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INAUGURAL EXHIBITIONS IMAGES

TOOLS: EXTENDING OUR REACH



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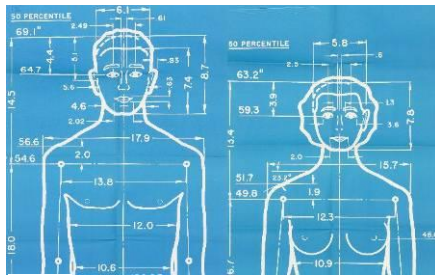


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BEAUTIFUL USERS



5



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7



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FOR HIGH RESOLUTION AND
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MAIRA KALMAN SELECTS



9



10



11



12

HEWITT SISTERS COLLECT



13



14



15



16

PASSION FOR THE EXOTIC: LOCKWOOD DE FOREST, FREDERIC CHURCH



17



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19

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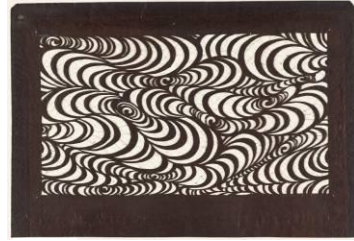
MAKING DESIGN



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MODELS & PROTOTYPES



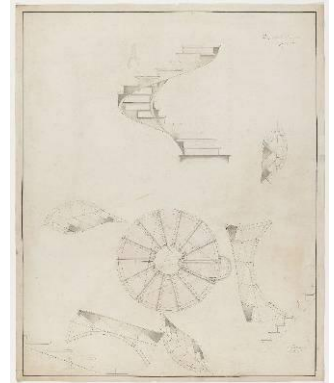
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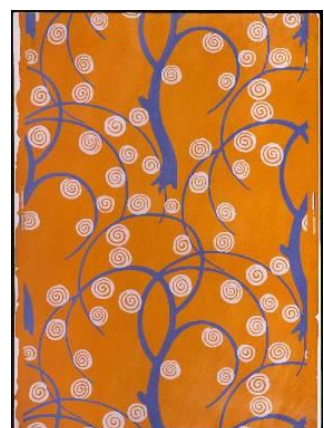
IMMERSION ROOM



28



29



30

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IMAGE CAPTIONS

TOOLS

1. Child's tool chest, 1900–24; R. Bliss Manufacturing Company (Pawtucket, Rhode Island, USA); Wood, metal, paint, paper, ink; 33 x 43.2 x 22.9 cm (13 x 17 x 9 in.); Smithsonian Institution, National Museum of American History, Washington, DC, Cat. 1977.1101.0167; Photo by Eric Long © Smithsonian Institution.
2. RoboBee, August 2012; Designed by Kevin Y. Ma (American, b. 1988) and Robert J. Wood (American, b. 1977); Core team: Kevin Y. Ma, Pakpong Chirattananon, Sawyer B. Fuller, Robert J. Wood, Harvard School of Engineering and Applied Sciences (Cambridge, Massachusetts, USA); Carbon fiber composite, piezoelectric ceramic, Garolite glass fiber composite, alumina ceramic, polyimide film, polyester film, acrylic film adhesive, cyanoacrylate adhesive, epoxy adhesive; 80 mg (about the weight of a honeybee), 2 x 3 cm wingspan (1 1/8 x 3/4 in.); Courtesy of Harvard School of Engineering and Applied Sciences and Wyss Institute for Biologically Inspired Engineering; Photo: Harvard School of Engineering and Applied Sciences and Wyss Institute for Biologically Inspired Engineering.
3. Solar Wall, 2010; Dr. Mark Weber (American, b. 1969) and Dr. Henry "Trae" Winter III (American, b. 1972); Video display of sun's surface from the Atmospheric Imaging Assembly aboard NASA's Solar Dynamics Observatory (SDO); Satellite launch date: February 11, 2010; Courtesy of Harvard-Smithsonian Center for Astrophysics (CfA); Photo by Harvard-Smithsonian Center for Astrophysics (CfA). © Clive Grainger, 2012.
4. Patent model for a clothespin, Patent no. 141,740, USA, August 12, 1873; Made by Vincent D. Urso (American, b. Italy, ca. 1850) and Benjamin Charles (American); Wood, metal; 7.9 x 1.9 x 1.3 cm (3 1/8 x 3/4 x 1/2 in.); Smithsonian Institution, National Museum of American History, Washington, DC, Cat. T11393.025; Photo by Jaclyn Nash © Smithsonian Institution.

BEAUTIFUL USERS

5. The Measure of Man posters (detail), 1969; Designed by Henry Dreyfuss (American, 1904–72) and Alvin R. Tilley (American, 1914–93), Henry Dreyfuss Associates (USA); Published by Whitney Library of Design (USA); Offset lithograph; Gift of Henry Dreyfuss; Henry Dreyfuss Archive; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
6. GRiD compass laptop computer prototype, 1981; Designed by Bill Moggridge (English, 1943–2012); Manufactured by GRiD Systems Corporation (USA); Die cast magnesium, injection molded plastic; 25.4 x 29.2 x 37.9 cm (10 x 11 1/2 x 14 15/16 in.); Gift of Bill Moggridge, 2010-22-1; Cooper Hewitt, Smithsonian Design Museum; Photo: Matt Flynn © Smithsonian Institution.
7. Leveraged Freedom Chair, 2012; User: Panna Lal Sahu; Invented by Amos Winter, Mario Bollini, Tish Scolnik, Benjamin Judge, Harrison O'Hanley, Daniel Frey at Massachusetts Institute of Technology (Cambridge, Massachusetts, USA); Designed by Amos Winter, Mario Bollini, Benjamin Judge, Harrison O'Hanley at GRIT (USA); Manufactured for GRIT (USA) by Pinnacle Industries (India); Mild steel, bicycle components; 101.6 x 127 x 66 cm (40 x 50 x 26 in.); Courtesy of GRIT.
8. Transparent Tool: Improvised Vacuum with Tube and Brush, 2012; Designed and produced by Jesse Howard (American, b. 1978); Plastic, wood, 3-D printed components, electrical components; 55 x 30 x 30 cm (21 5/8 x 11 13/16 x 11 13/16 in.), plus 1m metal tube, 1.5m flexible tube; Courtesy of the designer.

MAIRA KALMAN SELECTS

9. Pair of slippers, United States, 1830; Leather sole and upper, linen lining, silk bows; 5.7 x 6 x 22.9 cm (2 1/4 x 2 3/8 x 9 in.); Gift of Mrs. Robert P. Brown, 1960-81-18-a,b; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
10. Bulb lamp, Munich, Germany, 1966; Designed by Ingo Maurer (German, b. 1932); Manufactured by Ingo Maurer GmbH (Munich, Germany); Glass, chrome plated metal, incandescent bulb; 29.2 x 20.3 cm diam. (11 1/2 x 8 in.); Gift of Ingo Maurer, 2008-16-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Ellen McDermott © Smithsonian Institution.

11. Abraham Lincoln's watch, England, ca. 1858; Gold, glass, metal; Watch: 5.08 x 7.62 x 1.27 cm (2 x 3 x 1/2 in.), watch chain: 33.02 cm (13 in.); Gift of Lincoln Isham, great-grandson of Abraham Lincoln, 219098.1; Courtesy of National Museum of American History, Smithsonian Institution; © National Museum of American History, Smithsonian Institution.
12. Painting, Zig-Zag Chair, 2014; Maira Kalman (American, b. 1949); From Maira Kalman, *Ah-Ha to Zig-Zag: 31 Objects from Cooper Hewitt*, Smithsonian Design Museum (New York: Cooper Hewitt, Smithsonian Design Museum, 2014); Gouache on paper; 38.1 x 25.4 cm (15 x 10 in.); Scanned by GHP. © 2014 Maira Kalman.

HEWITT SISTERS COLLECT

13. Drinking cup (skyphos), Italy, 5th century BC; Slip painted red figured terracotta; 14 x 16.8 x 25.1cm (5 1/2 x 6 5/8 x 9 7/8 in.); Gift of Charles W. Gould, 1915-11-31; Cooper Hewitt, Smithsonian Design Museum; Photo by Eric Baum © Smithsonian Institution.
14. Birdcage, China, 1735–96; Lacquered wood with inlaid bone and ivory, ebony, carved wood, ivory, jade, amber, cloisonné enamel, glazed porcelain; (cage): 56.5 x 33 cm diam. (22 1/4 x 13 in.), (base): 6.5 x 33 cm diam. (2 9/16 x 13 in.); Gift of Thomas F. Ryan, 1916-26-1-a/jj; Cooper Hewitt, Smithsonian Design Museum; Photo by Ken Pelka © Smithsonian Institution.
15. Sidewall, *La Chasse au Faucon* (Falcon Hunt), 1794–97; Jacquemart & Benard (Paris, France); Block-printed on handmade paper; 104 x 54.5 cm (40 15/16 x 21 7/16 in.); Cooper Hewitt, Smithsonian Design Museum; Gift of Eleanor and Sarah Hewitt, 1931-45-28; Photo by Matt Flynn © Smithsonian Institution.
16. Fan, France, 1760–80; Gouache on parchment, paper backing (mount), and painted ivory (sticks); 27 x 46 cm (10 5/8 x 18 1/8 in.); Bequest of Sarah Cooper Hewitt, 1931-6-114; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.

PASSION FOR THE EXOTIC: LOCKWOOD DE FOREST, FREDERIC CHURCH

17. Oil sketch, Birbal's Palace, Fattipur Sikri (Fatehpur Sikri), India, 1881; Lockwood de Forest (American, 1850-1932); Brush and oil paint on thin paperboard; 26.2 x 31.7 cm (10 5/16 x 12 1/2 in.); Gifted by a Private Santa Barbara Collector, courtesy of Sullivan Goss - An American Art Gallery, 2013-38-2; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
18. Oil sketch, Jerusalem from the Mount of Olives, 1868; Frederic Church (American, 1826-1900); Brush and oil paint, graphite on cardboard; 30 x 47 cm (11 13/16 x 18 1/2 in.); Gift of Louis P. Church, 1917-4-341; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
19. Cake saw, Albany, New York, USA, 1870s; Manufactured by Sperry Douglas Brower and Son, formerly Sperry and Henson; Cut, engraved, and stamped silver; 27.6 x 4.1 x 0.2 cm (10 7/8 x 1 5/8 x 1/16 in.); Museum purchase from General Acquisitions Endowment Fund, 2011-7-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.

MAKING DESIGN

20. Tall Green Bloom urn, England, 2012; Designed by Michael Eden (English, b. 1955); 3-D printed Nylon; 41 x 18 cm (16 1/8 x 7 1/16 in.); Museum purchase through gift of Elizabeth and Lee Ainslie and from General Acquisitions Endowment Fund, 2013-53-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Ellen McDermott © Smithsonian Institution.
21. Rolodex open rotary card file, USA, 1950; Manufactured by Rolodex Corporation; Bent tubular metal, molded plastic, molded rubber, paper; 18 x 18 x 16.5 cm (7 1/16 x 7 1/16 x 6 1/2 in.); Gift of Rolodex Corporation, 1996-14-2; Cooper Hewitt, Smithsonian Design Museum; Photo by Richard Goodbody © Smithsonian Institution.
22. Stencil, Katagami, Water Pattern, Japan, late 19th–early 20th century; Cut mulberry paper treated with persimmon tannin and silk thread; 19 x 34.2 cm (7 1/2 x 13 7/16 in.); Gift of Helen Snyder, 1976-103-111; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
23. Poster, Dylan, 1966; Milton Glaser (American, b. 1929); Lithograph on paper; 84 x 55.9 cm (33 1/16 x 22 in.); Gift of Richard Kusack, 2007-24-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.

MODELS & PROTOTYPES

24. Staircase model, France, late 18th century; Joined, bent and carved pear, wrought brass wire; 75 x 67.3 x 67 cm (29 1/2 x 26 1/2 x 26 3/8 in.); Gift of Eugene V. and Clare E. Thaw, 2007-45-11; Cooper Hewitt, Smithsonian Design Museum; Photo by James Hart © Smithsonian Institution.
25. Pulpit model, France, mid-19th century; Carved, joined and veneered walnut, pear, oak; 70 x 40.6 x 33 cm (27 9/16 x 16 x 13 in.); Gift of Eugene V. and Clare E. Thaw, 2007-45-13; Cooper Hewitt, Smithsonian Design Museum; Photo by Ali Elai © Smithsonian Institution.
26. Staircase model, Paris, France, late 19th century; Carved, bent, joined and veneered cherry and walnut; 31 x 13 x 17.2 cm (12 3/16 x 5 1/8 x 6 3/4 in.); Gift of Eugene V. and Clare E. Thaw, 2007-45-8; Cooper Hewitt, Smithsonian Design Museum; Photo by James Hart © Smithsonian Institution.
27. Drawing, Perspective and Plan View of a Sprial Staircase that turns Left, 1883; Adolph Bordeaux (French, active 1880-1890); Graphite and brush and watercolor, pen and black ink on cream laid paper; 56.5 x 46 cm (22 1/4 x 18 1/8 in.); Gift of Eugene V. and Clare E. Thaw, 2007-53-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.

IMMERSION ROOM

28. Sidewall, probably England, 1770-80; Block-printed on joined sheets of handmade paper; 152 x 50.5 cm (59 13/16 x 19 7/8 in.); Gift of Mrs. Luke Vincent Lockwood, 1935-6-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
29. Sidewall, England, 1840-60; Machine-printed on paper; 75.5 x 56 cm (29 3/4 x 22 1/16 in.); Museum purchase through gift of George Arnold Hearn, 1943-25-1; Cooper Hewitt, Smithsonian Design Museum; Photo by Matt Flynn © Smithsonian Institution.
30. Sidewall, Wallpaper with Stylized Trees, ca. 1925; Rene Crevel for Nancy McClelland, Inc. (Paris, France); Produced by C. H. H. Geffroy; Block-printed on paper; 71 x 51 cm (27 15/16 x 20 1/16 in.); Gift of Nancy McClelland, 1945-3-6; Cooper Hewitt, Smithsonian Design Museum; Photo by Ken Pelka © Smithsonian Institution.

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