

History of Science and Technology, Including Fossils, Minerals and Meteorites

New York | 17 Dec 2019 | 11:00 AM PST



1

NEWTON, ISAAC | TWO HIGHLY IMPORTANT DOCUMENTS RELATING TO NEWTON'S HISTORICAL RESEARCHES

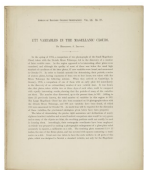
Estimate: 60,000 - 90,000 USD

Lot Sold: **75,000 USD**

2

BEG, ULUGH | TABULAE LONG AC LAT. STELLARUM FIXARUM EX OBSERVATIONE. OXFORD, 1665. FIRST EDITION IN PERSIAN.

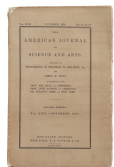
Estimate: 4,000 - 6,000 USD

Lot Sold: **20,000 USD**

3

LEAVITT, HENRIETTA SWAN | 1777 VARIABLES IN THE MAGELLANIC CLOUDS. FIRST AND ONLY EDITION.

Estimate: 2,000 - 3,000 USD

Lot Sold: **6,000 USD**

4

FOOTE, EUNICE NEWTON | "CIRCUMSTANCES AFFECTING THE HEAT OF THE SUN'S RAYS". FIRST PRINTING, 1856.

Estimate: 2,000 - 3,000 USD

Lot Sold: **4,750 USD**

5

TRIPPENSEE PLANETARIUM | THE TRIPPENSEE PLANETARIUM MFG, CO., DETROIT, 1908.

Estimate: 3,000 - 5,000 USD

Lot Sold: **15,000 USD**

6

DARWIN, CHARLES | ON THE ORIGIN OF SPECIES....LONDON: JOHN MURRAY, 1859. FIRST EDITION, ERNST MAYR'S COPY

Estimate: 50,000 - 80,000 USD

Lot Sold: **175,000 USD**



7

DARWIN & WALLACE | FIRST EDITION OF "ON THE TENDENCY OF SPECIES TO FORM VARIETIES", [1858-59].

Estimate: 20,000 - 30,000 USD

Bidding is closed



8

[DARWIN, CHARLES] | MANUSCRIPT LIST OF DARWIN'S PUBLICATIONS TO 1869, WITH AUTOGRAPH CORRECTIONS AND ADDITIONS IN HIS HAND

Estimate: 15,000 - 25,000 USD

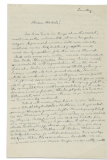
Bidding is closed



9

DARWIN, CHARLES | CARTE-DE-VISITE, SIGNED BY DARWIN. LONDON: ELLIOTT & FRY, LATE 1870S

Estimate: 8,000 - 12,000 USD

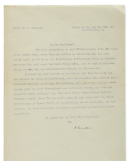
Lot Sold: **23,750 USD**

10

EINSTEIN, ALBERT | ALS TO MICHELLE BESSO, MENTIONING ONE OF HIS LESSER KNOWN BUT BRILLIANT DISCOVERIES, AND AUTHORIZING BESSO TO USE HIS NAME TO APPEAL FOR CLEMENCY FOR FRIEDRICH ADLER FROM THE DEATH PENALTY, 3 PP, 29 APRIL, 1917.

Estimate: 30,000 - 50,000 USD

Bidding is closed



12

EINSTEIN TLS TO CHARLES EDOUARD GUILLAUME, FEUDING OVER THE THEORY OF RELATIVITY. 1 P. 16 DEC 1920.

Estimate: 12,000 - 18,000 USD

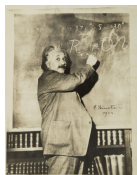
Lot Sold: **16,250 USD**

13

[EINSTEIN, ALBERT] | BLACK & WHITE PHOTOGRAPHIC PORTRAIT OF EINSTEIN, SIGNED & INSCRIBED BY EINSTEIN ON MAT

Estimate: 15,000 - 25,000 USD

Bidding is closed

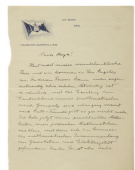


14

[EINSTEIN, ALBERT] | AN EXCEPTIONAL SIGNED PHOTOGRAPH OF EINSTEIN AT CHALKBOARD, 1931, SIGNED BY EINSTEIN

Estimate: 60,000 - 90,000 USD

Bidding is closed

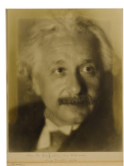


15

EINSTEIN, ALBERT | ALS TO HIS SISTER MAJA, PROCLAIMING THE SUCCESS OF HIS UNIFIED FIELD THEORY. 1 1/2PP. [JAN 1932]

Estimate: 15,000 - 25,000 USD

Bidding is closed



16

[EINSTEIN, ALBERT]; AARON TYCKO [PHOTOGRAPHER] | BLACK AND WHITE PHOTOGRAPHIC PORTRAIT, INSCRIBED BY EINSTEIN ON THE MAT BOARD, 1934

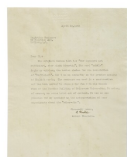
Estimate: 12,000 - 18,000 USD

Lot Sold: **9,375 USD**

17

EINSTEIN, ALBERT | "THE WORLD AS I SEE IT", PRESENTATION COPY FROM EINSTEIN TO DR. HARRY STEIN, W/TLS FROM ELSA EINSTEIN TO DR. STEIN.

Estimate: 4,000 - 6,000 USD

Lot Sold: **8,125 USD**

18

EINSTEIN, ALBERT | TLS TO ARTHUR RUSHMORE, DISCUSSING THE TRANSLATION OF EINSTEIN'S MOST FAMOUS QUOTE "GOD IS SUBTLE, BUT HE IS NOT MALICIOUS", 1 P, 29 APRIL 1954.

Estimate: 10,000 - 15,000 USD

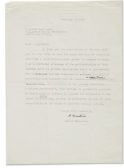
Lot Sold: **11,875 USD**

19

EINSTEIN, ALBERT | TLS TO COMMANDANT A. BLY, COMMENTING ON THE POLITICAL SITUATION IN EUROPE, 1 P, 15 JANUARY, 1936.

Estimate: 4,000 - 6,000 USD

Lot Sold: **3,500 USD**



20

EINSTEIN TLS TO STRAUS | ON HIS OPPOSITION TO THE MILITARIZATION OF THE US, 24 FEB 1948

Estimate: 8,000 - 12,000 USD

Bidding is closed



21

[EINSTEIN, ALBERT] | DESK LAMP W/UNRECORDED FACSIMILE TYPED LETTER TO WILLIAM LAURENCE

Estimate: 3,000 - 5,000 USD

Lot Sold: **12,500 USD**

22

2 TLS FROM HAWKING TO STRAUSS W/PRESENTATION COPY OF GENERAL RELATIVITY + 3 TLS FROM HAWKING TO STRAUSS

Estimate: 80,000 - 120,000 USD

Bidding is closed



23

FEYNMAN, RICHARD P. | "SURELY YOU'RE JOKING MR. FEYNMAN". FIRST EDITION, SIGNED BY FEYNMAN.

Estimate: 15,000 - 20,000 USD

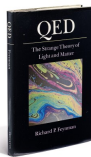
Lot Sold: **17,500 USD**

24

FEYNMAN, RICHARD P. | "SURELY YOU'RE JOKING MR. FEYNMAN". FIRST EDITION, DOUBLE INSCRIBED, BY FEYNMAN & JOHN SCHWARZ.

Estimate: 15,000 - 20,000 USD

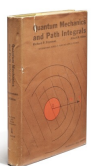
Bidding is closed



25

FEYNMAN, RICHARD P. | QED. FIRST EDITION, FIRST PRINTING, PRESENTATION COPY. 1985

Estimate: 12,000 - 18,000 USD

Lot Sold: **17,500 USD**

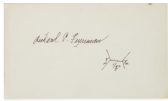
26

FEYNMAN, RICHARD P. | QUANTUM MECHANICS & PATH INTEGRALS. FIRST EDITION, PRESENTATION COPY.

Estimate: 10,000 - 15,000 USD

Lot Sold: **21,250 USD**

27

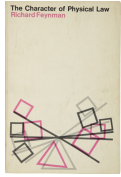


FEYNMAN DIAGRAM, DRAWN & SIGNED BY FEYNMAN

Estimate: 8,000 - 12,000 USD

Lot Sold: **32,500 USD**

28

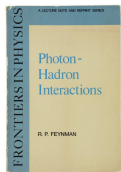


FEYNMAN, RICHARD P. | THE CHARACTER OF PHYSICAL LAW. SIGNED AND INSCRIBED BY RICHARD FEYNMAN AS "RITTY"

Estimate: 6,000 - 9,000 USD

Lot Sold: **5,250 USD**

29



FEYNMAN, RICHARD P. | PHOTON-HADRON INTERACTIONS. FIRST EDITION, SIGNED AND INSCRIBED BY FEYNMAN

Estimate: 5,000 - 8,000 USD

Lot Sold: **6,250 USD**

30



A PORTABLE JACQUARD LOOM

Estimate: 10,000 - 15,000 USD

Lot Sold: **43,750 USD**

31



[JACQUARD, JOSEPH MARIE] | A RARE PORTRAIT OF JACQUARD, WOVEN IN SILK ON A JACQUARD LOOM, LYON, 1839.

Estimate: 6,000 - 9,000 USD

Lot Sold: **10,625 USD**

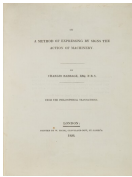
32



[JACQUARD, JOSEPH MARIE] | A VERY RARE DEPICTION OF A JACQUARD LOOM, WOVEN IN SILK ON A JACQUARD LOOM, LYON, 1844.

Estimate: 3,000 - 5,000 USD

Lot Sold: **11,875 USD**



33

BABBAGE, CHARLES | ON A METHOD OF EXPRESSING BY SIGNS THE ACTION OF MACHINERY. 1826

Estimate: 3,000 - 5,000 USD

Lot Sold: **8,125 USD**

34

A THOMAS DE COLMAR ARITHMOMETER, FRENCH, CA 1880-1900

Estimate: 3,000 - 5,000 USD

Lot Sold: **11,875 USD**

35

A LARGE THACHER'S CALCULATING INSTRUMENT, BY KUEFFER & ESSER CO., NO. 4013

Estimate: 3,000 - 5,000 USD

Lot Sold: **6,875 USD**

36

A FULLER'S SPIRAL CYLINDRICAL SLIDE RULE CALCULATOR

Estimate: 1,500 - 2,500 USD

Lot Sold: **3,500 USD**

37

ENIGMA M4 | A FULLY OPERATIONAL FOUR-ROTOR ("M4") KRIEGSMARINE ENIGMA CIPHER MACHINE. BERLIN-WILMERSDORF, GERMANY, HEIMSOETH UND RINKE, 1942, SEIZED FROM THE BAUAUFSICHT DER KRIEGSMARINE IN TRONDHEIM, NORWAY, AFTER THE CAPITULATION OF NAZI FORCES THERE IN 1945

Estimate: 300,000 - 500,000 USD

Lot Sold: **800,000 USD**

38

ENIGMA I | A FULLY OPERATIONAL THREE-ROTOR ENIGMA I CIPHER MACHINE. BERLIN: HEIMSOETH UND RINKE, 1943

Estimate: 180,000 - 200,000 USD

Lot Sold: **187,500 USD**



39

[HARVARD COMPUTING HISTORY] | ALBUM OF VINTAGE PHOTOGRAPHS OF THE HARVARD CRUFT LABORATORY AND CONSTRUCTION OF THE HARVARD MARK I, CIRCA 1944-1965

Estimate: 6,000 - 9,000 USD

Lot Sold: **1,375 USD**

40

MOORE SCHOOL LECTURES | THEORY AND TECHNIQUES FOR DESIGN OF ELECTRONIC DIGITAL COMPUTERS, LECTURES GIVEN AT THE MOORE SCHOOL 8 JULY 1946-31 AUGUST 1946. PHILADELPHIA: UNIVERSITY OF PENNSYLVANIA, MOORE SCHOOL OF ENGINEERING, SEPTEMBER 10 AND NOVEMBER 1, 1947; JUNE 30, 1948

Estimate: 5,000 - 8,000 USD

Lot Sold: **8,125 USD**

41

COMSPACE CT-650 | COMSPACE CORPORATION, CIRCA 1967

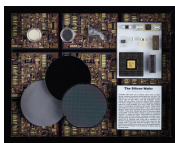
Estimate: 20,000 - 30,000 USD

Lot Sold: **15,000 USD**

42

ISEC 250 STOCK MARKET COMPUTER | ISEC CORPORATION, PRINCETON, NJ, CIRCA 1967

Estimate: 6,000 - 9,000 USD

Lot Sold: **11,875 USD**

43

A COLLECTION OF FRAMED MICROCHIPS

Estimate: 2,000 - 3,000 USD

Lot Sold: **17,500 USD**

44

APPLE COMPUTER, INC. | ORIGINAL NEON RAINBOW APPLE LOGO SIGN

Estimate: 10,000 - 15,000 USD

Lot Sold: **81,250 USD**



45

APPLE COMPUTER, INC. | ORIGINAL RAINBOW APPLE LOGO SIGN, CIRCA 1978

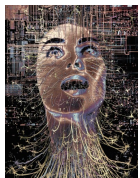
Estimate: 4,000 - 6,000 USD

Lot Sold: **8,750 USD**

46

APPLE COMPUTER, INC. | ORIGINAL NEON "APPLE MACINTOSH PRODUCTS" SIGN, CIRCA 1985-1989

Estimate: 2,500 - 3,500 USD

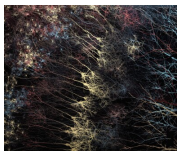
Lot Sold: **6,000 USD**

47

DR. GREG DUNN IN COLLABORATION WITH DR. BRIAN EDWARDS | BRAIN MACHINE INTERFACE, 2018

Estimate: 60,000 - 80,000 USD

Bidding is closed

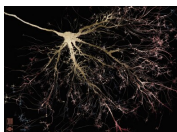


48

DR. GREG DUNN IN COLLABORATION WITH DR. BRIAN EDWARDS | CHAOTIC CONNECTOME, 2013

Estimate: 25,000 - 30,000 USD

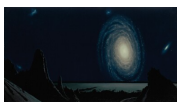
Bidding is closed



49

DR. GREG DUNN IN COLLABORATION WITH DR. BRIAN EDWARDS | ACTION POTENTIAL, 2017

Estimate: 25,000 - 30,000 USD

Lot Sold: **25,000 USD**

50

BONESTELL, CHESLEY | "OUR GALAXY, THE MILKY WAY," ORIGINAL ARTWORK FOR THE COVER OF FANTASY AND SCIENCE FICTION, OCTOBER 1970

Estimate: 7,000 - 10,000 USD

Lot Sold: **25,000 USD**

51

BROWN, ROGAN | "CYTOKINESIS", HAND AND LASER CUT LAYERED PAPER SCULPTURE IN CUSTOM SHADOW BOX, 2019

Estimate: 10,000 - 15,000 USD

Bidding is closed



52

BROWN, ROGAN | "CYTOKINESIS: GLIAL VARIATION", HAND AND LASER CUT LAYERED PAPER SCULPTURE IN CUSTOM SHADOW BOX, 2019

Estimate: 10,000 - 15,000 USD

Lot Sold: **20,000 USD**

53

AN INTACT EGG OF THE AEPYORNIS MAXIMUS, OR ELEPHANT BIRD, PRE-17TH CENTURY

Estimate: 35,000 - 45,000 USD

Lot Sold: **81,250 USD**

54

A FINE SPECIMEN OF LAPIS LAZULI

Estimate: 6,000 - 7,000 USD

Lot Sold: **11,250 USD**

55

A CHINGA METEORITE IN THE NATURAL FORM OF A ROOSTER

Estimate: 2,500 - 3,500 USD

Lot Sold: **10,000 USD**

56

THE TOOTH OF A TYRANNOSAURUS REX

Estimate: 2,000 - 3,000 USD

Lot Sold: **20,000 USD**

57

A SPECIMEN OF LABRADORITE

Estimate: 4,000 - 5,000 USD

Lot Sold: **7,500 USD**



58

A SPECIMEN OF MALACHITE

Estimate: 800 - 1,200 USD

Lot Sold: **10,000 USD**

59

A TRILOBITE PSYCHOPYGE

Estimate: 4,000 - 6,000 USD

Lot Sold: **5,250 USD**

60

A TRILOBITE QUADROPS (PHILONYX)

Estimate: 3,000 - 5,000 USD

Lot Sold: **2,750 USD**

61

A TRIDENT-BEARING TRILOBITE

Estimate: 3,000 - 5,000 USD

Lot Sold: **15,000 USD**

62

A FINE & DELICATE PANEL OF FOSSILIZED SAINT-JACQUES SHELLS

Estimate: 2,000 - 3,000 USD

Lot Sold: **5,625 USD**

63

COMPLETE TOOTH OF A WOOLY MAMMOTH

Estimate: 1,500 - 2,000 USD

Lot Sold: **5,000 USD**

64

A SLICE OF PETRIFIED OAK

Estimate: 8,000 - 10,000 USD

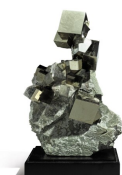
Lot Sold: **6,250 USD**



65

A LARGE GROUP OF AMMONITES

Estimate: 3,000 - 4,000 USD

Lot Sold: **875 USD**

66

A CLUSTER OF PYRITE CUBES

Estimate: 4,000 - 6,000 USD

Lot Sold: **6,250 USD**

67

A LARGE IRIDESCENT AMMONITE

Estimate: 4,000 - 6,000 USD

Lot Sold: **2,000 USD**

68

A GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS OLD), FONTAINEBLEAU, FRANCE

Estimate: 5,000 - 8,000 USD

Lot Sold: **8,750 USD**

69

"ALIEN" GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 4,000 - 6,000 USD

Lot Sold: **22,500 USD**

70

"GANESH" GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 4,000 - 6,000 USD

Lot Sold: **9,375 USD**



71

"VOYAGE TO THE CENTER OF THE EARTH" GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 20,000 - 30,000 USD

Lot Sold: **27,500 USD**

72

A "VENUS DE FONTAINEBLEAU" GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 35,000 - 45,000 USD

Lot Sold: **37,500 USD**

73

A GOGOTTE FORMATION, OLIGOCENE, (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 6,000 - 8,000 USD

Lot Sold: **2,750 USD**

74

A GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 4,000 - 6,000 USD

Lot Sold: **8,125 USD**

75

A GOGOTTE FORMATION, OLIGOCENE (30 MILLION YEARS AGO), FONTAINEBLEAU, FRANCE

Estimate: 60,000 - 80,000 USD

Lot Sold: **21,250 USD**

76

A LARGE AMMONITE

Estimate: 6,000 - 8,000 USD

Lot Sold: **7,500 USD**



77

AN AMMONITE

Estimate: 1,200 - 1,800 USD

Lot Sold: **5,250 USD**

78

A DIPLOCYNODON FOSSIL

Estimate: 20,000 - 30,000 USD

Lot Sold: **6,875 USD**

79

A LARGE MURAL OF FOSSILIZED SAINT-JACQUES SHELLS

Estimate: 20,000 - 30,000 USD

Lot Sold: **11,250 USD**

80

AN EXCEPTIONAL, LARGE DOUBLE-SIDED PLAQUE OF FOSSILIZED SAINT-JACQUES SHELLS

Estimate: 20,000 - 30,000 USD

Lot Sold: **2,750 USD**

81

A REMARKABLE FOSSIL SEA LILY MURAL

Estimate: 60,000 - 80,000 USD

Lot Sold: **81,250 USD**

82

A LARGE TRILOBITE MASS MORTALITY PLAQUE WITH ADDITIONAL SOLITARY SPECIMEN

Estimate: 8,000 - 12,000 USD

Lot Sold: **3,750 USD**

83

A SPLIT AMMONITE



Estimate: 600 - 800 USD

Lot Sold: **1,500 USD**

84

A LARGE CAVE BEAR SKELETON



Estimate: 30,000 - 35,000 USD

Lot Sold: **20,000 USD**

85

A RARE STARFISH FOSSIL



Estimate: 2,000 - 3,000 USD

Lot Sold: **8,750 USD**

86

A PAIR OF SPINY TRILOBITES



Estimate: 2,000 - 3,000 USD

Lot Sold: **2,250 USD**

87

A PAIR OF AMMONITES



Estimate: 3,000 - 4,000 USD

Lot Sold: **1,625 USD**

88

A PLAQUE OF THREE TRILOBITES



Estimate: 1,500 - 2,500 USD

Lot Sold: **500 USD**



89

A FINE NAUTILUS FOSSIL

Estimate: 800 - 1,200 USD

Lot Sold: **1,250 USD**

90

A FINE NAUTILUS CYMATOCERAS FOSSIL

Estimate: 1,000 - 1,500 USD

Lot Sold: **8,750 USD**

91

A FISH AND BIRD FOSSIL PLAQUE

Estimate: 20,000 - 30,000 USD

Lot Sold: **25,000 USD**

92

A CLUTCH OF SAUROPOD EGGS

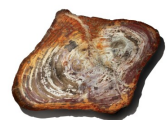
Estimate: 4,000 - 6,000 USD

Lot Sold: **10,000 USD**

93

A LARGE GASTROPOD SPECIMEN

Estimate: 1,500 - 2,500 USD

Lot Sold: **1,000 USD**

94

A LARGE SLICE OF PETRIFIED WOOD

Estimate: 8,000 - 12,000 USD

Lot Sold: **7,500 USD**

95



RARE PALM FLOWER AND FISH PLAQUE

Estimate: 35,000 - 45,000 USD

Lot Sold: **27,500 USD**

96



FOUR TRUNKS OF INDONESIAN PETRIFIED WOOD

Estimate: 2,500 - 3,500 USD

Lot Sold: **2,750 USD**

97



A PLAQUE OF SEVEN FOSSIL FISH

Estimate: 7,000 - 9,000 USD

Lot Sold: **6,250 USD**

98



PALM FROND WITH FISH

Estimate: 60,000 - 70,000 USD

Lot Sold: **56,250 USD**

99



A VERY FINE CRAB FOSSIL

Estimate: 4,000 - 5,000 USD

Lot Sold: **3,000 USD**

100



A SHRIMP PLAQUE

Estimate: 3,500 - 4,500 USD

Bidding is closed



101

A DOUBLE FOSSIL SEA LILY PLAQUE

Estimate: 25,000 - 30,000 USD

Lot Sold: **17,500 USD**

102

A SLICE OF SERICHO PALLASITE

Estimate: 8,500 - 10,000 USD

Lot Sold: **8,125 USD**

103

A FRAGMENT OF THE MARTIAN ZAGAMI METEORITE

Estimate: 1,500 - 2,000 USD

Lot Sold: **1,500 USD**

104

A SEYMCHAN METEORITE CUBE

Estimate: 4,000 - 6,000 USD

Lot Sold: **11,250 USD**

105

AN ICHTHYOSAUR

Estimate: 38,000 - 48,000 USD

Lot Sold: **30,000 USD**

106

A FINE PAIR OF CRAB FOSSILS

Estimate: 8,000 - 12,000 USD

Bidding is closed



107
A GROUP OF THREE AMMONITES

Estimate: 1,500 - 2,500 USD Lot Sold: **1,500 USD**



108
A LARGE QUARTZ SPECIMEN ON ILLUMINATED BASE

Estimate: 3,000 - 5,000 USD Bidding is closed



109
A VERY LARGE AMMONITE

Estimate: 14,000 - 16,000 USD Lot Sold: **7,500 USD**