

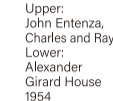
People



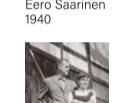
Ray on the day of wedding 1941



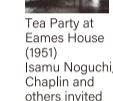
Photoshoot for Christmas card with a plywood sculpture /1944



Upper: John Entenza, Charles and Ray Lower: Alexander Girard House 1954



Charles and Eero Saarinen 1940



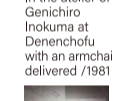
Eames House and Charles and Ray /1956



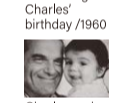
Tea Party at Eames House (1951) Isamu Noguchi, Chaplin and others invited



Shoji Hamada, at the office 1963



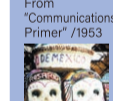
Ray and Sori Yanagi /1978



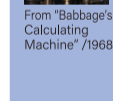
Ray and Isamu Noguchi /1979



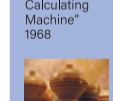
In the atelier of Genichiro Inokuma at Denenchofu with an armchair delivered /1981



Eames Office celebrating Charles' birthday /1960



Charles and his grandson Eames /1969



From "Communications Primer" /1953



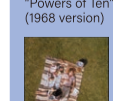
From "Day of the Dead" /1957



From "Babbage's Calculating Machine" /1968



From "Tops" 1969



Filming of Daigoro Takamiyama at the office /1972



From "Computer Perspective" 1969



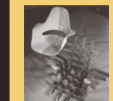
From "Design Q&A" /1972

From "Design Q&A" /1972

Charles during film taking "Powers of Ten" (1968 version)

From "Powers of Ten" /1977

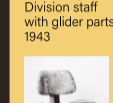
Product



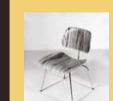
From the Organic Design Competition 1940



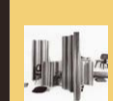
Manufacturing of splints /1943



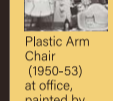
Molded Plywood Division staff with glider parts 1943



Dining Chair Wood 1945



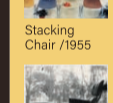
Dining Chair Metal 1946



Plywood Folding Screen 1946



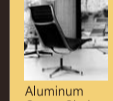
Plastic Arm Chair (1950-53) at office, painted by Saul Steinberg



Wire Mesh Chair 1951-53



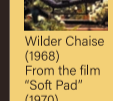
Hang It All 1953



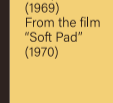
Stacking Chair /1955



Lounge Chair and Ottoman taken at Eames House /1956



Aluminum Group Chair 1958



La Fonda Chair /1961



Wilder Chaise (1968) From the film "Soft Pad" (1970)



Soft pad chair (1969) From the film "Soft Pad" (1970)



From "Computer Perspective" 1969



From "Design Q&A" /1972



Charles during film taking "Powers of Ten" (1968 version)

Charles and Ray

- 07 Charles Eames born in St. Louis, Missouri
- 12 Bernice Kaiser (Ray) born in Sacramento, California
- 25 Charles entered School of Architecture, Washington University (withdrew in 1928)
- 29 Charles married to Catherine Woermann First saw modernism architecture during his trip to Europe
- 30 Charles began his architectural practice in St. Louis Lucia, the daughter, was born
- 31 Ray entered May Friend Bennett School (graduated in 1933)
- 33 Ray studied painting with artist Hans Hofmann
- 34 Charles closed his office and left for the 8-month trip to Mexico
- 35 Charles opened the architectural office with Robert Walsh St. Mary's Church designed by Charles was featured in "Architectural Forum" Started to socialize with Eliel Saarinen
- 36 Ray became a founding member of AAA (American Abstract Artists)
- 38 Eliel Saarinen offered Charles a fellowship at Cranbrook Academy of Art
- 39 Charles became a lecturer at Cranbrook Academy of Art
- 40 Ray attended Cranbrook Academy of Art Charles and Eero Saarinen got first prize at Organic Design for Home Furnishings competition organized by MoMA
- 41 Charles and Ray got married Moved to California and lived in Strathmore apartment designed by Richard Neutra Stared an experiment to manufacture molded plywood at home Charles worked for Art Department of MGM movie studio
- 42 Plyformed Wood Company established Commissioned to manufacture splints and stretchers by US Navy Ray designed the cover of "Arts and Architecture (A&A)" for the first time
- 43 Plyformed Wood Company became Molded Plywood Division of Evans Products The office moved to 901, Washington Boulevard
- 44 Charles and Ray joined July issue on prefabricated houses of "A&A"
- 45 Case Study House Program was announced in "A&A"
- 46 Exhibition "New Furniture Design by Charles Eames" Herman Miller started mass production of Eames furniture with recommendation by George Nelson
- 47 Charles became a design consultant to Herman Miller Accepted for "Competition for Printed Fabrics" by MoMA
- 48 Accepted for "International Competition for Low-Cost Furniture Design" by MoMA Involved in graphics for Herman Miller (until 1960's) Joined honeymoon trip of Mr. and Mrs. Billy Wilder

- 49 Case Study House #8 published in "A&A" Charles and Ray moved to Eames House Participated in Detroit Institute of Arts "Exhibition for Modern Living" Involved in interior design of Herman Miller Showroom (until 1976)
- 50 Participated in "Good Design" Exhibition at MoMA Saul Steinberg painted on the furniture at Eames Office From Isamu Noguchi to Isamu Kenmochi and Genichiro Inokuma Plastic armchair delivered (in 1951)
- 51 Charles made a lecture at International Design Conference in Aspen Tea Party at Eames House Soko Sen (the 15th head of Urasenke) visited Eames House
- 52 Isamu Kenmochi visited Eames House
- 53 Lecture "Sample Lesson" at UCLA
- 54 Shoji Hamada, Muneyoshi Yanagi, Bernard Leach visited Eames House Charles travelled to Germany as a part of the exchange program The films, "Blacktop" and "Parade" were awarded at Edinburgh International Film Festival Genichiro Inokuma visited Eames House Charles participated in the shooting of the film "The Spirit of St. Louis" directed by Billy Wilder

- 56 Sori Yanagi, Riki Watanabe and Masaru Katsumi visited Eames House
- 57 Charles and Ray visited Japan for the first time in December Visited India to work on the report requested by Indian government Vitra began producing Eames furniture in Europe

- 59 Multiscreen installation "Glimpse of the USA" at Moscow during Cold War Charles made a lecture for RCA (Royal College of Art) and RIBA (Royal Institute of British Architects) at V&A
- 60 Exhibition of Herman Miller at Isetan Department Store in Tokyo Charles received Diploma of Honorary Royal Designer for Industry by The Royal Society of Arts

- 61 Ray visited Japan by herself Began Producing IBM Science and Technology Exhibitions including "Mathematica"

- 64 Produced IMB Pavilion at New York Expo

- 65 "Works of EAMES" Exhibition at Matsuya Ginza Isamu Kenmochi was in charge of the exhibition organized by Japan Design Committee

- 67 The third Middle East War

- 69 Broadcasting "Profile of Charles Eames", special TV program Charles and Ray started producing MIT reports suggesting new approach to learning

- 70 Charles was appointed to National Council on the Arts by President Nixon Became Honorary Fellow of Manchester Polytechnic, UK Charles Elliot Norton Memorial Lecture at Harvard University

- 72 Kisho Kurokawa "Nakagin Capsule Tower Building"

- 73 Jørn Utzon "Sydney Opera House"

- 75 Film "Eames Celebration" by Perry Miller "Nelson, Eames, Girard, Probst" Exhibition

- 76 Travelling Exhibition "Connections: The Works of Charles and Ray Eames" in USA and Europe

- 77 Ray was awarded with Women of the Year by California Museum of Science and Industry Charles and Ray joined Alliance Graphique Internationale

- 78 Charles made a lecture at International Design Conference in Aspen Ray visited Japan third times Charles passed away in his hometown St. Louis

- 79 RIBA (Royal Institute of British Architects) awarded Gold Medal to Charles and Ray

- 84 Ray received Institute Doctorate of Fine Arts by Otis Art Honorary, Parsons School of Design

- 88 Ray passed away on August 21 in Los Angeles

Products

- 41 ● Kazam! Machine (Molded Plywood Trial Machine) ● Leg Splints (Developed for veterans) ● Organic Chair (Charles and Eero Saarinen)
- 42 ● Plywood sculpture ● 6 cover pages of "A&A" (Ray)
- 43 ● Aircraft and glider parts made of plywood ● City Hall plan for "Architectural Forum" (Charles and John Enenza) ● 10 cover pages of "A&A" (Ray)
- 44 ● 8 cover pages of "A&A" (Ray)
- 45 ● Slide Show "Lecture" ● LCW (Lounge Chair Wood) ● DCW (Dining Chair Wood) ● Children's Chair ● Children's Stool ● Plywood Elephant ● Fabric "Crosspatch" (Ray)
- 46 ● LCM (Lounge Chair Metal) ● DCM (Dining Chair Metal) ● CTW (Coffee Table Wood) ● DTM (Dining Table Metal) ● FSW (Folding Screen Wall) ● Case Goods ● Plywood Lounge Chair ● Molded Plywood Radio Enclosure
- 47 ● Plywood Folding Table ● Sea Things Tray ● 2 Cover Pages of "A&A" (Ray) ● Jefferson National Expansion Memorial Competition
- 48 ● La Chaise ● Graphics for Herman Miller
- 49 ● Case Study House #8 Eames House ● Case Study House #9 Entenza House ● Herman Miller Showroom ● Unedited film on housing architecture ● Room set for Modern Living Exhibition

- 50 ● Film "Travelling Boy" ● ESU (Eames Storage Unit) ● Plastic Armchair ● Plastic Side Chair ● Low Table Wire Base ● Mask ● Wilder House (planned) ● Display at Carson Pirie Scott
- 51 ● Wire Sofa ● Wire Mesh Chair ● ETR (Elliptical Table Rod Wire Base) ● The Toy ● Kwikset House ● Macy 4-Room Display
- 52 ● Films "Blacktop", "Parade" ● A Rough Sketch for a Sample Lesson for a Hypothetical Course ● House of Cards ● The Little Toy ● Philip Dunne Office ● Robes for Herman Miller Mixed Chorus (Ray)
- 53 ● Films "A Communication Primer", "Bread", "Calligraphy" ● Slide Shows "Railroad", "Seascape", "Townscape" ● Sample Lesson (the University of Georgia, UCLA) ● Hang It All ● Giant House of Cards
- 54 ● Film "S-73" ● Stadium Sheeting ● Sofa Compact ● Compact Storage ● Max De Pree House

- 55 ● Films "House: After 5 Years", "Textile and Ornamental Art of India", "Two Baroque Churches in Germany" ● Slide Show "Konditorei" ● Stacking Chair ● The Coloring Toy
- 56 ● Film "Eames Lounge Chair" ● Lounge Chair & Ottoman ● Stephens Speaker
- 57 ● Films "Day of the Dead", "Toccata for Toy Trains" ● "Stars of Jazz", "The Information Machine" ● "The Spirit of St. Louis" (excerpt) ● Solar Do-Nothing Machine ● Griffith Park Railroad
- 58 ● India Report ● Film "The Expanding Airport", "De Gaulle Sketch", "Herman Miller at the Brussels World's Fair" ● Aluminum Group

- 59 ● Film "Kaleidoscope Shop" ● "Time & Life International Lobby" ● Revell Toy House

- 60 ● Film "Kaleidoscope Jazz Chair" ● Films for the program "The Fabulous Fifties" ● Time Life Chair ● Walnut Stool ● Time & Life Building Lobbies

- 61 ● Exhibition "Mathematica" ● Films for "Mathematica Peep Show" ● Film "ECS" ● Slide Show "Tivoli" ● Executive Chair ● La Fonda Chair ● ECS (Eames Contract Storage)

- 62 ● Films for the program "The Good Years", ● Films "The House of Science", "Before the Fair" ● "IBM Fair Presentation #1" ● "IBM Fair Presentation #2" ● Tandem Sling Seating ● Tandem Shell Seating

- 63 ● Exhibition and Film Show at "IBM Pavilion", New York Expo ● Films "The House of Science", "THINK", "Truck Test" ● School seating ● 3437 Sofa ● Segmented Base Table

- 65 ● Exhibition "Nheru" ● Films "The Smithsonian Institution", "IBM at the Fair", "Westinghouse in Alphabetical Order", "IBM Puppet Show"

- 66 ● Films "View from the People wall", "The Leading Edge", "Horizon" ● Timeline "Men of Modern Mathematics" ● Smithsonian Carousel (Proposal) ● National Aquarium (Proposal)

- 67 ● Films "National Fisheries Center and Aquarium", "The Scheutz Machine" ● Slide show "Picasso", "G.E.M.", "Herman Millar International" ● Timeline "A Pictorial History of Herman Miller, Inc."

- 68 ● Exhibition "Photography & the City" ● Films "Powers of Ten: A Rough Sketch", "The Lick Observatory", "A Computer Glossary", "IBM Museum", "Babbage's Calculating Machine" ● Intermediate Desk Chair ● Soft Pad Chaise (Billy Wilder Chaise) ● IBM Presentation Center

- 69 ● Exhibition "What is Design?" ● Soft Pad Group ● Film "Image of the City", "Tops", "Mollusca" ● Booklet "National Fisheries Center and Aquarium"

- 70 ● Films "Soft Pad", "Fiberglass Chair", "The Black Ships", "A Small Hydromedusan" ● Drafting Chair ● Computer House of Cards

- 71 ● Exhibition "A Computer Perspectives" ● Films "Clown Face", "Computer Landscape", "Johnny Peer's Clown Face" ● Loose Cushion Arm Chair ● Two-piece Plastic Chair

- 72 ● Exhibition "Wallace J. Eckert", "Copernicus", "Fibonacci" ● Films "Computer Perspective", "Banana Leaf", "Sumo Wrestler", "Design Q&A", "SX-70", "Cable: The Immediate Future", "Alpha"

- 73 ● Exhibition "Movable Feasts and Changing Calendars", "On the Shoulders of Giants", "Isaac Newton" ● Films "Franklin & Jefferson", "Copernicus", "Exponents", "Two Laws of Algebra", "Two Stones" ● Book "A Computer Perspective"

- 74 ● Exhibition "Philosophical Gardens" ● Films "Newton's Method", "Callot", "Kepler's Laws" ● Newton Cards

- 75 ● Exhibition "The World of Franklin and Jefferson" ● Film "Metropolitan Overview"

- 76 ● Exhibition "Images of Early America" ● Films "The World of Franklin and Jefferson", "Something about Photography", "Atlas", "The Look of America" ● Slide Show "Tall Ships" ● Book "The World of Franklin and Jefferson"

- 77 ● Slide Shows "Innovation", "Innovation 2" ● Films "Daumier", "Polavision", "Powers of Ten" ● IBM 590 Corporate Exhibit Center (proposal)

- 78 ● Films "Degas in the Metropolitan", "Cézanne", "Sonar One-Step", "Merlin and the Time Mobile", "Art Game" ● "Polavision Vignettes"

- 79 ● Film "A Report on the IBM Exhibition Center" ● Film "Goods" ● Book "Powers of Ten"

- 84 ● Eames Leather & Teak Sofa ● Book "Eames Design" (Ray Eames, John Neuhart, Marilyn Neuhart)

- 90 ● Film "901: After 45 Years of Working" (Eames Demetrios)

World Architecture and Design

Architecture: Year of completion Others: Year of Publication

- 10 ● Frank Lloyd Wright ● "Robie House"
- 22 ● Rudolf Schindler ● "Schindler House and Studio"
- 25 ● Marcel Breuer "B3" (Wassily Chair)
- 27 ● Weißenhofsiedlung
- 28 The first Congrès International D'Architecture Moderne (CIAM)
- 29 ● Mies van der Rohe ● "Barcelona Pavilion" ● Richard Neutra ● "Lovell Health House"
- 31 ● Le Corbusier "Villa Savoye"
- 32 ● Alvar Aalto "Paimio chair"
- 33 ● Alvar Aalto "Paimio Sanatorium and Housing Complex"
- 35 ● Kameki Tsuchiura ● "Kameki Tsuchiura House"
- 37 ● Frank Lloyd Wright "Fallingwater" ● Harwell Hamilton Harris ● "Entenza House"
- 38 ● Walter Gropius "Gropius House"
- 39 ● Marcel Breuer "Breuer House" ● Alvar Aalto "Villa Mairea"
- 40 ● Finn Juhl "Pelican Chair"

- 42 ● Eliel Saarinen Cranbrook Academy of Art (Planning started in 1925)

- 47 ● Isamu Noguchi "Noguchi Table"
- 48 The first Congress of Union Internationale des Architectes (UIA) ● Luis Barragan ● "Casa Estudio Luis Barragan" ● George Nelson "Ball Clock" ● Richard Neutra ● "Case Study House #20"

- 49 ● Philip Johnson "The Glass House (Johnson House)" ● Hans Wegner "Wishbone Chair"

- 50 ● Raphael Soriano ● "Case Study House #1950"

- 51 Alexander Girard joined Herman Miller ● Mies van der Rohe "Farnsworth House"

- 52 ● Kiyoshi Seike "K. Saito House" ● Harry Bertioia "Diamond Chair" ● Arne Jacobsen "Ant Chair"

- 53 Ulm School of Design established ● Craig Ellwood "Case Study House #16" ● Kenji Hirose "SH-1"

- 54 ● Paul Rudolf "Umbrella House" ● Seike Kiyoshi "My House"

- 55 ● Le Corbusier "Chapelle Notre-Dame du Haut de Ronchamp" ● Kunio Maekawa, Junzo Itakura, Junzo Yoshimura ● "International House of Japan"

- 56 The 6th International Design Conference in Aspen ● Sori Yanagi "Butterfly Stool" ● Eero Saarinen "Tulip Chair"

- 57 ● Gio Ponti "Superleggera"
- 58 ● Kiyonori Kikutake "Sky House" ● Tachu Naito, Nikken Sekkei, Ltd. "Tokyo Tower" ● Buff, Straub & Hensman ● "Case Study House #20" ● Pierre Koenig "Case Study House #21"

- 59 ● Le Corbusier ● "The National Museum of Western Art" ● Frank Lloyd Wright ● "Guggenheim Museum"

- 60 The 1st World Design Conference (Tokyo) ● Oscar Niemeyer ● "Parliament Building at Brasilia" ● Pierre Koenig ● "Case Study House #22" ● Killingsworth, Brady and Smith ● "Case Study House #23"

- 61 Eero Saarinen died

- 63 ● Hans Scharoun ● "Berlin Philharmonic" ● Eero Aarnio "Ball Chair" ● John Lautner "Goldstein House"

- 64 ● Kenzo Tange ● "Yoyogi National Gymnasium"

- 65 ● Louis Kahn "Salk Institute for Biological Studies"

- 67 ● Buckminster Fuller ● "Montreal Biosphere" ● Raymond Kappe "Kappe House" ● Verner Pantton "Panton Chair"

- 68 ● Ettore Sottsass, Perry King ● "Valentine Typewriter"

- 70 ● Kenzo Tange ● "Master Plan for Osaka Expo"

- 72 ● Kisho Kurokawa ● "Nakagin Capsule Tower Building"

- 73 ● Jørn Utzon "Sydney Opera House"

- 76 ● Minoru Yamasaki ● "World Trade Center" ● Tadao Ando ● "Row House in Sumiyoshi"

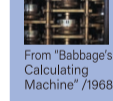
- 77 ● Renzo Piano, Richard Rogers ● "Centre Pompidou"

- 78 ● Norman Foster ● "Sainsbury Centre for Visual Arts"

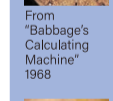
Film



From "Communications Primer" /1953



From "Day of the Dead" /1957



From "Babbage's Calculating Machine" /1968



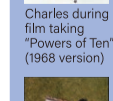
From "Tops" 1969



Filming of Daigoro Takamiyama at the office /1972



From "Computer Perspective" 1969



From "Design Q&A" /1972



Charles during film taking "Powers of Ten" (1968 version)



From "Powers of Ten" /1977

29 Great Depression of the World