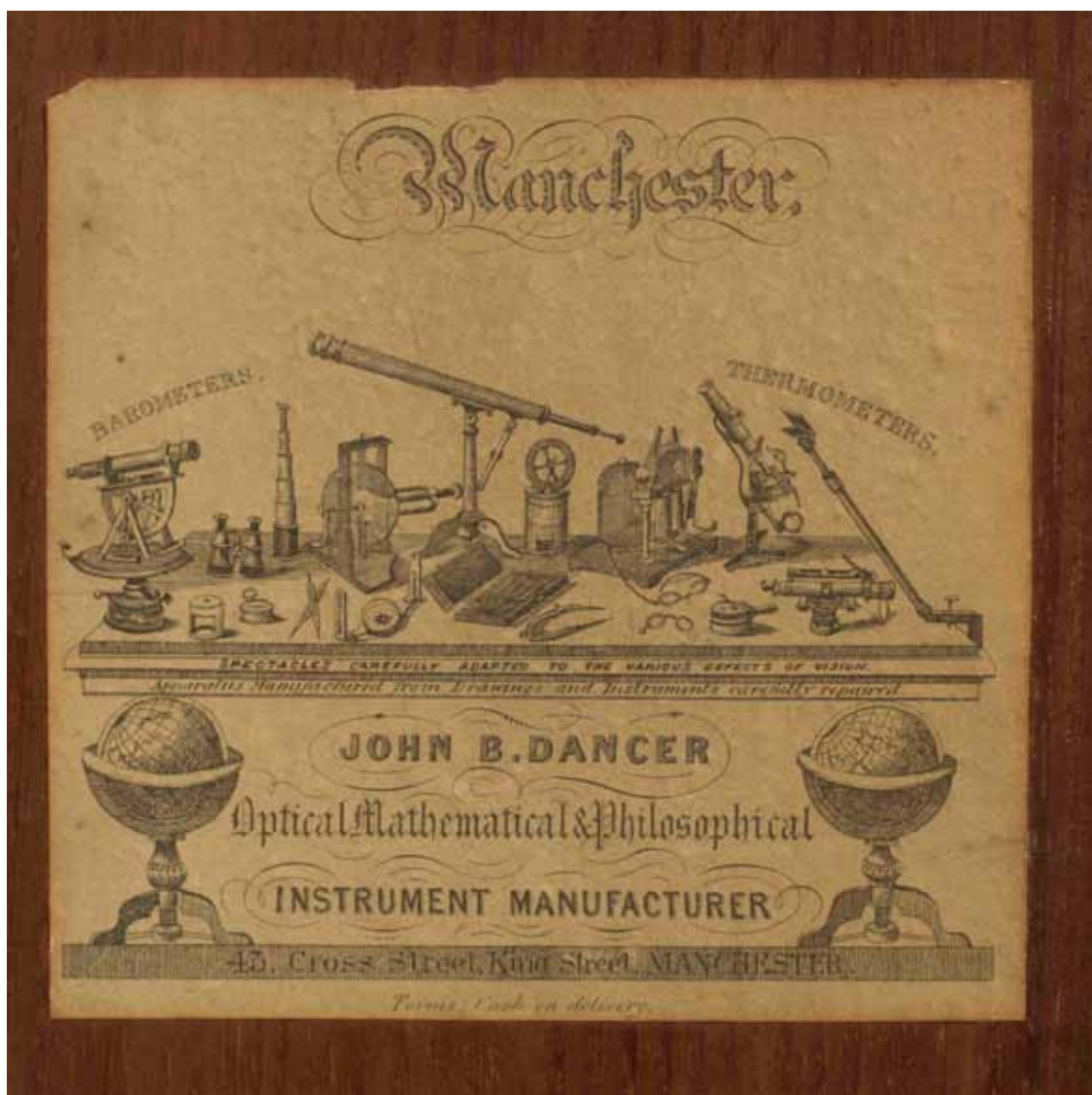
€2,600 - 3,800



218



219



220

220

THE J. B. DANCER COLLECTION OF FIFTEEN SCIENTIFIC INSTRUMENTS

Lots 221-235. If the reserve is not met, the collection will be sold lot by lot.

During his lifetime John Benjamin Dancer (1812-1887) made substantial contributions to microscopy, photography and science. He took over his father's optical business in Liverpool in 1835 but moved to Manchester in 1841 when he was aged 29 and with a Abraham Abraham set up the business of Abraham & Dancer at 13 Cross Street, Manchester which lasted until 1845.

Microscopes with achromatic objectives were produced by such manufacturers as Andrew Ross, James Smith and Powell & Lealand, though they were very expensive. He began to produce them more cheaply and supplied achromatic microscopes to prominent scientists of the period.

In 1839, when he was still at Liverpool, Dancer pioneered the making of microphotographs mounted on slides for microscope viewing, but it was not until Frederick Scott Archer of Manchester introduced the collodion process in 1851 that images in very fine detail could

be recorded. This was used by Dancer to start producing vastly improved microphotograph slides including famous paintings, portraits, banknotes and the Lords prayer. Over 500 different subjects were produced and soon became popular for their novelty value.

In addition to making a wide range of scientific instruments, Dancer also invented the twin lens stereoscopic camera in the mid 1850's the principle of which was then developed by other makers throughout the 19th century to supply three dimensional images when viewed through a suitable stereoscopic viewer. Dancer was also involved with the design and invention of apparatus relating to electricity, magnetism and thermometry. Dancer was without doubt a major contributor in the field of scientific instrument making in the second half of the 19th century.

Refer to department



222



224



221



223

221

A J.B. DANCER BANJO BAROMETER, ENGLISH, MID 19TH CENTURY,

signed J B Dancer, Optician, Manchester, in shaped rosewood veneered case with well engraved silver dial and mercury thermometer with engraved and silver scale, 42in (107cm) high

£700 - 900

€900 - 1,200

222

A J.B. DANCER SURVEYOR'S LEVEL,

unsigned but with trade label applied to lid interior, with sliding tube focusing to the objective, the telescope mounted by two brackets above large spirit levels, complete with staff-head mounts, in mahogany case, the telescope 14in (36cm) wide

£500 - 700

€640 - 900

223^Y

A J.B. DANCER STICK BAROMETER,

in oak case, 38in (97cm) high

£700 - 900

€900 - 1,200

224^W

A J.B. DANCER 3-INCH BRASS REFRACTING TELESCOPE, ENGLISH, MID 19TH CENTURY,

signed Dancer Manchester, the tube with rack and pinion focusing and star-finder mounted in parallel, on bracket and column but lacking tripod in pine case with trade label, length of tube 42in (107cm)

£1,500 - 2,000

€1,900 - 2,600

225



225

A J.B. DANCER BRASS COMPOUND MONOCULAR MICROSCOPE, ENGLISH, MID 19TH CENTURY,

J. B. Dancer Optician Manchester, focusing by rack and pinion and lever and screw, mechanical stage with sub-stage plano/concave reflector, on tripod base, in mahogany case with 1/4, 1/2, 2 and combined 3/4 and 1 1/2in objectives, analyser, polariser, four oculars, stage forceps and bench condenser, two drawers of slides, the microscope 15in (38 cm) high

£1,500 - 2,500
€1,900 - 3,200

226

AN ABRAHAM AND CO BRASS COMPOUND MONOCULAR MICROSCOPE, ENGLISH, MID 19TH CENTURY,

signed Abraham & Co, Opticians, Liverpool in fitted mahogany case with 1 in and 1/4in objectives and two oculars, in mahogany case, when erected 11in (28cm) high

£500 - 700
€640 - 900

Abraham and Dancer worked in partnership for a while

227

A RARE J.B. DANCER BRASS TEXTILE MONOCULAR MICROSCOPE, ENGLISH, CIRCA 1870,

unsigned but with Dancer trade label, with draw tube focusing, circular stage/base and condenser on adjustable arm, in original cylindrical metal case with label applied to the side printed This Microscope is intended to be used for the examination of Mildew, spots and Stains on Calici Linen etc...., 8in (20cm) high

£500 - 800
€640 - 1,000

226



227





228



231



229



230

228

A J.B. DANCER BRASS MINER'S DIAL, ENGLISH, LATE 19TH CENTURY,

signed Dancer Manchester, the silvered compass rose inset with two spirit levels mounted at right angles, mounted in a trunnion with altitude scale arc at the side and flanked by folding sights and spirit levels, in mahogany case with trade label 12in (30.5cm) wide

£500 - 700

€640 - 900

229

A J.B. DANCER SURVEYOR'S COMPASS, ENGLISH, LATE 19TH CENTURY,

signed J B Dancer Optician Manchester, the silvered compass rose with inset bubble level and engraved scales and cardinal pointers, in folding mahogany case with hinged brass open sights, when closed 6 1/2in (16cm) wide

£500 - 700

€640 - 900

230^{Y Φ}

A J.B. DANCER STICK BAROMETER, ENGLISH, LATE 19TH CENTURY,

signed J B Dancer Optican Manchester, with ivory scales and verniers, in oak case with mercury thermometer mounted in the front 36in (92cm) high

£700 - 900

€900 - 1,200

231

A J.B. DANCER BRASS COMPOUND MONOCULAR MICROSCOPE ENGLISH, CIRCA 1870,

unsigned but with Dancer trade label applied to door interior, of Lister limb construction with rack and pinion and lever and screw focusing, mechanical stage and plano/concave reflector, in fitted case with ocular, two objectives and one draw of slides including three micro photographs 14in (36cm) high

£1,200 - 1,800

€1,500 - 2,300

232



232

A FINE J.B. DANCER BRASS BINOCULAR/MONOCULAR COMPOUND MICROSCOPE, ENGLISH, CIRCA 1865,

signed on the foot, "J.B.Dancer Manchester Optician No. 310" and on the binocular tube "Registered No.4380 June 27th 1861, with monocular and binocular tubes, rack and pinion and lever and screw focusing, mechanical stage with substage wheel of stops and plano/ concave reflector, on tripod base, in fitted mahogany case with six oculars, six objectives (3, 2, 3/4, 1/2, 1/4 and 1/8in), analyser, polariser, dark ground condenser, stage forceps, and various sets of slides including twelve Dancer micro photographs, trade label applied to door interior, 15in (38cm) high

£3,000 - 5,000
€3,800 - 6,400

233

A J.B. DANCER BRASS COMPOUND MONOCULAR MICROSCOPE, ENGLISH, CIRCA 1870,

J.B. Dancer Optician Manchester, the Lister limb construction with rack and pinion and lever and screw focusing, supported in a trunion above tripod base, in fitted mahogany case with two oculars and four objectives, polariser, sub-stage wheel of stops, live box and with a large collection of slides mounted in six drawers, various slides, trade label applied to door interior 16in (41cm) high

£1,500 - 2,000
€1,900 - 2,600



233



235



234

234

A JOHN BROWNING BRASS COMPOUND MONOCULAR MICROSCOPE, ENGLISH, CIRCA 1860,

signed John Browning London 274, with rack and pinion and lever and screw focusing, mechanical stage and plano/concave reflector, in mahogany case with two oculars and three objectives, 2, 1 and 1/4 ins, 15in (38cm) high

£500 - 800

€640 - 1,000

235

A J.B. DANCER BRASS MONOCULAR COMPOUND MICROSCOPE ENGLISH, MID 19TH CENTURY,

signed J B Dancer Optican Manchester, in mahogany case with ten objectives, two oculars and various slides in four drawers, trade label applied to the door interior, the microscope 15in (38cm) high

£1,200 - 1,800

€1,500 - 2,300



236



237

SCIENTIFIC INSTRUMENTS: VARIOUS PROPERTIES

236

A POWELL & LEALAND COMPOUND BINOCULAR MICROSCOPE, ENGLISH, LATE 19TH CENTURY,

signed Powell & Lealand 170 Euston Road, London, with lever and screw and rack and pinion focusing, mechanical stage, sub-stage condenser and plano/concave reflector, two oculars, 1/4, 1/2 and 1 1/2in objectives and a substage attachment with wheel of stops in mahogany case; together with a binocular attachment for a compound microscope, signed Stephenson's Binocular John Browning London, the microscope 19in (48cm) high

£600 - 900

€770 - 1,200

237

A CHARLES COLLINS BRASS COMPOUND BINOCULAR MICROSCOPE, ENGLISH, CIRCA 1870,

signed Chas. Collins Optician 77 Gt. Titchfield Street London, with rack and pinion and lever and screw focusing, mechanical stage and plano/concave mirror, in mahogany case with two oculars and three objectives, polariser and bench condenser, 16in (41cm) high

£500 - 700

€640 - 900



238

238

A J SWIFT & SON MONOCULAR POLARISING MICROSCOPE, ENGLISH, LATE 19TH CENTURY,

with revolving circular stage in mahogany case with analyser, polariser, four oculars, five objectives, stage forceps and bench condenser, 14 1/2in (37cm) high

£800 - 1,200

€1,000 - 1,500

239

A BECK COMPOUND BINOCULAR MICROSCOPE, ENGLISH, 20TH CENTURY,

model 48, the coated metal body with triple turret nosepiece and mechanical stage in mahogany case with three objectives and two oculars, 14in (35.5cm) high

£250 - 350

€320 - 450

240

A COOKE, TROUGHTON & SIMMS LTD PHASE CONTRAST COMPOUND BINOCULAR MICROSCOPE, 20TH CENTURY,

with electrical illuminant, quadruple nose-piece, in mahogany case with full set of accessories including six oculars, four objectives, sub stage, condenser, the case 16in (41cm) high

£600 - 900

€770 - 1,200

241^Y

A LARGE COLLECTION OF MICROSCOPE SPECIMEN SLIDES, ENGLISH, MID 19TH CENTURY,

including diatoms, mineral sections, micro-funghi, algae, botanical and animal subjects, professionally and amateur mounted together with a number of opaque botanical slides, contained in a large mahogany slide cabinet with glazed front, smaller pine cabinet with glazed front and two smaller cases, the larger, 14in (36cm) wide

£800 - 1,200

€1,000 - 1,500



239



240



241

242



243



244



245



246



242

AN R & J BECK STUDENT'S MONOCULAR MICROSCOPE,
with rack and pinion and millscrew focusing on tripod base in
mahogany case with two oculars and two objectives, 10in (25.5cm)
high

£250 - 350
€320 - 450

243

A NEGRETTI & ZAMBRA BRASS MONOCULAR MICROSCOPE,
in fitted mahogany case, with two oculars, two objectives, bench
condenser and live box, complete with glazed door, 11 1/2in (29cm)
high

£300 - 400
€380 - 510

244

**A J. SWIFT & SON BRASS COMPOUND MONOCULAR
MICROSCOPE, ENGLISH, CIRCA 1900,**
with rack and pinion and mill screw focusing in fitted mahogany case
with two oculars and three objectives, 11in (28cm) *high*

£300 - 500
€380 - 640

245

**A BAUSCH & LOMB STUDENT'S BRASS MONOCULAR
MICROSCOPE, ENGLISH, CIRCA 1900,**
with rack and pinion and millscrew focusing, in mahogany case with
two oculars and two objectives, 11 1/2in (29cm) *high*

£250 - 350
€320 - 450

246

**A STUDENT'S BRASS MONOCULAR MICROSCOPE, ENGLISH,
CIRCA 1900,**
with draw tube and millscrew focusing in mahogany case, with two
objectives and two oculars, together with a brass magnifier in card
case 10 1/2in (27cm) *high* (2)

£200 - 300
€260 - 380

247



247

A SMITH & BECK BRASS COMPOUND MONOCULAR MICROSCOPE, ENGLISH, CORCA 1870,

signed Smith & Beck 6 Coleman St London 575, the Lister-limb construction with rack and pinion and lever and calibrated screw focusing, mechanical stage with wheel of stops and plano/concave mirror below, in fitted mahogany case with two oculars, 1/5, 2/3 and 1 1/2in objectives, polariser, parabolic reflector, dark ground condenser, stage forceps and bench condenser, 15in (38cm) high

£800 - 1,200
€1,000 - 1,500

248

A VAN LEEUWENHOEK TYPE BRASS MICROSCOPE, PROBABLY LATE 19TH CENTURY,

with glass lens, shaped brass plate and screw adjustment to the pin object holder, on modern turned wood stand, under glass dome the microscope, 3 1/4in (8cm) high

£1,500 - 2,000
€1,900 - 2,600

Bonhams is grateful to the Museum Boerhaave for supplying a report on this instrument.

See: Beads of Glass: Leeuwenhoek and the early microscope,

249^Y

A GOOD COLLECTION OF MICROSCOPE SPECIMEN SLIDES, ENGLISH, FIRST HALF OF THE 19TH CENTURY,

mahogany case with hinged lid, opening to four trays of opaque specimen slides, a draw in the base mounted with further glass slides, the case 11 1/2in (29cm) wide

£600 - 800
€770 - 1,000

End of Sale

248



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Wednesday 22 October, 2014
New York

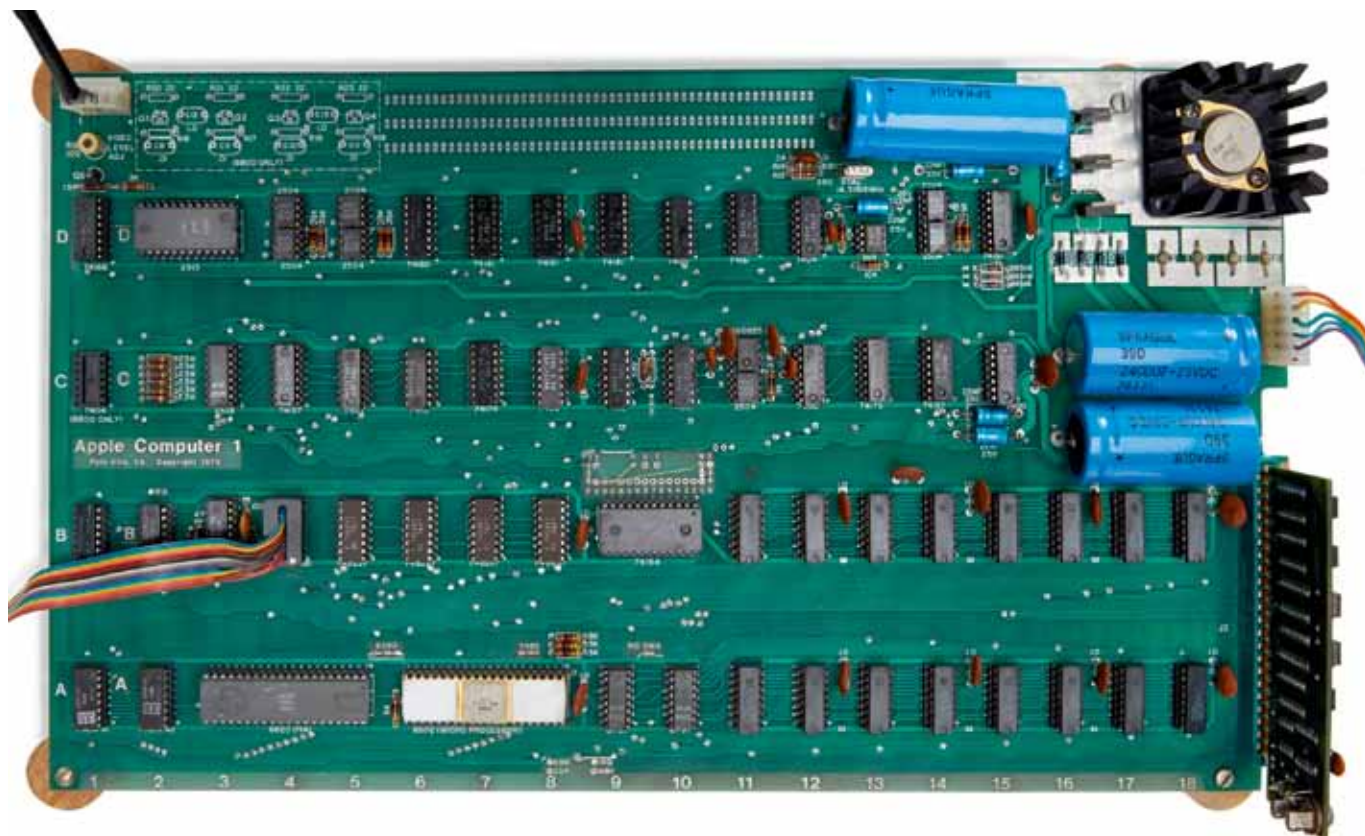
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LEICA III, 1937

No. 257492

HK\$3,000,000 - 4,000,000

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\$390,000 - 520,000

The camera was used by a Soviet photojournalist Yevgeni Khaldei to photograph the famous 'Raising of the Soviet Flag' over Reichstag, 1 May, 1945.

VIEWING

27 - 29 November 2014

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HONG KONG

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Archives and fitted box Ref:533,
Case No.621724, made in 1940
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Tuesday 27 and
Wednesday 28 January 2015
Knightsbridge, London

GOURLAY STEELL, RSA (BRITISH, 1819-1894)

A red and white Ayrshire bull
oil on canvas

102 x 127.5cm
(40 3/16 x 50 3/16in).

Sold for £20,000, January 2014

ENQUIRIES

+44 (0) 20 7393 3872
jon.baddeley@bonhams.com

Closing date for entries

Friday 14 November 2014



Bonhams

bonhams.com/gentlemanslibrary

Prices shown include buyer's premium. Details can be found at bonhams.com

WELLINGTON, WATERLOO AND THE NAPOLEONIC WARS

Wednesday 1 April 2015
New Bond Street, London

**THOMAS JONES BARKER
(BRITISH, 1815-1882)**

The battle of Waterloo
oil on canvas
102 x 135cm (40 3/16 x 53 1/8in).

**£20,000 - 30,000
€25,000 - 38,000**

ENQUIRIES

+44 (0) 20 7393 3872
jon.baddeley@bonhams.com



Bonhams

LONDON

bonhams.com

NOTICE TO BIDDERS

This notice is addressed by *Bonhams* to any person who may be interested in a *Lot*, including *Bidders* and potential *Bidders* (including any eventual *Buyer* of the *Lot*). For ease of reference we refer to such persons as “*Bidders*” or “you”. Our List of Definitions and Glossary is incorporated into this *Notice to Bidders*. It is at Appendix 3 at the back of the *Catalogue*. Where words and phrases are used in this notice which are in the List of Definitions, they are printed in italics.

IMPORTANT: Additional information applicable to the *Sale* may be set out in the *Catalogue* for the *Sale*, in an insert in the *Catalogue* and/or in a notice displayed at the *Sale* venue and you should read them as well. Announcements affecting the *Sale* may also be given out orally before and during the *Sale* without prior written notice. You should be alert to the possibility of changes and ask in advance of bidding if there have been any.

1. OUR ROLE

In its role as *Auctioneer* of *Lots*, *Bonhams* acts solely for and in the interests of the *Seller*. *Bonhams’* job is to sell the *Lot* at the highest price obtainable at the *Sale* to a *Bidder*. *Bonhams* does not act for *Buyers* or *Bidders* in this role and does not give advice to *Buyers* or *Bidders*. When it or its staff make statements about a *Lot* or, if *Bonhams* provides a *Condition Report* on a *Lot* it is doing that on behalf of the *Seller* of the *Lot*. *Bidders* and *Buyers* who are themselves not expert in the *Lots* are strongly advised to seek and obtain independent advice on the *Lots* and their value before bidding for them. The *Seller* has authorised *Bonhams* to sell the *Lot* as its agent on its behalf and, save where we expressly make it clear to the contrary, *Bonhams* acts only as agent for the *Seller*. Any statement or representation we make in respect of a *Lot* is made on the *Seller’s* behalf and, unless *Bonhams* sells a *Lot* as principal, not on our behalf and any *Contract for Sale* is between the *Buyer* and the *Seller* and not with us. If *Bonhams* sells a *Lot* as principal this will either be stated in the *Catalogue* or an announcement to that effect will be made by the *Auctioneer*, or it will be stated in a notice at the *Sale* or an insert in the *Catalogue*.

Bonhams does not owe or undertake or agree to any duty or responsibility to you in contract or tort (whether direct, collateral, express, implied or otherwise). If you successfully bid for a *Lot* and buy it, at that stage *Bonhams* does enter into an agreement with the *Buyer*. The terms of that contract are set out in our *Buyer’s Agreement*, which you will find at Appendix 2 at the back of the *Catalogue*. This will govern *Bonhams’* relationship with the *Buyer*.

2. LOTS

Subject to the *Contractual Description* printed in bold letters in the *Entry* about the *Lot* in the *Catalogue* (see paragraph 3 below), *Lots* are sold to the *Buyer* on an “as is” basis, with all faults and imperfections. Illustrations and photographs contained in the *Catalogue* (other than photographs forming part of the *Contractual Description*) or elsewhere of any *Lots* are for identification purposes only. They may not reveal the true condition of the *Lot*. A photograph or illustration may not reflect an accurate reproduction of the colour(s) of the *Lot*. *Lots* are available for inspection prior to the *Sale* and it is for you to satisfy yourself as to each and every aspect of a *Lot*, including its authorship, attribution, condition, provenance, history, background, authenticity, style, period, age, suitability, quality, roadworthiness (if relevant), origin, value and estimated selling price (including the *Hammer Price*). It is your responsibility to examine any *Lot* in which you are interested. It should be remembered that the actual condition of a *Lot* may not be as good as that indicated by its outward appearance. In particular, parts may have been replaced or renewed and *Lots* may not be authentic or of satisfactory quality; the inside of a *Lot* may not be visible and may not be original or may be damaged, as for example where it is covered by upholstery or material. Given the age of many *Lots* they may have been damaged and/or repaired and you should not assume that a *Lot* is in good condition. Electronic or mechanical parts may not operate or may not comply with current statutory requirements. You should not assume that electrical items designed to operate on mains electricity will be suitable for connection to the mains electricity supply and you should obtain a report from

a qualified electrician on their status before doing so. Such items which are unsuitable for connection are sold as items of interest for display purposes only. If you yourself do not have expertise regarding a *Lot*, you should consult someone who does to advise you. We can assist in arranging facilities for you to carry out or have carried out more detailed inspections and tests. Please ask our staff for details.

Any person who damages a *Lot* will be held liable for the loss caused.

3. DESCRIPTIONS OF LOTS AND ESTIMATES

Contractual Description of a Lot

The *Catalogue* contains an *Entry* about each *Lot*. Each *Lot* is sold by its respective *Seller* to the *Buyer* of the *Lot* as corresponding only with that part of the *Entry* which is printed in bold letters and (except for the colour, which may be inaccurately reproduced) with any photograph of the *Lot* in the *Catalogue*. The remainder of the *Entry*, which is not printed in bold letters, represents *Bonhams’* opinion (given on behalf of the *Seller*) about the *Lot* only and is not part of the *Contractual Description* in accordance with which the *Lot* is sold by the *Seller*.

Estimates

In most cases, an *Estimate* is printed beside the *Entry*. *Estimates* are only an expression of *Bonhams’* opinion made on behalf of the *Seller* of the range where *Bonhams* thinks the *Hammer Price* for the *Lot* is likely to fall; it is not an *Estimate* of value. It does not take into account any VAT or *Buyer’s Premium* payable. *Lots* can in fact sell for *Hammer Prices* below and above the *Estimate*. Any *Estimate* should not be relied on as an indication of the actual selling price or value of a *Lot*. *Estimates* are in the currency of the *Sale*.

Condition Reports

In respect of most *Lots*, you may ask for a *Condition Report* on its physical condition from *Bonhams*. If you do so, this will be provided by *Bonhams* on behalf of the *Seller* free of charge. *Bonhams* is not entering into a contract with you in respect of the *Condition Report* and accordingly does not assume responsibility to you in respect of it. Nor does the *Seller* owe or agree to owe you as a *Bidder* any obligation or duty in respect of this free report about a *Lot*, which is available for your own inspection or for inspection by an expert instructed by you. However, any written *Description* of the physical condition of the *Lot* contained in a *Condition Report* will form part of the *Contractual Description* of the *Lot* under which it is sold to any *Buyer*.

The Seller’s responsibility to you

The *Seller* does not make or agree to make any representation of fact or contractual promise, *Guarantee* or warranty and undertakes no obligation or duty, whether in contract or in tort (other than to the eventual *Buyer* as set out above), in respect of the accuracy or completeness of any statement or representation made by him or on his behalf, which is in any way descriptive of any *Lot* or as to the anticipated or likely selling price of any *Lot*. Other than as set out above, no statement or representation in any way descriptive of a *Lot* or any *Estimate* is incorporated into any *Contract for Sale* between a *Seller* and a *Buyer*.

Bonhams’ responsibility to you

You have the opportunity of examining the *Lot* if you want to and the *Contract for Sale* for a *Lot* is with the *Seller* and not with *Bonhams*; *Bonhams* acts as the *Seller’s* agent only (unless *Bonhams* sells the *Lot* as principal).

Bonhams undertakes no obligation to you to examine, investigate or carry out any tests, either in sufficient depth or at all, on each *Lot* to establish the accuracy or otherwise of any *Descriptions* or opinions given by *Bonhams*, or by any person on *Bonhams’* behalf, whether in the *Catalogue* or elsewhere.

You should not suppose that such examinations, investigations or tests have occurred.

Bonhams does not make or agree to make any representation of fact, and undertakes no obligation or duty (whether in contract or tort) in respect of the accuracy or completeness of any statement or representation made by *Bonhams* or on

Bonhams’ behalf which is in any way descriptive of any *Lot* or as to the anticipated or likely selling price of any *Lot*. No statement or representation by *Bonhams* or on its behalf in any way descriptive of any *Lot* or any *Estimate* is incorporated into our *Buyer’s Agreement*.

Alterations

Descriptions and *Estimates* may be amended at *Bonhams’* discretion from time to time by notice given orally or in writing before or during a *Sale*.

THE *LOT* IS AVAILABLE FOR INSPECTION AND YOU MUST FORM YOUR OWN OPINION IN RELATION TO IT. YOU ARE STRONGLY ADVISED TO EXAMINE ANY *LOT* OR HAVE IT EXAMINED ON YOUR BEHALF BEFORE THE *SALE*.

4. CONDUCT OF THE SALE

Our *Sales* are public auctions which persons may attend and you should take the opportunity to do so. We do reserve the right at our sole discretion to refuse admission to our premises or to any *Sale* without stating a reason. We have complete discretion as to whether the *Sale* proceeds, whether any *Lot* is included in the *Sale*, the manner in which the *Sale* is conducted and we may offer *Lots* for *Sale* in any order we choose notwithstanding the numbers given to *Lots* in the *Catalogue*. You should therefore check the date and starting time of the *Sale*, whether there have been any withdrawals or late entries. Remember that withdrawals and late entries may affect the time at which a *Lot* you are interested in is put up for *Sale*. We have complete discretion to refuse any bid, to nominate any bidding increment we consider appropriate, to divide any *Lot*, to combine two or more *Lots*, to withdraw any *Lot* from a *Sale* and, before the *Sale* has been closed, to put up any *Lot* for auction again. Auction speeds can exceed 100 *Lots* to the hour and bidding increments are generally about 10%. However these do vary from *Sale* to *Sale* and from *Auctioneer* to *Auctioneer*. Please check with the department organising the *Sale* for advice on this. Where a *Reserve* has been applied to a *Lot*, the *Auctioneer* may, in his absolute discretion, place bids (up to an amount not equalling or exceeding such *Reserve*) on behalf of the *Seller*. We are not responsible to you in respect of the presence or absence of any *Reserve* in respect of any *Lot*. If there is a *Reserve* it will normally be no higher than the lower figure for any *Estimate* in the *Catalogue*, assuming that the currency of the *Reserve* has not fluctuated adversely against the currency of the *Estimate*. The *Buyer* will be the *Bidder* who makes the highest bid acceptable to the *Auctioneer* for any *Lot* (subject to any applicable *Reserve*) to whom the *Lot* is knocked down by the *Auctioneer* at the fall of the *Auctioneer’s* hammer. Any dispute as to the highest acceptable bid will be settled by the *Auctioneer* in his absolute discretion. All bids tendered will relate to the actual *Lot* number announced by the *Auctioneer*. An electronic currency converter may be used at the *Sale*. This equipment is provided as a general guide as to the equivalent amount in certain currencies of a given bid. We do not accept any responsibility for any errors which may occur in the use of the currency converter. We may use video cameras to record the *Sale* and may record telephone calls for reasons of security and to assist in solving any disputes which may arise in relation to bids made at the *Sale*. At some *Sales*, for example, jewellery *Sales*, we may use screens on which images of the *Lots* will be projected. This service is provided to assist viewing at the *Sale*. The image on the screen should be treated as an indication only of the current *Lot*. It should be noted that all bids tendered will relate to the actual *Lot* number announced by the *Auctioneer*. We do not accept any responsibility for any errors which may occur in the use of the screen.

5. BIDDING

We do not accept bids from any person who has not completed and delivered to us one of our *Bidding Forms*, either our *Bidder Registration Form*, *Absentee Bidding Form* or *Telephone Bidding Form*. You will be asked for proof of identity, residence and references, which, when asked for, you must supply if your bids are to be accepted by us. Please bring your passport, driving licence (or similar photographic proof of identity) and proof of address. We may request a deposit from you before allowing you to bid. We may refuse entry to a *Sale* to any person even if that person has completed a *Bidding Form*.

Bidding in person

You should come to our *Bidder* registration desk at the *Sale* venue and fill out a *Bidder* Registration Form on (or, if possible, before) the day of the *Sale*. The bidding number system is sometimes referred to as “paddle bidding”. You will be issued with a large card (a “paddle”) with a printed number on it. This will be attributed to you for the purposes of the *Sale*. Should you be a successful *Bidder* you will need to ensure that your number can be clearly seen by the *Auctioneer* and that it is your number which is identified as the *Buyer's*. You should not let anyone else use your paddle as all *Lots* will be invoiced to the name and address given on your *Bidder* Registration Form. Once an invoice is issued it will not be changed. If there is any doubt as to the *Hammer Price* of, or whether you are the successful *Bidder* of, a particular *Lot*, you must draw this to the attention of the *Auctioneer* before the next *Lot* is offered for *Sale*. At the end of the *Sale*, or when you have finished bidding please return your paddle to the *Bidder* registration desk.

Bidding by telephone (only available on lots with a low estimate greater than £400)

If you wish to bid at the *Sale* by telephone, please complete a Telephone *Bidding Form*, which is available from our offices or in the *Catalogue*. Please then return it to the office responsible for the *Sale* at least 24 hours in advance of the *Sale*. It is your responsibility to check with our Bids Office that your bid has been received. Telephone calls will be recorded. The telephone bidding facility is a discretionary service and may not be available in relation to all *Lots*. We will not be responsible for bidding on your behalf if you are unavailable at the time of the *Sale* or if the telephone connection is interrupted during bidding. Please contact us for further details.

Bidding by post or fax

Absentee *Bidding Forms* can be found in the back of this *Catalogue* and should be completed and sent to the office responsible for the *Sale*. It is in your interests to return your form as soon as possible, as if two or more *Bidders* submit identical bids for a *Lot*, the first bid received takes preference. In any event, all bids should be received at least 24 hours before the start of the *Sale*. Please check your Absentee *Bidding Form* carefully before returning it to us, fully completed and signed by you. It is your responsibility to check with our Bids Office that your bid has been received. This additional service is complimentary and is confidential. Such bids are made at your own risk and we cannot accept liability for our failure to receive and/or place any such bids. All bids made on your behalf will be made at the lowest level possible subject to *Reserves* and other bids made for the *Lot*. Where appropriate your bids will be rounded down to the nearest amount consistent with the *Auctioneer's* bidding increments. New *Bidders* must also provide proof of identity and address when submitting bids. Failure to do this will result in your bid not being placed.

Bidding via the internet

Please visit our *Website* at <http://www.bonhams.com> for details of how to bid via the internet.

Bidding through an agent

Bids will be accepted as placed on behalf of the person named as the principal on the *Bidding Form* although we may refuse to accept bids from an agent on behalf of a principal and will require written confirmation from the principal confirming the agent's authority to bid. Nevertheless, as the *Bidding Form* explains, any person placing a bid as agent on behalf of another (whether or not he has disclosed that fact or the identity of his principal) will be jointly and severally liable with the principal to the *Seller* and to *Bonhams* under any contract resulting from the acceptance of a bid. Subject to the above, please let us know if you are acting on behalf of another person when bidding for *Lots* at the *Sale*.

Equally, please let us know if you intend to nominate another person to bid on your behalf at the *Sale* unless this is to be carried out by us pursuant to a Telephone or Absentee *Bidding Form* that you have completed. If we do not approve the agency arrangements in writing before the *Sale*, we are entitled to assume that the person bidding at the *Sale* is bidding on his own behalf. Accordingly, the person bidding at the *Sale* will be the *Buyer* and will be liable to pay the *Hammer Price* and *Buyer's Premium* and associated charges. If we approve the

identity of your client in advance, we will be in a position to address the invoice to your principal rather than you. We will require proof of the agent's client's identity and residence in advance of any bids made by the agent on his behalf. Please refer to our *Conditions of Business* and contact our Customer Services Department for further details.

6. CONTRACTS BETWEEN THE BUYER AND SELLER AND THE BUYER AND BONHAMS

On the *Lot* being knocked down to the *Buyer*, a *Contract for Sale* of the *Lot* will be entered into between the *Seller* and the *Buyer* on the terms of the *Contract for Sale* set out in Appendix 1 at the back of the *Catalogue*. You will be liable to pay the *Purchase Price*, which is the *Hammer Price* plus any applicable *VAT*. At the same time, a separate contract is also entered into between us as *Auctioneers* and the *Buyer*. This is our *Buyer's Agreement*, the terms of which are set out in Appendix 2 at the back of the *Catalogue*. Please read the terms of the *Contract for Sale* and our *Buyer's Agreement* contained in the *Catalogue* in case you are the successful *Bidder*. We may change the terms of either or both of these agreements in advance of their being entered into, by setting out different terms in the *Catalogue* and/or by placing an insert in the *Catalogue* and/or by notices at the *Sale* venue and/or by oral announcements before and during the *Sale*. You should be alert to this possibility of changes and ask if there have been any.

7. BUYER'S PREMIUM AND OTHER CHARGES PAYABLE BY THE BUYER

Under the *Buyer's Agreement*, a premium (the *Buyer's Premium*) is payable to us by the *Buyer* in accordance with the terms of the *Buyer's Agreement* and at rates set out below, calculated by reference to the *Hammer Price* and payable in addition to it. Storage charges and *Expenses* are also payable by the *Buyer* as set out in the *Buyer's Agreement*. All the sums payable to us by the *Buyer* are subject to *VAT*. For this *Sale* the following rates of *Buyer's Premium* will be payable by *Buyers* of *Lots*:

25% up to £50,000 of the *Hammer Price*
20% from £50,001 to £1,000,000 of the *Hammer Price*
12% from £1,000,001 of the *Hammer Price*

On certain *Lots*, which will be marked “AR” in the *Catalogue* and which are sold for a *Hammer Price* of €1,000 or greater (converted into the currency of the *Sale* using the European Central Bank Reference rate prevailing on the date of the *Sale*), the *Additional Premium* will be payable to us by the *Buyer* to cover our *Expenses* relating to the payment of royalties under the Artists Resale Right Regulations 2006. The *Additional Premium* will be a percentage of the amount of the *Hammer Price* calculated in accordance with the table below, and shall not exceed €12,500 (converted into the currency of the *Sale* using the European Central Bank Reference rate prevailing on the date of the *Sale*).

<i>Hammer Price</i>	Percentage amount
From €0 to €50,000	4%
From €50,000.01 to €200,000	3%
From €200,000.01 to €350,000	1%
From €350,000.01 to €500,000	0.5%
Exceeding €500,000	0.25%

8. VAT

The prevailing rate of *VAT* at the time of going to press is 20%, but this is subject to government change and the rate payable will be the rate in force on the date of the *Sale*.

The following symbols are used to denote that *VAT* is due on the *Hammer Price* and *Buyer's Premium*:

- † *VAT* at the prevailing rate on *Hammer Price* and *Buyer's Premium*
- Ω *VAT* on imported items at the prevailing rate on *Hammer Price* and *Buyer's Premium*
- * *VAT* on imported items at a preferential rate of 5% on *Hammer Price* and the prevailing rate on *Buyer's Premium*

- G Gold bullion exempt from *VAT* on the *Hammer Price* and subject to *VAT* at the prevailing rate on the *Buyer's Premium*
- Zero rated for *VAT*, no *VAT* will be added to the *Hammer Price* or the *Buyer's Premium*
- α *Buyers* from within the EU: *VAT* is payable at the prevailing rate on just the *Buyer's Premium* (NOT the *Hammer Price*). *Buyers* from outside the EU: *VAT* is payable at the prevailing rate on both *Hammer Price* and *Buyer's Premium*. If a *Buyer*, having registered under a non-EU address, decides that the item is not to be exported from the EU, then he should advise *Bonhams* immediately.

In all other instances no *VAT* will be charged on the *Hammer Price*, but *VAT* at the prevailing rate will be added to *Buyer's Premium* which will be invoiced on a *VAT* inclusive basis.

9. PAYMENT

It is of critical importance that you ensure that you have readily available funds to pay the *Purchase Price* and the *Buyer's Premium* (plus *VAT* and any other charges and *Expenses* to us) in full before making a bid for the *Lot*. If you are a successful *Bidder*, payment will be due to us by 4.30 pm on the second working day after the *Sale* so that all sums are cleared by the eighth working day after the *Sale*. Unless agreed by us in advance payments made by anyone other than the registered *Buyer* will not be accepted. Payment will have to be by one of the following methods (all cheques should be made payable to Bonhams 1793 Limited). *Bonhams* reserves the right to vary the terms of payment at any time.

Sterling personal cheque drawn on a UK branch of a bank or building society: all cheques must be cleared before you can collect your purchases;

Bankers draft/building society cheque: if you can provide suitable proof of identity and we are satisfied as to the genuineness of the draft or cheque, we will allow you to collect your purchases immediately;

Cash: you may pay for *Lots* purchased by you at this *Sale* with notes, coins or travellers cheques in the currency in which the *Sale* is conducted (but not any other currency) provided that the total amount payable by you in respect of all *Lots* purchased by you at the *Sale* does not exceed £3,000, or the equivalent in the currency in which the *Sale* is conducted, at the time when payment is made. If the amount payable by you for *Lots* exceeds that sum, the balance must be paid otherwise than in coins, notes or travellers cheques;

Sterling travellers cheques: you may pay for *Lots* purchased by you at this *Sale* with travellers cheques, provided the total amount payable by you in respect of all *Lots* purchased by you at the *Sale* does not exceed £3,000. We will need to see your passport if you wish to pay using travellers cheques;

Bank transfer: you may electronically transfer funds to our *Trust Account*. If you do so, please quote your paddle number and invoice number as the reference. Our *Trust Account* details are as follows:

Bank: National Westminster Bank Plc
Address: PO Box 4RY
250 Regent Street
London W1A 4RY
Account Name: Bonhams 1793 Limited Trust Account
Account Number: 25563009
Sort Code: 56-00-27
IBAN Number: GB 33 NWBK 560027 25563009

If paying by bank transfer, the amount received after the deduction of any bank fees and/or conversion of the currency of payment to pounds sterling must not be less than the sterling amount payable, as set out on the invoice.

Debit cards: there is no additional charge for purchases made with personal debit cards, issued by a UK bank. Debit cards issued by an overseas bank, deferred and company debit cards and all credit cards will be subject to a 2% surcharge;

Union Pay cards: these are now accepted at our Knightsbridge and New Bond Street offices, when presented in person by the card holder. These cards are subject to a 2% surcharge.

Credit cards: Visa and Mastercard only. Please note there is a 2% surcharge on the total invoice value when payments are made using credit cards. It may be advisable to notify your card provider of your intended purchase in advance to reduce delays caused by us having to seek authority when you come to pay. If you have any questions with regard to payment, please contact our Customer Services Department.

10. COLLECTION AND STORAGE

The *Buyer* of a *Lot* will not be allowed to collect it until payment in full and in cleared funds has been made (unless we have made a special arrangement with the *Buyer*). For collection and removal of purchased *Lots*, please refer to *Sale* Information at the front of the *Catalogue*. Our offices are open 9.00am – 5pm Monday to Friday. Details relating to the collection of a *Lot*, the storage of a *Lot* and our *Storage Contractor* after the *Sale* are set out in the *Catalogue*.

11. SHIPPING

Please refer all enquiries to our shipping department on:
Tel: +44 (0)20 8963 2850/2852 Fax: +44 (0)20 8963 2805
Email: shipping@bonhams.com

12. EXPORT/TRADE RESTRICTIONS

It is your sole responsibility to comply with all export and import regulations relating to your purchases and also to obtain any relevant export and/or import licence(s). Export licences are issued by Arts Council England and application forms can be obtained from its Export Licensing Unit. The detailed provisions of the export licensing arrangements can be found on the ACE website <http://www.artscouncil.org.uk/what-we-do/supporting-museums/cultural-property/export-controls/export-licensing/> or by phoning ACE on +44 (0)20 7973 5188. The need for import licences varies from country to country and you should acquaint yourself with all relevant local requirements and provisions. The refusal of any import or export licence(s) or any delay in obtaining such licence(s) shall not permit the rescission of any *Sale* nor allow any delay in making full payment for the *Lot*. Generally, please contact our shipping department before the *Sale* if you require assistance in relation to export regulations.

13. CITES REGULATIONS

Please be aware that all *Lots* marked with the symbol Y are subject to CITES regulations when exporting these items outside the EU. These regulations may be found at <http://www.defra.gov.uk/ahvla-en/imports-exports/cites/> or may be requested from:

Animal Health and Veterinary Laboratories Agency (AHVLA)
Wildlife Licensing
Floor 1, Zone 17, Temple Quay House
2 The Square, Temple Quay
BRISTOL BS1 6EB
Tel: +44 (0) 117 372 8774

14. THE SELLERS AND/OR BONHAMS' LIABILITY

Other than any liability of the *Seller* to the *Buyer* of a *Lot* under the *Contract for Sale*, neither we nor the *Seller* are liable (whether in negligence or otherwise) for any error or misdescription or omission in any *Description* of a *Lot* or any *Estimate* in respect of it, whether contained in the *Catalogue* or otherwise, whether given orally or in writing and whether given before or during the *Sale*. Neither we nor the *Seller* will be liable for any loss of *Business*, profits, revenue or income, or for loss of reputation, or for disruption to *Business* or wasted time on the part of management or staff, or for indirect losses or consequential damages of any kind, irrespective in any case of the nature, volume or source of the loss or damage alleged to be suffered, and irrespective of whether the said loss or damage is caused by or claimed in respect of any negligence, other tort, breach of contract (if any) or statutory duty, restitutionary claim or otherwise. In any circumstances where we and/or the *Seller* are liable in relation to any *Lot* or

any *Description* or *Estimate* made of any *Lot*, or the conduct of any *Sale* in relation to any *Lot*, whether in damages, for an indemnity or contribution, or for a restitutionary remedy or otherwise, our and/or the *Seller's* liability (combined, if both we and the *Seller* are liable) will be limited to payment of a sum which will not exceed by way of maximum the amount of the *Purchase Price* of the *Lot* irrespective in any case of the nature, volume or source of any loss or damage alleged to be suffered or sum claimed as due, and irrespective of whether the liability arises from any negligence, other tort, breach of contract (if any) or statutory duty or otherwise. Nothing set out above will be construed as excluding or restricting (whether directly or indirectly) our liability or excluding or restricting any person's rights or remedies in respect of (i) fraud, or (ii) death or personal injury caused by our negligence (or by the negligence of any person under our control or for whom we are legally responsible), or (iii) acts or omissions for which we are liable under the Occupiers Liability Act 1957, or (iv) any other liability to the extent the same may not be excluded or restricted as a matter of law or (v) our undertakings under paragraphs 9 (in relation to specialist *Stamp* or *Book Sales* only) and 10 of the *Buyer's Agreement*. The same applies in respect of the *Seller*, as if references to us in this paragraph were substituted with references to the *Seller*.

15. BOOKS

As stated above, all *Lots* are sold on an "as is" basis, subject to all faults, imperfections and errors of *Description* save as set out below. However, you will be entitled to reject a *Book* in the circumstances set out in paragraph 11 of the *Buyers Agreement*. Please note that *Lots* comprising printed *Books*, unframed maps and bound manuscripts are not liable to VAT on the *Buyer's Premium*.

16. CLOCKS AND WATCHES

All *Lots* are sold "as is", and the absence of any reference to the condition of a clock or watch does not imply that the *Lot* is in good condition and without defects, repairs or restorations. Most clocks and watches have been repaired in the course of their normal lifetime and may now incorporate parts not original to them. Furthermore, *Bonhams* makes no representation or warranty that any clock or watch is in working order. As clocks and watches often contain fine and complex mechanisms, *Bidders* should be aware that a general service, change of battery or further repair work, for which the *Buyer* is solely responsible, may be necessary. *Bidders* should be aware that the importation of watches such as Rolex, Frank Muller and Corum into the United States is highly restricted. These watches may not be shipped to the USA and can only be imported personally.

17. FIREARMS – PROOF, CONDITION AND CERTIFICATION

Proof of Firearms

The term "proof exemption" indicates that a firearm has been examined at a Proof House, but not proved, as either (a) it was deemed of interest and not intended for use, or (b) ammunition was not available. In either case, the firearm must be regarded as unsafe to fire unless subsequently proved. Firearms proved for Black Powder should not be used with smokeless ammunition.

The term "Certificate of Unprovability" indicates that a firearm has been examined at a Proof House and is deemed both unsuitable for proof and use. Reproof is required before any such firearm is to be used.

Guns Sold as Parts

Barrels of guns sold as parts will only be made available for sleeving and measurements once rendered unserviceable according to the Gun Barrel Proof Act of 1968 to 1978 and the Rules of Proof.

Condition of Firearms

Comment in this *Catalogue* is restricted, in general, to exceptional condition and to those defects that might affect the immediate safety of a firearm in normal use. An intending *Bidder* unable to make technical examinations and assessments is recommended to seek advice from a gunmaker or from a

modern firearms specialist. All prospective *Bidders* are advised to consult the " of bore and wall-thickness measurements posted in the saleroom and available from the department. *Bidders* should note that guns are stripped only where there is a strong indication of a mechanical malfunction. Stripping is not, otherwise, undertaken. Guns intended for use should be stripped and cleaned beforehand. Hammer guns should have their rebound mechanisms checked before use. The safety mechanisms of all guns must be tested before use. All measurements are approximate.

Original Gun Specifications Derived from Gunmakers

The Sporting Gun Department endeavours to confirm a gun's original specification and date of manufacture with makers who hold their original records.

Licensing Requirements Firearms Act 1968 as amended

Bonhams is constantly reviewing its procedures and would remind you that, in the case of firearms or shotguns subject to certification, to conform with current legislation, *Bonhams* is required to see, as appropriate, your original registered firearms dealer's certificate / shot gun certificate / firearm certificate / museum firearms licence / Section 5 authority or import licence (or details of any exemption from which you may benefit, for instance Crown servant status) for the firearm(s) you have purchased prior to taking full payment of the amount shown on your invoice. Should you not already be in possession of such an authority or exemption, you are required to initially pay a deposit of 95% of the total invoice with the balance of 5% payable on presentation of your valid certificate or licence showing your authority to hold the firearm(s) concerned.

Please be advised that if a successful *Bidder* is then unable to produce the correct paperwork, the *Lot(s)* will be reoffered by *Bonhams* in the next appropriate *Sale*, on standard terms for *Sellers*, and you will be responsible for any loss incurred by *Bonhams* on the original *Sale* to you.

In the case of RFD certificates and Section 5 authorities, we wish to keep an up-to-date copy on file. Please supply us with a Fax or photocopy. It would be helpful if you could send us an updated copy whenever your certificate or authority is renewed or changed.

Lots marked 'S1' and bearing red labels are Section 1 firearms and require a valid British Firearms certificate, RFD Licence or import licence.

Lots marked 'S2' and bearing blue labels are Section 2 firearms and require a valid British Shotgun certificate, RFD licence or import licence.

Lots marked 'S5' and bearing specially marked red labels are Section 5 prohibited firearms and require a valid Section 5 Authority or import licence.

Lots marked with a 'S58' and bearing yellow labels are for obsolete calibres and no licence is required unless ammunition is held.

Unmarked *Lots* require no licence.

Please do not hesitate to contact the Modern Sporting Gun Department should you have any queries.

Taxidermy and Related Items

As a *Seller* of these articles, *Bonhams* undertakes to comply fully with Cites and DEFRA regulations. *Buyers* are advised to inform themselves of all such regulations and should expect the exportation of items to take some time to arrange.

18. FURNITURE

Upholstered Furniture

Whilst we take every care in cataloguing furniture which has been upholstered we offer no *Guarantee* as to the originality of the wood covered by fabric or upholstery.

19. JEWELLERY

~ Ruby and Jadeite

Ruby and jadeite gemstones of Burmese (Myanmar) origin may not be imported into the US. Rubies and jadeite of non-Burmese origin require certification before import into the US and it is the *Buyer's* responsibility to obtain all relevant and required export/import licences, certificates and documentation before shipping. Failure by the *Buyer* to successfully import goods into the US does not constitute grounds for non payment or cancellation of *Sale*. *Bonhams* will not be responsible for any additional costs in this regard howsoever incurred.

Gemstones

Historically many gemstones have been subjected to a variety of treatments to enhance their appearance. Sapphires and rubies are routinely heat treated to improve their colour and clarity, similarly emeralds are frequently treated with oils or resin for the same purpose. Other treatments such as staining, irradiation or coating may have been used on other gemstones. These treatments may be permanent, whilst others may need special care or re-treatment over the years to retain their appearance. *Bidders* should be aware that *Estimates* assume that gemstones may have been subjected to such treatments. A number of laboratories issue certificates that give more detailed *Descriptions* of gemstones. However there may not be consensus between different laboratories on the degrees, or types of treatment for any particular gemstone. In the event that *Bonhams* has been given or has obtained certificates for any *Lot* in the *Sale* these certificates will be disclosed in the *Catalogue*. Although, as a matter of policy, *Bonhams* endeavours to provide certificates from recognised laboratories for certain gemstones, it is not feasible to obtain certificates for each *Lot*. In the event that no certificate is published in the *Catalogue*, *Bidders* should assume that the gemstones may have been treated. Neither *Bonhams* nor the *Seller* accepts any liability for contradictions or differing certificates obtained by *Buyers* on any *Lots* subsequent to the *Sale*.

Estimated Weights

If a stone(s) weight appears within the body of the *Description* in capital letters, the stone(s) has been unmounted and weighed by *Bonhams*. If the weight of the stone(s) is stated to be approximate and does not appear in capital letters, the stone(s) has been assessed by us within its/their settings, and the stated weight is a statement of our opinion only. This information is given as a guide and *Bidders* should satisfy themselves with regard to this information as to its accuracy.

Signatures

1. A diamond brooch, by Kutchinsky

When the maker's name appears in the title, in *Bonhams'* opinion the piece is by that maker.

2. A diamond brooch, signed Kutchinsky

Has a signature that, in *Bonhams'* opinion, is authentic but may contain gemstones that are not original, or the piece may have been altered.

3. A diamond brooch, mounted by Kutchinsky

Has been created by the jeweller, in *Bonhams'* opinion, but using stones or designs supplied by the client.

20. PHOTOGRAPHS

Explanation of Catalogue Terms

- "Bill Brandt": in our opinion a work by the artist.
- "Attributed to Bill Brandt": in our opinion probably a work by the artist, but less certainty to authorship is expressed than in the preceding category.
- "Signed and/or titled and/or dated and/or inscribed": in our opinion the signature and/or title and/or date and/or inscription are in the artist's hand.
- "Signed and/or titled and/or dated and/or inscribed in another hand": in our opinion the signature and/or title and/or date and/or inscription have been added by another hand.

- The date given is that of the image (negative). Where no further date is given, this indicates that the photographic print is vintage (the term "vintage" may also be included in the *Lot Description*). A vintage photograph is one which was made within approximately 5-10 years of the negative. Where a second, later date appears, this refers to the date of printing. Where the exact printing date is not known, but understood to be later, "printed later" will appear in the *Lot Description*.
- Unless otherwise specified, dimensions given are those of the piece of paper on which the image is printed, including any margins. Some photographs may appear in the *Catalogue* without margins illustrated.
- All photographs are sold unframed unless stated in the *Lot Description*.

21. PICTURES

Explanation of Catalogue Terms

The following terms used in the *Catalogue* have the following meanings but are subject to the general provisions relating to *Descriptions* contained in the *Contract for Sale*:

- "Jacopo Bassano": in our opinion a work by the artist. When the artist's forename(s) is not known, a series of asterisks, followed by the surname of the artist, whether preceded by an initial or not, indicates that in our opinion the work is by the artist named;
- "Attributed to Jacopo Bassano": in our opinion probably a work by the artist but less certainty as to authorship is expressed than in the preceding category;
- "Studio/Workshop of Jacopo Bassano": in our opinion a work by an unknown hand in a studio of the artist which may or may not have been executed under the artist's direction;
- "Circle of Jacopo Bassano": in our opinion a work by a hand closely associated with a named artist but not necessarily his pupil;
- "Follower of Jacopo Bassano": in our opinion a work by a painter working in the artist's style, contemporary or nearly contemporary, but not necessarily his pupil;
- "Manner of Jacopo Bassano": in our opinion a work in the style of the artist and of a later date;
- "After Jacopo Bassano": in our opinion, a copy of a known work of the artist;
- "Signed and/or dated and/or inscribed": in our opinion the signature and/or date and/or inscription are from the hand of the artist;
- "Bears a signature and/or date and/or inscription": in our opinion the signature and/or date and/or inscription have been added by another hand.

22. PORCELAIN AND GLASS

Damage and Restoration

For your guidance, in our *Catalogues* we detail, as far as practicable, recorded all significant defects, cracks and restoration. Such practicable *Descriptions* of damage cannot be definitive, and in providing *Condition Reports*, we cannot *Guarantee* that there are no other defects present which have not been mentioned. *Bidders* should satisfy themselves by inspection, as to the condition of each *Lot*. Please see the *Contract for Sale* printed in this *Catalogue*. Because of the difficulty in determining whether an item of glass has been repolished, in our *Catalogues* reference is only made to visible chips and cracks. No mention is made of repolishing, severe or otherwise.

23. VEHICLES

The Veteran Car Club of Great Britain

Dating Plates and Certificates

When mention is made of a Veteran Car Club Dating Plate or Dating Certificate in this *Catalogue*, it should be borne in mind that the Veteran Car Club of Great Britain using the services of Veteran Car Company Ltd, does from time to time, review cars already dated and, in some instances, where fresh evidence becomes available, the review can result in an alteration of date. Whilst the Club and Veteran Car Company Ltd make every effort to ensure accuracy, the date shown on the Dating Plate or Dating Certificate cannot be guaranteed as correct and intending purchasers should make their own enquiries as to the date of the car.

24. WINE

Lots which are lying under Bond and those liable to VAT may not be available for immediate collection.

Examining the wines

It is occasionally possible to provide a pre-Sale tasting for larger parcels (as defined below). This is generally limited to more recent and everyday drinking wines. Please contact the department for details.

It is not our policy to inspect every unopened case. In the case of wines older than 20 years the boxes will usually have been opened and levels and appearance noted in the *Catalogue* where necessary. You should make proper allowance for variations in ullage levels and conditions of corks, capsules and labels.

Corks and Ullages

Ullage refers to the space between the base of the cork and the wine. Ullage levels for Bordeaux shaped bottles are only normally noted when below the neck and for Burgundy, Alsace, German and Cognac shaped bottles when greater than 4 centimetres (cm). Acceptable ullage levels increase with age; generally acceptable levels are as follows:

Under 15 years old – into neck or less than 4cm
15 to 30 years old – top shoulder (ts) or up to 5cm
Over 30 years old – high shoulder (hs) or up to 6cm

It should be noted that ullages may change between publication of the *Catalogue* and the *Sale* and that corks may fail as a result of transporting the wine. We will only accept responsibility for *Descriptions* of condition at the time of publication of the *Catalogue* and cannot accept responsibility for any loss resulting from failure of corks either before or after this point.

Options to buy parcels

A parcel is a number of *Lots* of identical size of the same wine, bottle size and *Description*. The *Buyer* of any of these *Lots* has the option to accept some or all of the remaining *Lots* in the parcel at the same price, although such options will be at the *Auctioneer's* sole discretion. Absentee *Bidders* are, therefore, advised to bid on the first *Lot* in a parcel.

Wines in Bond

Wines lying in Bond are marked Δ and VAT is payable by the purchaser, at the standard rate, on the *Hammer Price*, unless the wines are to remain under Bond. *Buyers* requiring their wine to remain in Bond must notify *Bonhams* at the time of the *Sale*. The *Buyer* is then himself responsible for all duty, clearance VAT and other charges that may be payable thereon. All such *Lots* must be transferred or collected within two weeks of the *Sale*.

Buyers outside the UK must be aware that any forwarding agent appointed to export their purchases must have a movement certificate for *Lots* to be released under Bond.

Bottling Details and Case Terms

The following terms used in the *Catalogue* have the following meanings:

CB – Château bottled
DB – Domaine bottled
EstB – Estate bottled
BB – Bordeaux bottled
BE – Belgian bottled
FB – French bottled
GB – German bottled
OB – Oporto bottled
UK – United Kingdom bottled
owc – original wooden case
iwc – individual wooden case
oc – original carton

SYMBOLS

THE FOLLOWING SYMBOLS ARE USED TO DENOTE

- Y Subject to CITES regulations when exporting these items outside the EU, see clause 13.
- W Objects displayed with a w will be located in the Bonhams Warehouse and will only be available for collection from this location.
- ≈ Please note that as a result of recent legislation ruby and jadeite gem stones of Burmese (Myanmar) origin may not be imported into the US. Rubies and jadeite of non-Burmese origin require certification before import into the US.
- Δ Wines lying in Bond.
- AR An Additional Premium will be payable to us by the Buyer to cover our Expenses relating to payment of royalties under the Artists Resale Right Regulations 2006. See clause 7 for details.
- The Seller has been guaranteed a minimum price for the Lot, either by Bonhams or a third party. This may take the form of an irrevocable bid by a third party, who may make a financial gain on a successful Sale or a financial loss if unsuccessful.
- ▲ Bonhams owns the Lot either wholly or partially or may otherwise have an economic interest.
- Φ This lot contains or is made of ivory. The United States Government has banned the import of ivory into the USA.

•, †, *, G, Ω, α see clause 8, VAT, for details.

DATA PROTECTION – USE OF YOUR INFORMATION

Where we obtain any personal information about you, we shall only use it in accordance with the terms of our Privacy Policy (subject to any additional specific consent(s) you may have given at the time your information was disclosed). A copy of our Privacy Policy can be found on our Website www.bonhams.com or requested by post from Customer Services Department, 101 New Bond Street, London, W1S 1SR or by email from info@bonhams.com

APPENDIX 1

CONTRACT FOR SALE

IMPORTANT: These terms may be changed in advance of the Sale of the Lot to you, by the setting out of different terms in the Catalogue for the Sale and/or by placing an insert in the Catalogue and/or by notices at the Sale venue and/or by oral announcements before and during the Sale at the Sale venue. You should be alert to this possibility of changes and ask in advance of bidding if there have been any.

Under this contract the Seller's liability in respect of the quality of the Lot, its fitness for any purpose and its conformity with any Description is limited. You are strongly advised to examine the Lot for yourself and/or obtain an independent examination of it before you buy it.

1 THE CONTRACT

- 1.1 These terms govern the Contract for Sale of the Lot by the Seller to the Buyer.
- 1.2 The Definitions and Glossary contained in Appendix 3 in the Catalogue are incorporated into this Contract for Sale and a separate copy can also be provided by Bonhams on request. Where words and phrases are used which are in the List of Definitions, they are printed in italics.
- 1.3 The Seller sells the Lot as the principal to the Contract for Sale, such contract being made between the Seller and you through Bonhams which acts in the sole capacity as the Seller's agent and not as an additional principal. However, if the Catalogue states that Bonhams sells the Lot as principal, or such a statement is made by an announcement by the Auctioneer, or by a notice at the Sale, or an insert in the Catalogue, then Bonhams is the Seller for the purposes of this agreement.
- 1.4 The contract is made on the fall of the Auctioneer's hammer in respect of the Lot when it is knocked down to you.

2 SELLER'S UNDERTAKINGS

- 2.1 The Seller undertakes to you that:
 - 2.1.1 the Seller is the owner of the Lot or is duly authorised to sell the Lot by the owner;
 - 2.1.2 save as disclosed in the Entry for the Lot in the Catalogue, the Seller sells the Lot with full title guarantee or, where the Seller is an executor, trustee, liquidator, receiver or administrator, with whatever right, title or interest he may have in the Lot;
 - 2.1.3 except where the Sale is by an executor, trustee, liquidator, receiver or administrator the Seller is both legally entitled to sell the Lot, and legally capable of conferring on you quiet possession of the Lot and that the Sale conforms in every respect with the terms implied by the Sale of Goods Act 1979, Sections 12(1) and 12(2) (see the Definitions and Glossary);
 - 2.1.4 the Seller has complied with all requirements, legal or otherwise, relating to any export or import of the Lot, and all duties and taxes in respect of the export or import of the Lot have (unless stated to the contrary in the Catalogue or announced by the Auctioneer) been paid and, so far as the Seller is aware, all third parties have complied with such requirements in the past;
 - 2.1.5 subject to any alterations expressly identified as such made by announcement or notice at the Sale venue or by the Notice to Bidders or by an insert in the Catalogue, the Lot corresponds with the Contractual Description of the Lot, being that part of the Entry about the Lot in the Catalogue which is in bold letters and (except for colour) with any photograph of the Lot in the Catalogue and the contents of any Condition Report which has been provided to the Buyer.

3 DESCRIPTIONS OF THE LOT

- 3.1 Paragraph 2.1.5 sets out what is the Contractual Description of the Lot. In particular, the Lot is not sold as corresponding with that part of the Entry in the Catalogue which is not printed in bold letters, which merely sets out (on the Seller's behalf) Bonhams' opinion about the Lot and which is not part of the Contractual Description upon which the Lot is sold. Any statement or representation other than that part of the Entry referred to in paragraph 2.1.5 (together with any express alteration to it as referred to in paragraph 2.1.5), including any Description or Estimate, whether made orally or in writing, including in the Catalogue or on Bonhams' Website, or by conduct, or otherwise, and whether by or on behalf of the Seller or Bonhams and whether made prior to or during the Sale, is not part of the Contractual Description upon which the Lot is sold.
- 3.2 Except as provided in paragraph 2.1.5, the Seller does not make or give and does not agree to make or give any contractual promise, undertaking, obligation, guarantee, warranty, or representation of fact, or undertake any duty of care, in relation to any Description of the Lot or any Estimate in relation to it, nor of the accuracy or completeness of any Description or Estimate which may have been made by or on behalf of the Seller including by Bonhams. No such Description or Estimate is incorporated into this Contract for Sale.

4 FITNESS FOR PURPOSE AND SATISFACTORY QUALITY

- 4.1 The Seller does not make and does not agree to make any contractual promise, undertaking, obligation, guarantee, warranty, or representation of fact in relation to the satisfactory quality of the Lot or its fitness for any purpose.

- 4.2 The Seller will not be liable for any breach of any undertaking, whether implied by the Sale of Goods Act 1979 or otherwise, as to the satisfactory quality of the Lot or its fitness for any purpose.

5 RISK, PROPERTY AND TITLE

- 5.1 Risk in the Lot passes to you when it is knocked down to you on the fall of the Auctioneer's hammer in respect of the Lot. The Seller will not be responsible thereafter for the Lot prior to you collecting it from Bonhams or the Storage Contractor, with whom you have separate contract(s) as Buyer. You will indemnify the Seller and keep the Seller fully indemnified from and against all claims, proceedings, costs, expenses and losses arising in respect of any injury, loss and damage caused to the Lot after the fall of the Auctioneer's hammer until you obtain full title to it.
- 5.2 Title to the Lot remains in and is retained by the Seller until the Purchase Price and all other sums payable by you to Bonhams in relation to the Lot have been paid in full to, and received in cleared funds by, Bonhams.

6 PAYMENT

- 6.1 Your obligation to pay the Purchase Price arises when the Lot is knocked down to you on the fall of the Auctioneer's hammer in respect of the Lot.
- 6.2 Time will be of the essence in relation to payment of the Purchase Price and all other sums payable by you to Bonhams. Unless agreed in writing with you by Bonhams on the Seller's behalf (in which case you must comply with the terms of that agreement), all such sums must be paid to Bonhams by you in the currency in which the Sale was conducted by not later than 4.30pm on the second working day following the Sale and you must ensure that the funds are cleared by the seventh working day after the Sale. Payment must be made to Bonhams by one of the methods stated in the Notice to Bidders unless otherwise agreed with you in writing by Bonhams. If you do not pay any sums due in accordance with this paragraph, the Seller will have the rights set out in paragraph 8 below.

7 COLLECTION OF THE LOT

- 7.1 Unless otherwise agreed in writing with you by Bonhams, the Lot will be released to you or to your order only when Bonhams has received cleared funds to the amount of the full Purchase Price and all other sums owed by you to the Seller and to Bonhams.
- 7.2 The Seller is entitled to withhold possession from you of any other Lot he has sold to you at the same or at any other Sale and whether currently in Bonhams' possession or not until payment in full and in cleared funds of the Purchase Price and all other sums due to the Seller and/or Bonhams in respect of the Lot.
- 7.3 You will collect and remove the Lot at your own expense from Bonhams' custody and/ or control or from the Storage Contractor's custody in accordance with Bonhams' instructions or requirements.
- 7.4 You will be wholly responsible for packing, handling and transport of the Lot on collection and for complying with all import or export regulations in connection with the Lot.
- 7.5 You will be wholly responsible for any removal, storage or other charges or Expenses incurred by the Seller if you do not remove the Lot in accordance with this paragraph 7 and will indemnify the Seller against all charges, costs, including any legal costs and fees, Expenses and losses suffered by the Seller by reason of your failure to remove the Lot including any charges due under any Storage Contract. All such sums due to the Seller will be payable on demand.

8	FAILURE TO PAY FOR THE LOT	9	THE SELLER'S LIABILITY	10.3	If either party to the <i>Contract for Sale</i> is prevented from performing that party's respective obligations under the <i>Contract for Sale</i> by circumstances beyond its reasonable control or if performance of its obligations would by reason of such circumstances give rise to a significantly increased financial cost to it, that party will not, for so long as such circumstances prevail, be required to perform such obligations. This paragraph does not apply to the obligations imposed on you by paragraph 6.
8.1	If the <i>Purchase Price</i> for a <i>Lot</i> is not paid to <i>Bonhams</i> in full in accordance with the <i>Contract for Sale</i> the <i>Seller</i> will be entitled, with the prior written agreement of <i>Bonhams</i> but without further notice to you, to exercise one or more of the following rights (whether through <i>Bonhams</i> or otherwise):	9.1	The <i>Seller</i> will not be liable for any injury, loss or damage caused by the <i>Lot</i> after the fall of the <i>Auctioneer's</i> hammer in respect of the <i>Lot</i> .	10.4	Any notice or other communication to be given under the <i>Contract for Sale</i> must be in writing and may be delivered by hand or sent by first class post or air mail or fax transmission, if to the <i>Seller</i> , addressed <i>c/o Bonhams</i> at its address or fax number in the <i>Catalogue</i> (marked for the attention of the Company Secretary), and if to you to the address or fax number of the <i>Buyer</i> given in the <i>Bidding Form</i> (unless notice of any change of address is given in writing). It is the responsibility of the sender of the notice or communication to ensure that it is received in a legible form within any applicable time period.
8.1.1	to terminate immediately the <i>Contract for Sale</i> of the <i>Lot</i> for your breach of contract;	9.2	Subject to paragraph 9.3 below, except for breach of the express undertaking provided in paragraph 2.1.5, the <i>Seller</i> will not be liable for any breach of any term that the <i>Lot</i> will correspond with any <i>Description</i> applied to it by or on behalf of the <i>Seller</i> , whether implied by the Sale of Goods Act 1979 or otherwise.	10.5	If any term or any part of any term of the <i>Contract for Sale</i> is held to be unenforceable or invalid, such unenforceability or invalidity will not affect the enforceability and validity of the remaining terms or the remainder of the relevant term.
8.1.2	to resell the <i>Lot</i> by auction, private treaty or any other means on giving seven days' written notice to you of the intention to resell;	9.3	Unless the <i>Seller</i> sells the <i>Lot</i> in the course of a <i>Business</i> and the <i>Buyer</i> buys it as a <i>Consumer</i> ,	10.6	References in the <i>Contract for Sale</i> to <i>Bonhams</i> will, where appropriate, include reference to <i>Bonhams'</i> officers, employees and agents.
8.1.3	to retain possession of the <i>Lot</i> ;	9.3.1	the <i>Seller</i> will not be liable (whether in negligence, other tort, breach of contract or statutory duty or in restitution or under the Misrepresentation Act 1967, or in any other way) for any lack of conformity with, or inaccuracy, error, misdescription or omission in any <i>Description</i> of the <i>Lot</i> or any <i>Entry</i> or <i>Estimate</i> in relation to the <i>Lot</i> made by or on behalf of the <i>Seller</i> (whether made in writing, including in the <i>Catalogue</i> , or on the <i>Website</i> , or orally, or by conduct or otherwise) and whether made before or after this agreement or prior to or during the <i>Sale</i> ;	10.7	The headings used in the <i>Contract for Sale</i> are for convenience only and will not affect its interpretation.
8.1.4	to remove and store the <i>Lot</i> at your expense;	9.3.2	the <i>Seller</i> will not be liable for any loss of <i>Business</i> , <i>Business</i> profits or revenue or income or for loss of reputation or for disruption to <i>Business</i> or wasted time on the part of the <i>Buyer</i> or of the <i>Buyer's</i> management or staff or, for any indirect losses or consequential damages of any kind, irrespective in any case of the nature, volume or source of the loss or damage alleged to be suffered, and irrespective of whether the said loss or damage is caused by or claimed in respect of any negligence, other tort, breach of contract, statutory duty, restitutionary claim or otherwise;	10.8	In the <i>Contract for Sale</i> "including" means "including, without limitation".
8.1.5	to take legal proceedings against you for any sum due under the <i>Contract for Sale</i> and/or damages for breach of contract;	9.3.3	in any circumstances where the <i>Seller</i> is liable to you in respect of the <i>Lot</i> , or any act, omission, statement, or representation in respect of it, or this agreement or its performance, and whether in damages, for an indemnity or contribution or for a restitutionary remedy or in any way whatsoever, the <i>Seller's</i> liability will be limited to payment of a sum which will not exceed by way of maximum the amount of the <i>Purchase Price</i> of the <i>Lot</i> irrespective in any case of the nature, volume or source of any loss or damage alleged to be suffered or sum claimed as due, and irrespective of whether the liability arises from any negligence, other tort, breach of contract, statutory duty, bailee's duty, restitutionary claim or otherwise.	10.9	References to the singular will include reference to the plural (and vice versa) and reference to any one gender will include reference to the other genders.
8.1.6	to be paid interest on any monies due (after as well as before judgement or order) at the annual rate of 5% per annum above the base rate of National Westminster Bank Plc from time to time to be calculated on a daily basis from the date upon which such monies become payable until the date of actual payment;	9.4	Nothing set out in paragraphs 9.1 to 9.3 above will be construed as excluding or restricting (whether directly or indirectly) any person's liability or excluding or restricting any person's rights or remedies in respect of (i) fraud, or (ii) death or personal injury caused by the <i>Seller's</i> negligence (or any person under the <i>Seller's</i> control or for whom the <i>Seller</i> is legally responsible), or (iii) acts or omissions for which the <i>Seller</i> is liable under the Occupiers Liability Act 1957, or (iv) any other liability to the extent the same may not be excluded or restricted as a matter of law.	10.10	Reference to a numbered paragraph is to a paragraph of the <i>Contract for Sale</i> .
8.1.7	to repossess the <i>Lot</i> (or any part thereof) which has not become your property, and for this purpose (unless the <i>Buyer</i> buys the <i>Lot</i> as a <i>Consumer</i> from the <i>Seller</i> selling in the course of a <i>Business</i>) you hereby grant an irrevocable licence to the <i>Seller</i> by himself and to his servants or agents to enter upon all or any of your premises (with or without vehicles) during normal <i>Business</i> hours to take possession of the <i>Lot</i> or part thereof;			10.11	Save as expressly provided in paragraph 10.12 nothing in the <i>Contract for Sale</i> confers (or purports to confer) on any person who is not a party to the <i>Contract for Sale</i> any benefit conferred by, or the right to enforce any term of, the <i>Contract for Sale</i> .
8.1.8	to retain possession of any other property sold to you by the <i>Seller</i> at the <i>Sale</i> or any other auction or by private treaty until all sums due under the <i>Contract for Sale</i> shall have been paid in full in cleared funds;			10.12	Where the <i>Contract for Sale</i> confers an immunity from, and/or an exclusion or restriction of, the responsibility and/or liability of the <i>Seller</i> , it will also operate in favour and for the benefit of <i>Bonhams</i> , <i>Bonhams'</i> holding company and the subsidiaries of such holding company and the successors and assigns of <i>Bonhams</i> and of such companies and of any officer, employee and agent of <i>Bonhams</i> and such companies, each of whom will be entitled to rely on the relevant immunity and/or exclusion and/or restriction within and for the purposes of Contracts (Rights of Third Parties) Act 1999, which enables the benefit of a contract to be extended to a person who is not a party to the contract, and generally at law.
8.1.9	to retain possession of, and on three months' written notice to sell, <i>Without Reserve</i> , any of your other property in the possession of the <i>Seller</i> and/or of <i>Bonhams</i> (as bailee for the <i>Seller</i>) for any purpose (including, without limitation, other goods sold to you) and to apply any monies due to you as a result of such <i>Sale</i> in satisfaction or part satisfaction of any amounts owed to the <i>Seller</i> or to <i>Bonhams</i> ; and			11	GOVERNING LAW
8.1.10	so long as such goods remain in the possession of the <i>Seller</i> or <i>Bonhams</i> as its bailee, to rescind the contract for the <i>Sale</i> of any other goods sold to you by the <i>Seller</i> at the <i>Sale</i> or at any other auction or by private treaty and apply any monies received from you in respect of such goods in part or full satisfaction of any amounts owed to the <i>Seller</i> or to <i>Bonhams</i> by you.				All transactions to which the <i>Contract for Sale</i> applies and all connected matters will be governed by and construed in accordance with the laws of that part of the United Kingdom where the <i>Sale</i> takes place and the <i>Seller</i> and you each submit to the exclusive jurisdiction of the courts of that part of the United Kingdom, save that the <i>Seller</i> may bring proceedings against you in any other court of competent jurisdiction to the extent permitted by the laws of the relevant jurisdiction. <i>Bonhams</i> has a complaints procedure in place.
8.2	You agree to indemnify the <i>Seller</i> against all legal and other costs of enforcement, all losses and other <i>Expenses</i> and costs (including any monies payable to <i>Bonhams</i> in order to obtain the release of the <i>Lot</i>) incurred by the <i>Seller</i> (whether or not court proceedings will have been issued) as a result of <i>Bonhams</i> taking steps under this paragraph 8 on a full indemnity basis together with interest thereon (after as well as before judgement or order) at the rate specified in paragraph 8.1.6 from the date upon which the <i>Seller</i> becomes liable to pay the same until payment by you.	10	MISCELLANEOUS		
8.3	On any resale of the <i>Lot</i> under paragraph 8.1.2, the <i>Seller</i> will account to you in respect of any balance remaining from any monies received by him or on his behalf in respect of the <i>Lot</i> , after the payment of all sums due to the <i>Seller</i> and to <i>Bonhams</i> , within 28 days of receipt of such monies by him or on his behalf.	10.1	You may not assign either the benefit or burden of the <i>Contract for Sale</i> .		
		10.2	The <i>Seller's</i> failure or delay in enforcing or exercising any power or right under the <i>Contract for Sale</i> will not operate or be deemed to operate as a waiver of his rights under it except to the extent of any express waiver given to you in writing. Any such waiver will not affect the <i>Seller's</i> ability subsequently to enforce any right arising under the <i>Contract for Sale</i> .		

APPENDIX 2

BUYER'S AGREEMENT

IMPORTANT: These terms may be changed in advance of the *Sale* of the *Lot* to you, by the setting out of different terms in the *Catalogue* for the *Sale* and/or by placing an insert in the *Catalogue* and/or by notices at the *Sale* venue and/or by oral announcements before and during the *Sale* at the *Sale* venue. You should be alert to this possibility of changes and ask in advance of bidding if there have been any.

1 THE CONTRACT

- 1.1 These terms govern the contract between *Bonhams* personally and the *Buyer*, being the person to whom a *Lot* has been knocked down by the *Auctioneer*.
- 1.2 The Definitions and Glossary contained in Appendix 3 to the *Catalogue* for the *Sale* are incorporated into this agreement and a separate copy can also be provided by us on request. Where words and phrases which are defined in the List of Definitions are used in this agreement, they are printed in italics. Reference is made in this agreement to information printed in the *Notice to Bidders*, printed in the *Catalogue* for the *Sale*, and where such information is referred to it is incorporated into this agreement.
- 1.3 Except as specified in paragraph 4 of the *Notice to Bidders* the *Contract for Sale* of the *Lot* between you and the *Seller* is made on the fall of the *Auctioneer's* hammer in respect of the *Lot*, when it is knocked down to you. At that moment a separate contract is also made between you and *Bonhams* on the terms in this *Buyer's Agreement*.
- 1.4 We act as agents for the *Seller* and are not answerable or personally responsible to you for any breach of contract or other default by the *Seller*, unless *Bonhams* sells the *Lot* as principal.
- 1.5 Our personal obligations to you are governed by this agreement and we agree, subject to the terms below, to the following obligations:
 - 1.5.1 we will, until the date and time specified in the *Notice to Bidders* or otherwise notified to you, store the *Lot* in accordance with paragraph 5;
 - 1.5.2 subject to any power of the *Seller* or us to refuse to release the *Lot* to you, we will release the *Lot* to you in accordance with paragraph 4 once you have paid to us, in cleared funds, everything due to us and the *Seller*;
 - 1.5.3 we will provide guarantees in the terms set out in paragraphs 9 and 10.
- 1.6 We do not make or give and do not agree to make or give any contractual promise, undertaking, obligation, *Guarantee*, warranty, representation of fact in relation to any *Description* of the *Lot* or any *Estimate* in relation to it, nor of the accuracy or completeness of any *Description* or *Estimate* which may have been made by us or on our behalf or by or on behalf of the *Seller* (whether made orally or in writing, including in the *Catalogue* or on *Bonhams' Website*, or by conduct, or otherwise), and whether made before or after this agreement or prior to or during the *Sale*. No such *Description* or *Estimate* is incorporated into this agreement between you and us. Any such *Description* or *Estimate*, if made by us or on our behalf, was (unless *Bonhams* itself sells the *Lot* as principal) made as agent on behalf of the *Seller*.

2 PERFORMANCE OF THE CONTRACT FOR SALE

You undertake to us personally that you will observe and comply with all your obligations and undertakings to the *Seller* under the *Contract for Sale* in respect of the *Lot*.

3 PAYMENT

- 3.1 Unless agreed in writing between you and us or as otherwise set out in the *Notice to Bidders*, you must pay to us by not later than 4.30pm on the second working day following the *Sale*:
 - 3.1.1 the *Purchase Price* for the *Lot*;
 - 3.1.2 a *Buyer's Premium* in accordance with the rates set out in the *Notice to Bidders*, and
 - 3.1.3 if the *Lot* is marked [AR], an *Additional Premium* which is calculated and payable in accordance with the *Notice to Bidders* together with *VAT* on that sum if applicable so that all sums due to us are cleared funds by the seventh working day after the *Sale*.
- 3.2 You must also pay us on demand any *Expenses* payable pursuant to this agreement.
- 3.3 All payments to us must be made in the currency in which the *Sale* was conducted, using, unless otherwise agreed by us in writing, one of the methods of payment set out in the *Notice to Bidders*. Our invoices will only be addressed to the registered *Bidder* unless the *Bidder* is acting as an agent for a named principal and we have approved that arrangement, in which case we will address the invoice to the principal.
- 3.4 Unless otherwise stated in this agreement all sums payable to us will be subject to *VAT* at the appropriate rate and *VAT* will be payable by you on all such sums.
- 3.5 We may deduct and retain for our own benefit from the monies paid by you to us the *Buyer's Premium*, the *Commission* payable by the *Seller* in respect of the *Lot*, any *Expenses* and *VAT* and any interest earned and/or incurred until payment to the *Seller*.
- 3.6 Time will be of the essence in relation to any payment payable to us. If you do not pay the *Purchase Price*, or any other sum due to us in accordance with this paragraph 3, we will have the rights set out in paragraph 7 below.
- 3.7 Where a number of *Lots* have been knocked down to you, any monies we receive from you will be applied firstly pro-rata to pay the *Purchase Price* of each *Lot* and secondly pro-rata to pay all amounts due to *Bonhams*.

4 COLLECTION OF THE LOT

- 4.1 Subject to any power of the *Seller* or us to refuse to release the *Lot* to you, once you have paid to us, in cleared funds, everything due to the *Seller* and to us, we will release the *Lot* to you or as you may direct us in writing. The *Lot* will only be released on production of a buyer collection document, obtained from our cashier's office.
- 4.2 You must collect and remove the *Lot* at your own expense by the date and time specified in the *Notice to Bidders*, or if no date is specified, by 4.30pm on the seventh day after the *Sale*.
- 4.3 For the period referred to in paragraph 4.2, the *Lot* can be collected from the address referred to in the *Notice to Bidders* for collection on the days and times specified in the *Notice to Bidders*. Thereafter, the *Lot* may be removed elsewhere for storage and you must enquire from us as to when and where you can collect it, although this information will usually be set out in the *Notice to Bidders*.

- 4.4 If you have not collected the *Lot* by the date specified in the *Notice to Bidders*, you authorise us, acting as your agent and on your behalf, to enter into a contract (the "*Storage Contract*") with the *Storage Contractor* for the storage of the *Lot* on the then current standard terms and conditions agreed between *Bonhams* and the *Storage Contractor* (copies of which are available on request). If the *Lot* is stored at our premises storage fees at our current daily rates (currently a minimum of £3 plus *VAT* per *Lot* per day) will be payable from the expiry of the period referred to in paragraph 4.2. These storage fees form part of our *Expenses*.

- 4.5 Until you have paid the *Purchase Price* and any *Expenses* in full the *Lot* will either be held by us as agent on behalf of the *Seller* or held by the *Storage Contractor* as agent on behalf of the *Seller* and ourselves on the terms contained in the *Storage Contract*.
- 4.6 You undertake to comply with the terms of any *Storage Contract* and in particular to pay the charges (and all costs of moving the *Lot* into storage) due under any *Storage Contract*. You acknowledge and agree that you will not be able to collect the *Lot* from the *Storage Contractor's* premises until you have paid the *Purchase Price*, any *Expenses* and all charges due under the *Storage Contract*.
- 4.7 You will be wholly responsible for packing, handling and transport of the *Lot* on collection and for complying with all import or export regulations in connection with the *Lot*.
- 4.8 You will be wholly responsible for any removal, storage, or other charges for any *Lot* not removed in accordance with paragraph 4.2, payable at our current rates, and any *Expenses* we incur (including any charges due under the *Storage Contract*), all of which must be paid by you on demand and in any event before any collection of the *Lot* by you or on your behalf.

5 STORING THE LOT

We agree to store the *Lot* until the earlier of your removal of the *Lot* or until the time and date set out in the *Notice to Bidders*, on the Sale Information Page or at the back of the catalogue (or if no date is specified, by 4.30pm on the seventh day after the *Sale*) and, subject to paragraphs 6 and 10, to be responsible as *bailee* to you for damage to or the loss or destruction of the *Lot* (notwithstanding that it is not your property before payment of the *Purchase Price*). If you do not collect the *Lot* before the time and date set out in the *Notice to Bidders* (or if no date is specified, by 4.30pm on the seventh day after the *Sale*) we may remove the *Lot* to another location, the details of which will usually be set out in the relevant section of the *Catalogue*. If you have not paid for the *Lot* in accordance with paragraph 3, and the *Lot* is moved to any third party's premises, the *Lot* will be held by such third party strictly to *Bonhams'* order and we will retain our lien over the *Lot* until we have been paid in full in accordance with paragraph 3.

6 RESPONSIBILITY FOR THE LOT

- 6.1 Only on the payment of the *Purchase Price* to us will title in the *Lot* pass to you. However under the *Contract for Sale*, the risk in the *Lot* passed to you when it was knocked down to you.
- 6.2 You are advised to obtain insurance in respect of the *Lot* as soon as possible after the *Sale*.

7	FAILURE TO PAY OR TO REMOVE THE LOT AND PART PAYMENTS	7.3	If you pay us only part of the sums due to us such payment shall be applied firstly to the <i>Purchase Price</i> of the <i>Lot</i> (or where you have purchased more than one <i>Lot</i> pro-rata towards the <i>Purchase Price</i> of each <i>Lot</i>) and secondly to the <i>Buyer's Premium</i> (or where you have purchased more than one <i>Lot</i> pro-rata to the <i>Buyer's Premium</i> on each <i>Lot</i>) and thirdly to any other sums due to us.	9.3	Paragraph 9 will not apply in respect of a <i>Forgery</i> if:
7.1	If all sums payable to us are not so paid in full at the time they are due and/or the <i>Lot</i> is not removed in accordance with this agreement, we will without further notice to you be entitled to exercise one or more of the following rights (without prejudice to any rights we may exercise on behalf of the <i>Seller</i>):	7.4	We will account to you in respect of any balance we hold remaining from any monies received by us in respect of any <i>Sale</i> of the <i>Lot</i> under our rights under this paragraph 7 after the payment of all sums due to us and/or the <i>Seller</i> within 28 days of receipt by us of all such sums paid to us.	9.3.1	the <i>Entry</i> in relation to the <i>Lot</i> contained in the <i>Catalogue</i> reflected the then accepted general opinion of scholars and experts or fairly indicated that there was a conflict of such opinion or reflected the then current opinion of an expert acknowledged to be a leading expert in the relevant field; or
7.1.1	to terminate this agreement immediately for your breach of contract;			9.3.2	it can be established that the <i>Lot</i> is a <i>Forgery</i> only by means of a process not generally accepted for use until after the date on which the <i>Catalogue</i> was published or by means of a process which it was unreasonable in all the circumstances for us to have employed.
7.1.2	to retain possession of the <i>Lot</i> ;	8	CLAIMS BY OTHER PERSONS IN RESPECT OF THE LOT	9.4	You authorise us to carry out such processes and tests on the <i>Lot</i> as we in our absolute discretion consider necessary to satisfy ourselves that the <i>Lot</i> is or is not a <i>Forgery</i> .
7.1.3	to remove, and/or store the <i>Lot</i> at your expense;	8.1	Whenever it becomes apparent to us that the <i>Lot</i> is the subject of a claim by someone other than you and other than the <i>Seller</i> (or that such a claim can reasonably be expected to be made), we may, at our absolute discretion, deal with the <i>Lot</i> in any manner which appears to us to recognise the legitimate interests of ourselves and the other parties involved and lawfully to protect our position and our legitimate interests. Without prejudice to the generality of the discretion and by way of example, we may:	9.5	If we are satisfied that a <i>Lot</i> is a <i>Forgery</i> we will (as principal) purchase the <i>Lot</i> from you and you will transfer the title to the <i>Lot</i> in question to us, with full title guarantee, free from any liens, charges, encumbrances and adverse claims, in accordance with the provisions of Sections 12(1) and 12(2) of the Sale of Goods Act 1979 and we will pay to you an amount equal to the sum of the <i>Purchase Price</i> , <i>Buyer's Premium</i> , <i>VAT</i> and <i>Expenses</i> paid by you in respect of the <i>Lot</i> .
7.1.4	to take legal proceedings against you for payment of any sums payable to us by you (including the <i>Purchase Price</i>) and/or damages for breach of contract;	8.1.1	retain the <i>Lot</i> to investigate any question raised or reasonably expected by us to be raised in relation to the <i>Lot</i> ; and/or	9.6	The benefit of paragraph 9 is personal to, and incapable of assignment by, you.
7.1.5	to be paid interest on any monies due to us (after as well as before judgement or order) at the annual rate of 5% per annum above the base lending rate of National Westminster Bank Plc from time to time to be calculated on a daily basis from the date upon which such monies become payable until the date of actual payment;	8.1.2	deliver the <i>Lot</i> to a person other than you; and/or	9.7	If you sell or otherwise dispose of your interest in the <i>Lot</i> , all rights and benefits under this paragraph will cease.
7.1.6	to repossess the <i>Lot</i> (or any part thereof) which has not become your property, and for this purpose (unless you buy the <i>Lot</i> as a <i>Consumer</i>) you hereby grant an irrevocable licence to us, by ourselves, our servants or agents, to enter upon all or any of your premises (with or without vehicles) during normal business hours to take possession of any <i>Lot</i> or part thereof;	8.1.3	commence interpleader proceedings or seek any other order of any court, mediator, arbitrator or government body; and/or	9.8	Paragraph 9 does not apply to a <i>Lot</i> made up of or including a Chinese painting or Chinese paintings, a motor vehicle or motor vehicles, a <i>Stamp</i> or <i>Stamps</i> or a <i>Book</i> or <i>Books</i> .
7.1.7	to sell the <i>Lot Without Reserve</i> by auction, private treaty or any other means on giving you three months' written notice of our intention to do so;	8.1.4	require an indemnity and/or security from you in return for pursuing a course of action agreed to by you.	10	OUR LIABILITY
7.1.8	to retain possession of any of your other property in our possession for any purpose (including, without limitation, other goods sold to you or with us for <i>Sale</i>) until all sums due to us have been paid in full;	8.2	The discretion referred to in paragraph 8.1:	10.1	We will not be liable whether in negligence, other tort, breach of contract or statutory duty or in restitution or under the Misrepresentation Act 1967 or in any other way for lack of conformity with or any inaccuracy, error, misdescription or omission in any <i>Description</i> of the <i>Lot</i> or any <i>Entry</i> or <i>Estimate</i> in respect of it, made by us or on our behalf or by or on behalf of the <i>Seller</i> (whether made in writing, including in the <i>Catalogue</i> , or on the <i>Bonhams' Website</i> , or orally, or by conduct or otherwise) and whether made before or after this agreement or prior to or during the <i>Sale</i> .
7.1.9	to apply any monies received from you for any purpose whether at the time of your default or at any time thereafter in payment or part payment of any sums due to us by you under this agreement;	8.2.1	may be exercised at any time during which we have actual or constructive possession of the <i>Lot</i> , or at any time after such possession, where the cessation of such possession has occurred by reason of any decision, order or ruling of any court, mediator, arbitrator or government body; and	10.2	Our duty to you while the <i>Lot</i> is at your risk and/or your property and in our custody and/or control is to exercise reasonable care in relation to it, but we will not be responsible for damage to the <i>Lot</i> or to other persons or things caused by:
7.1.10	on three months' written notice to sell, <i>Without Reserve</i> , any of your other property in our possession or under our control for any purpose (including other goods sold to you or with us for <i>Sale</i>) and to apply any monies due to you as a result of such <i>Sale</i> in payment or part payment of any amounts owed to us;	8.2.2	will not be exercised unless we believe that there exists a serious prospect of a good arguable case in favour of the claim.	10.2.1	handling the <i>Lot</i> if it was affected at the time of <i>Sale</i> to you by woodworm and any damage is caused as a result of it being affected by woodworm; or
7.1.11	refuse to allow you to register for a future <i>Sale</i> or to reject a bid from you at any future <i>Sale</i> or to require you to pay a deposit before any bid is accepted by us at any future <i>Sale</i> in which case we will be entitled to apply such deposit in payment or part payment, as the case may be, of the <i>Purchase Price</i> of any <i>Lot</i> of which you are the <i>Buyer</i> .	9	FORGERIES	10.2.2	changes in atmospheric pressure; nor will we be liable for:
7.2	You agree to indemnify us against all legal and other costs, all losses and all other <i>Expenses</i> (whether or not court proceedings will have been issued) incurred by us as a result of our taking steps under this paragraph 7 on a full indemnity basis together with interest thereon (after as well as before judgement or order) at the rate specified in paragraph 7.1.5 from the date upon which we become liable to pay the same until payment by you.	9.1	We undertake a personal responsibility for any <i>Forgery</i> in accordance with the terms of this paragraph 9.	10.2.3	damage to tension stringed musical instruments; or
		9.2	Paragraph 9 applies only if:	10.2.4	damage to gilded picture frames, plaster picture frames or picture frame glass; and if the <i>Lot</i> is or becomes dangerous, we may dispose of it without notice to you in advance in any manner we think fit and we will be under no liability to you for doing so.
		9.2.1	your name appears as the named person to whom the original invoice was made out by us in respect of the <i>Lot</i> and that invoice has been paid; and		
		9.2.2	you notify us in writing as soon as reasonably practicable after you have become aware that the <i>Lot</i> is or may be a <i>Forgery</i> , and in any event within one year after the <i>Sale</i> , that the <i>Lot</i> is a <i>Forgery</i> ; and		
		9.2.3	within one month after such notification has been given, you return the <i>Lot</i> to us in the same condition as it was at the time of the <i>Sale</i> , accompanied by written evidence that the <i>Lot</i> is a <i>Forgery</i> and details of the <i>Sale</i> and <i>Lot</i> number sufficient to identify the <i>Lot</i> .		

10.3.1 We will not be liable to you for any loss of *Business*, *Business* profits, revenue or income or for loss of *Business* reputation or for disruption to *Business* or wasted time on the part of the *Buyer's* management or staff or, if you are buying the *Lot* in the course of a *Business*, for any indirect losses or consequential damages of any kind, irrespective in any case of the nature, volume or source of the loss or damage alleged to be suffered, and irrespective of whether the said loss or damage is caused by or claimed in respect of any negligence, other tort, breach of contract, statutory duty, bailee's duty, a restitutionary claim or otherwise.

10.3.2 Unless you buy the *Lot* as a *Consumer*, in any circumstances where we are liable to you in respect of a *Lot*, or any act, omission, statement, representation in respect of it, or this agreement or its performance, and whether in damages, for an indemnity or contribution or for a restitutionary remedy or in any way whatsoever, our liability will be limited to payment of a sum which will not exceed by way of maximum the amount of the *Purchase Price* of the *Lot* plus *Buyer's Premium* (less any sum you may be entitled to recover from the *Seller*) irrespective in any case of the nature, volume or source of any loss or damage alleged to be suffered or sum claimed as due, and irrespective of whether the liability arises from negligence, other tort, breach of contract, statutory duty, bailee's duty, a restitutionary claim or otherwise.

You may wish to protect yourself against loss by obtaining insurance.

10.4 Nothing set out above will be construed as excluding or restricting (whether directly or indirectly) any person's liability or excluding or restricting any person's rights or remedies in respect of (i) fraud, or (ii) death or personal injury caused by our negligence (or any person under our control or for whom we are legally responsible), or (iii) acts or omissions for which we are liable under the Occupiers Liability Act 1957, or (iv) any other liability to the extent the same may not be excluded or restricted as a matter of law, or (v) under our undertaking in paragraph 9 of these conditions.

11 BOOKS MISSING TEXT OR ILLUSTRATIONS

Where the *Lot* is made up wholly of a *Book* or *Books* and any *Book* does not contain text or illustrations (in either case referred to as a "non-conforming *Lot*"), we undertake a personal responsibility for such a non-conforming *Lot* in accordance with the terms of this paragraph, if:

the original invoice was made out by us to you in respect of the *Lot* and that invoice has been paid; and

you notify us in writing as soon as reasonably practicable after you have become aware that the *Lot* is or may be a non-conforming *Lot*, and in any event within 20 days after the *Sale* (or such longer period as we may agree in writing) that the *Lot* is a non-conforming *Lot*; and

within 20 days of the date of the relevant *Sale* (or such longer period as we may agree in writing) you return the *Lot* to us in the same condition as it was at the time of the *Sale*, accompanied by written evidence that the *Lot* is a non-conforming *Lot* and details of the *Sale* and *Lot* number sufficient to identify the *Lot*.

but not if:

the *Entry* in the *Catalogue* in respect of the *Lot* indicates that the rights given by this paragraph do not apply to it; or

the *Entry* in the *Catalogue* in respect of the *Lot* reflected the then accepted general opinion of scholars and experts or fairly indicated that there was a conflict of such opinion; or

it can be established that the *Lot* is a non-conforming *Lot* only by means of a process not generally accepted for use until after the date on which the *Catalogue* was published or by means of a process which it was unreasonable in all the circumstances for us to have employed; or

the *Lot* comprises atlases, maps, autographs, manuscripts, extra illustrated books, music or periodical publications; or

the *Lot* was listed in the *Catalogue* under "collections" or "collections and various" or the *Lot* was stated in the *Catalogue* to comprise or contain a collection, issue or *Books* which are undescribed or the missing text or illustrations are referred to or the relevant parts of the *Book* contain blanks, half titles or advertisements.

If we are reasonably satisfied that a *Lot* is a non-conforming *Lot*, we will (as principal) purchase the *Lot* from you and you will transfer the title to the *Lot* in question to us, with full title guarantee, free from any liens, charges, encumbrances and adverse claims and we will pay to you an amount equal to the sum of the *Purchase Price* and *Buyer's Premium* paid by you in respect of the *Lot*.

The benefit of paragraph 10 is personal to, and incapable of assignment by, you and if you sell or otherwise dispose of your interest in the *Lot*, all rights and benefits under this paragraph will cease.

12 MISCELLANEOUS

12.1 You may not assign either the benefit or burden of this agreement.

12.2 Our failure or delay in enforcing or exercising any power or right under this agreement will not operate or be deemed to operate as a waiver of our rights under it except to the extent of any express waiver given to you in writing. Any such waiver will not affect our ability subsequently to enforce any right arising under this agreement.

12.3 If either party to this agreement is prevented from performing that party's respective obligations under this agreement by circumstances beyond its reasonable control or if performance of its obligations would by reason of such circumstances give rise to a significantly increased financial cost to it, that party will not, for so long as such circumstances prevail, be required to perform such obligations. This paragraph does not apply to the obligations imposed on you by paragraph 3.

12.4 Any notice or other communication to be given under this agreement must be in writing and may be delivered by hand or sent by first class post or air mail or fax transmission (if to *Bonhams* marked for the attention of the Company Secretary), to the address or fax number of the relevant party given in the *Contract Form* (unless notice of any change of address is given in writing). It is the responsibility of the sender of the notice or communication to ensure that it is received in a legible form within any applicable time period.

12.5 If any term or any part of any term of this agreement is held to be unenforceable or invalid, such unenforceability or invalidity will not affect the enforceability and validity of the remaining terms or the remainder of the relevant term.

12.6 References in this agreement to *Bonhams* will, where appropriate, include reference to *Bonhams'* officers, employees and agents.

12.7 The headings used in this agreement are for convenience only and will not affect its interpretation.

12.8 In this agreement "including" means "including, without limitation".

12.9 References to the singular will include reference to the plural (and vice versa) and reference to any one gender will include reference to the other genders.

12.10 Reference to a numbered paragraph is to a paragraph of this agreement.

12.11 Save as expressly provided in paragraph 12.12 nothing in this agreement confers (or purports to confer) on any person who is not a party to this agreement any benefit conferred by, or the right to enforce any term of, this agreement.

12.12 Where this agreement confers an immunity from, and/or an exclusion or restriction of, the responsibility and/or liability of *Bonhams*, it will also operate in favour and for the benefit of *Bonhams'* holding company and the subsidiaries of such holding company and the successors and assigns of *Bonhams* and of such companies and of any officer, employee and agent of *Bonhams* and such companies, each of whom will be entitled to rely on the relevant immunity and/or exclusion and/or restriction within and for the purposes of Contracts (Rights of Third Parties) Act 1999, which enables the benefit of a contract to be extended to a person who is not a party to the contract, and generally at law.

13 GOVERNING LAW

All transactions to which this agreement applies and all connected matters will be governed by and construed in accordance with the laws of that part of the United Kingdom where the *Sale* takes (or is to take) place and we and you each submit to the exclusive jurisdiction of the courts of that part of the United Kingdom, save that we may bring proceedings against you in any other court of competent jurisdiction to the extent permitted by the laws of the relevant jurisdiction. *Bonhams* has a complaints procedure in place.

DATA PROTECTION – USE OF YOUR INFORMATION

Where we obtain any personal information about you, we shall only use it in accordance with the terms of our Privacy Policy (subject to any additional specific consent(s) you may have given at the time your information was disclosed). A copy of our Privacy Policy can be found on our *Website* www.bonhams.com or requested by post from Customer Services Department, 101 New Bond Street, London W1S 1SR, United Kingdom or by email from info@bonhams.com.

APPENDIX 3

DEFINITIONS AND GLOSSARY

Where these Definitions and Glossary are incorporated, the following words and phrases used have (unless the context otherwise requires) the meanings given to them below. The Glossary is to assist you to understand words and phrases which have a specific legal meaning with which you may not be familiar.

LIST OF DEFINITIONS

"Additional Premium" a premium, calculated in accordance with the *Notice to Bidders*, to cover *Bonhams' Expenses* relating to the payment of royalties under the Artists Resale Right Regulations 2006 which is payable by the *Buyer* to *Bonhams* on any *Lot* marked [AR] which sells for a *Hammer Price* which together with the *Buyer's Premium* (but excluding any VAT) equals or exceeds 1000 euros (converted into the currency of the *Sale* using the European Central Bank Reference rate prevailing on the date of the *Sale*).
"Auctioneer" the representative of *Bonhams* conducting the *Sale*.

"Bidder" a person who has completed a *Bidding Form*.
"Bidding Form" our Bidding Registration Form, our Absentee Bidding Form or our Telephone Bidding Form.

"Bonhams" Bonhams 1793 Limited or its successors or assigns. *Bonhams* is also referred to in the *Buyer's Agreement*, the Conditions of Business and the *Notice to Bidders* by the words "we", "us" and "our".

"Book" a printed *Book* offered for *Sale* at a specialist *Book Sale*.

"Business" includes any trade, *Business* and profession.

"Buyer" the person to whom a *Lot* is knocked down by the *Auctioneer*. The *Buyer* is also referred to in the *Contract for Sale* and the *Buyer's Agreement* by the words "you" and "your".

"Buyer's Agreement" the contract entered into by *Bonhams* with the *Buyer* (see Appendix 2 in the *Catalogue*).

"Buyer's Premium" the sum calculated on the *Hammer Price* at the rates stated in the *Notice to Bidders*.

"Catalogue" the *Catalogue* relating to the relevant *Sale*, including any representation of the *Catalogue* published on our *Website*.

"Commission" the *Commission* payable by the *Seller* to *Bonhams* calculated at the rates stated in the *Contract Form*.

"Condition Report" a report on the physical condition of a *Lot* provided to a *Bidder* or potential *Bidder* by *Bonhams* on behalf of the *Seller*.

"Conditions of Sale" the *Notice to Bidders*, *Contract for Sale*, *Buyer's Agreement* and Definitions and Glossary.

"Consignment Fee" a fee payable to *Bonhams* by the *Seller* calculated at rates set out in the Conditions of Business.

"Consumer" a natural person who is acting for the relevant purpose outside his trade, *Business* or profession.

"Contract Form" the *Contract Form*, or vehicle *Entry* form, as applicable, signed by or on behalf of the *Seller* listing the *Lots* to be offered for *Sale* by *Bonhams*.

"Contract for Sale" the *Sale* contract entered into by the *Seller* with the *Buyer* (see Appendix 1 in the *Catalogue*).

"Contractual Description" the only *Description* of the *Lot* (being that part of the *Entry* about the *Lot* in the *Catalogue* which is in bold letters, any photograph (except for the colour) and the contents of any *Condition Report*) to which the *Seller* undertakes in the *Contract of Sale* the *Lot* corresponds.

"Description" any statement or representation in any way descriptive of the *Lot*, including any statement or representation relating to its authorship, attribution, condition, provenance, authenticity, style, period, age, suitability, quality, origin, value, estimated selling price (including the *Hammer Price*).

"Entry" a written statement in the *Catalogue* identifying the *Lot* and its *Lot* number which may contain a *Description* and illustration(s) relating to the *Lot*.

"Estimate" a statement of our opinion of the range within which the hammer is likely to fall.

"Expenses" charges and *Expenses* paid or payable by *Bonhams* in respect of the *Lot* including legal *Expenses*, banking charges and *Expenses* incurred as a result of an electronic transfer of money, charges and *Expenses* for loss and damage cover, insurance, *Catalogue* and other reproductions and illustrations, any customs duties, advertising, packing or shipping costs, reproductions rights' fees, taxes, levies, costs of testing, searches or enquiries, preparation of the *Lot* for *Sale*, storage charges, removal charges, removal charges or costs of collection from the *Seller* as the *Seller's* agents or from a defaulting *Buyer*, plus *VAT* if applicable.

"Forgery" an imitation intended by the maker or any other person to deceive as to authorship, attribution, origin, authenticity, style, date, age, period, provenance, culture, source or composition, which at the date of the *Sale* had a value materially less than it would have had if the *Lot* had not been such an imitation, and which is not stated to be such an imitation in any description of the *Lot*. A *Lot* will not be a *Forgery* by reason of any damage to, and/or restoration and/or modification work (including repainting or over painting) having been carried out on the *Lot*, where that damage, restoration or modification work (as the case may be) does not substantially affect the identity of the *Lot* as one conforming to the *Description* of the *Lot*.

"Guarantee" the obligation undertaken personally by *Bonhams* to the *Buyer* in respect of any *Forgery* and, in the case of specialist *Stamp Sales* and/or specialist *Book Sales*, a *Lot* made up of a *Stamp* or *Stamps* or a *Book* or *Books* as set out in the *Buyer's Agreement*.

"Hammer Price" the price in the currency in which the *Sale* is conducted at which a *Lot* is knocked down by the *Auctioneer*.

"Loss and Damage Warranty" means the warranty described in paragraph 8.2 of the Conditions of Business.

"Loss and Damage Warranty Fee" means the fee described in paragraph 8.2.3 of the Conditions of Business.

"Lot" any item consigned to *Bonhams* with a view to its *Sale* at auction or by private treaty (and reference to any *Lot* will include, unless the context otherwise requires, reference to individual items comprised in a group of two or more items offered for *Sale* as one *Lot*).

"Motoring Catalogue Fee" a fee payable by the *Seller* to *Bonhams* in consideration of the additional work undertaken by *Bonhams* in respect of the cataloguing of motor vehicles and in respect of the promotion of *Sales* of motor vehicles.

"New Bond Street" means *Bonhams'* saleroom at 101 New Bond Street, London W1S 1SR.

"Notional Charges" the amount of *Commission* and *VAT* which would have been payable if the *Lot* had been sold at the *Notional Price*.

"Notional Fee" the sum on which the *Consignment Fee* payable to *Bonhams* by the *Seller* is based and which is calculated according to the formula set out in the Conditions of Business.

"Notional Price" the latest in time of the average of the high and low *Estimates* given by us to you or stated in the *Catalogue* or, if no such *Estimates* have been given or stated, the *Reserve* applicable to the *Lot*.

"Notice to Bidders" the notice printed at the back or front of our *Catalogues*.

"Purchase Price" the aggregate of the *Hammer Price* and *VAT* on the *Hammer Price* (where applicable), the *Buyer's Premium* and *VAT* on the *Buyer's Premium* and any *Expenses*.

"Reserve" the minimum price at which a *Lot* may be sold (whether at auction or by private treaty).

"Sale" the auction *Sale* at which a *Lot* is to be offered for *Sale* by *Bonhams*.

"Sale Proceeds" the net amount due to the *Seller* from the *Sale* of a *Lot*, being the *Hammer Price* less the *Commission*, any *VAT* chargeable thereon, *Expenses* and any other amount due to us in whatever capacity and howsoever arising.

"Seller" the person who offers the *Lot* for *Sale* named on the *Contract Form*. Where the person so named identifies on the form another person as acting as his agent, or where the person named on the *Contract Form* acts as an agent for a principal (whether such agency is disclosed to *Bonhams* or not), **"Seller"** includes both the agent and the principal who shall be jointly and severally liable as such. The *Seller* is also referred to in the Conditions of Business by the words "you" and "your".
"Specialist Examination" a visual examination of a *Lot* by a specialist on the *Lot*.

"Stamp" means a postage *Stamp* offered for *Sale* at a Specialist *Stamp Sale*.

"Standard Examination" a visual examination of a *Lot* by a non-specialist member of *Bonhams'* staff.

"Storage Contract" means the contract described in paragraph 8.3.3 of the Conditions of Business or paragraph 4.4 of the *Buyer's Agreement* (as appropriate).

"Storage Contractor" means the company identified as such in the *Catalogue*.

"Terrorism" means any act or threatened act of terrorism, whether any person is acting alone or on behalf of or in connection with any organisation(s) and/or government(s), committed for political, religious or ideological or similar purposes including, but not limited to, the intention to influence any government and/or put the public or any section of the public into fear.

"Trust Account" the bank account of *Bonhams* into which all sums received in respect of the *Purchase Price* of any *Lot* will be paid, such account to be a distinct and separate account to *Bonhams'* normal business bank account.

"VAT" value added tax at the prevailing rate at the date of the *Sale* in the United Kingdom.

"Website" *Bonhams Website* at www.bonhams.com

"Withdrawal Notice" the *Seller's* written notice to *Bonhams* revoking *Bonhams'* instructions to sell a *Lot*.

"Without Reserve" where there is no minimum price at which a *Lot* may be sold (whether at auction or by private treaty).

GLOSSARY

The following expressions have specific legal meanings with which you may not be familiar. The following glossary is intended to give you an understanding of those expressions but is not intended to limit their legal meanings:

"artist's resale right": the right of the creator of a work of art to receive a payment on *Sales* of that work subsequent to the original *Sale* of that work by the creator of it as set out in the Artists Resale Right Regulations 2006.

"bailee": a person to whom goods are entrusted.

"indemnity": an obligation to put the person who has the benefit of the indemnity in the same position in which he would have been, had the circumstances giving rise to the indemnity not arisen and the expression "indemnify" is construed accordingly.

"interpleader proceedings": proceedings in the Courts to determine ownership or rights over a *Lot*.

"knocked down": when a *Lot* is sold to a *Bidder*, indicated by the fall of the hammer at the *Sale*.

"lien": a right for the person who has possession of the *Lot* to retain possession of it.

"risk": the possibility that a *Lot* may be lost, damaged, destroyed, stolen, or deteriorate in condition or value.

"title": the legal and equitable right to the ownership of a *Lot*.

"tort": a legal wrong done to someone to whom the wrong doer has a duty of care.

SALE OF GOODS ACT 1979

The following is an extract from the Sale of Goods Act 1979:

"Section 12 Implied terms about title, etc

- (1) In a contract of sale, other than one to which subsection (3) below applies, there is an implied term on the part of the seller that in the case of a sale he has a right to sell the goods, and in the case of an agreement to sell he will have such a right at the time when the property is to pass.
- (2) In a contract of sale, other than one to which subsection (3) below applies, there is also an implied term that:
 - (a) the goods are free, and will remain free until the time when the property is to pass, from any charge or encumbrance not disclosed or known to the buyer before the contract is made, and
 - (b) the buyer will enjoy quiet possession of the goods except in so far as it may be disturbed by the owner or other person entitled to the benefit of any charge or encumbrance so disclosed or known.
- (3) This subsection applies to a contract of sale in the case of which there appears from the contract or is to be inferred from its circumstances an intention that the seller should transfer only such title as he or a third person may have.
- (4) In a contract to which subsection (3) above applies there is an implied term that all charges or encumbrances known to the seller and not known to the buyer have been disclosed to the buyer before the contract is made.
- (5) In a contract to which subsection (3) above applies there is also an implied term that none of the following will disturb the buyer's quiet possession of the goods, namely:
 - (a) the seller;
 - (b) in a case where the parties to the contract intend that the seller should transfer only such title as a third person may have, that person;
 - (c) anyone claiming through or under the seller or that third person otherwise than under a charge or encumbrance disclosed or known to the buyer before the contract is made.
- (5A) As regards England and Wales and Northern Ireland, the term implied by subsection (1) above is a condition and the terms implied by subsections (2), (4) and (5) above are warranties."

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To e-mail any of the below use the first name dot second name @bonhams.com eg. charles.obrien@bonhams.com

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Golf Sporting Memorabilia

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Impressionist & Modern Art

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