

## Series Outline

1. Individual and Organizational Correspondence, 1925 1930-1933 1937 1941-1979 2004
2. Manuscripts and Publications, 1937-1977
3. Project Files, 1929-1971 undated
4. Sketchbooks and Artworks, 1909-1976 undated
5. Photographs and Biographical Materials, 1899-1980 2007 undated

## Detailed Description of the Collection

### Box

#### 1. Individual and Organizational Correspondence, 1925 1930-1933 1937 1941-1979 2004 (18 boxes)

The breadth of the Individual and Organizational Correspondence series is reflective of Hayward's many interests and associations. Of particular note are the three boxes of communications with Clair L. "Red" Stong and the multiple John D. Strong correspondence files. Exchanges with Linus Pauling, Dennis Flanagan and Albert G. Ingalls are also organized within this series, as are nearly thirty years worth of letters documenting Hayward's long association with the book publishers W. H. Freeman & Co.

#### 1.001 Correspondence: A - Be, 1933 1937 1955-1977 (13 folders)

##### Folder

- 1.1 Astronomical Society of the Pacific, 1960 1963-1966 1974-1975
- 1.2 Assorted Correspondence: A, 1951-1952 1954-1956 1958 1961-1965 1969-1973
- 1.3 Babcock, Henry A., 1960 1970 1974 1976
- 1.4 Badger, Richard M. and Virginia, 1960-1961 1965 1967 1974-1977 [File includes correspondence with Anthony S. Badger.]
- 1.5 Bakelew, James T., 1958 1961 1965 1969 [Bakelew was a patent attorney whose services were retained by Hayward. The Bakelew file contains untitled sketches of a film projection apparatus proposed by Hayward in June 1961.]
- 1.6 Barr, Stephen, 1962
- 1.7 Baxter, Frances, 1959-1963 1965 [File contains original artworks by Frances Baxter.]
- 1.8 Baxter, Frances, 1969-1970 1972-1976 [File contains original artworks by Frances Baxter.]
- 1.9 Beadle, George W., 1961-1962
- 1.10 Beattie, Priscilla, 1968 1974
- 1.11 Beckman, Arnold O., 1966-1967 1977
- 1.12 Bell, Eric Temple, 1937 1957 1959-1961 1964
- 1.13 Beroju Puppet Theatre, 1933 [The Beroju Puppet Theatre was a Depression-era enterprise founded by Roger, Betty and Julian Hayward, each of whom participated in the production of puppet shows performed for a fee at various locations in the Pasadena area, including the Hayward home.]

#### 1.002 Correspondence: Bi - Br, 1954-1972 (8 folders)

- 2.1 Birchard, John, 1954 1956 1965
- 2.2 Blaker, Alfred A., 1965-1966
- 2.3 Blaker, Alfred A., 1967
- 2.4 Blaker, Alfred A., 1968-1970
- 2.5 Bonestell, Chesley, 1962-1963 1965 1969
- 2.6 Bruce, C. E. R., 1965-1967
- 2.7 Bruce, C. E. R., 1968-1972
- 2.8 Assorted Correspondence: B, 1955-1962 1964-1968 1970-1971

#### 1.003 Correspondence: C - D, 1925 1930 1935 1941 1949-1976 (34 folders)

- 3.1 Cady, Mike, 1972
- 3.2 Cady, Walter Guyton, 1963-1971
- 3.3 California Institute of Technology, 1948-1963 1964 1966-1967 [File contains employment and billing records dating to Hayward's association with Caltech, correspondence related to Hayward's work at the Mount Wilson Observatory, and materials documenting the planning and construction of the Sloan Laboratory of Mathematics and Physics.]
- 3.4 Cannon, Grahame and Alzada, 1958 1960-1961 1975-1976
- 3.5 Carmichael, Jae, 1962 1973 1975 [File includes description of four mobiles created by Hayward and displayed at a Laguna Beach Art Association show.]
- 3.6 Chamberlin, Katherine, 1961 1975
- 3.7 Clarke, Katherine, 1975
- 3.8 Clements, Thomas C. [American Amateur Chronometric Society], 1964-1966

- 3.9 Cohen, Josef, 1961
- 3.10 Cook, Alan, 1972 1974
- 3.11 Corey, Robert B., 1959
- 3.12 Coze, Paul, 1953-1955 1957-1958
- 3.13 Cram and Ferguson, Architects, 1925 1935 1941 1958-1959 1965 1970 1972 1974 [File includes correspondence with Alexander E. Hoyle, Ralph A. Cram, Ann Cram and Whitworth Ferguson.]
- 3.14 Thomas Y. Crowell Company, 1954-1955 [File concerns Hayward's proposed illustration of a new edition of Michael Faraday's lecture "Chemical History of the Candle." Includes two etchings of candles by Hayward.]
- 3.15 Currier Gallery of Art [Manchester, New Hampshire], 1930
- 3.16 Assorted Correspondence: C, 1956 1958 1960 1962 1964-1967 1970 1972-1973
- 3.17 Dall, Horace, 1965-1971
- 3.18 Dandliker, Walter B., 1955-1956
- 3.19 Danielson, John Lewis, 1957-1958
- 3.20 Dann, Frode, 1962-1964 1966-1969
- 3.21 Davies, Philip W., 1961
- 3.22 Davies, Robert H., 1974-1975
- 3.23 Davis, Robert N., 1965-1966 1970-1971 1974-1975
- 3.24 DeWees, Ben, 1962 1974 1976
- 3.25 Dills, Charles E., 1964
- 3.26 Dimmock, Marion S., 1965
- 3.27 Dodd, Mead & Co., 1958-1959 [File contains correspondence and billing statements related to Hayward's illustration of *No More War!*, by Linus Pauling.]
- 3.28 Dornbusch, Charles H., 1957 1960 1964 1966-1972 1974-1975
- 3.29 Downs, George W., 1959
- 3.30 DuMond, Jesse W. M., 1956-1957 1961-1962 1970-1973 1976
- 3.31 Dunham, Theodore, 1946 1951 1973
- 3.32 Dunipace, Donald W., 1965-1966
- 3.33 Duren, William L., Jr., 1957-1958 1961 1963 1968-1971 1973
- 3.34 Assorted Correspondence: D, 1963 1972
- 1.004 Correspondence: E - G, 1948-1977 (22 folders)
- 4.1 Edmund Scientific Co., 1962-1965 1967 1971
- 4.2 Encyclopedia Britannica Films, Inc., 1964
- 4.3 Estey, Roger S., 1962-1963 1965 1970 1974-1975 1977
- 4.4 Assorted Correspondence: E, 1955 1959-1962
- 4.5 Fay, Peter W., 1962 1965 1969 1973-1976 [File includes list of Hayward drawings used as illustrations in Fay's book *The Opium War, 1840-1842* (1975). File also includes correspondence with W.W. Norton & Co. regarding publication of the book.]
- 4.6 Feibelman, Walter A., 1960-1961
- 4.7 Flanagan, Dennis [*Scientific American*], 1948-1963
- 4.8 Flanagan, Dennis [*Scientific American*], 1964-1976
- 4.9 Freese, Winifred, 1975-1976
- 4.10 Assorted Correspondence: F, 1951 1954
- 4.11 Gaddis, Thomas E., 1957
- 4.12 Gamble, John G., 1961-1962
- 4.13 Gamow, George, 1955 1961
- 4.14 Gardner, Martin, 1960-1970 1972-1975
- 4.15 Gibberd, Eric and Polly, 1949 1955-1965 1969 1972 1974-1975
- 4.16 Goldman, James A., 1967-1969 [File includes correspondence with Goldman's associates Sara and Daniel Ross, as well as drawings by Daniel Ross.]
- 4.17 Gombrich, Ernst, 1972 [File includes materials related to the Gouse Sunchart.]
- 4.18 Grant, Ernie, 1962-1963 1970-1974 1976
- 4.19 Green, David and Jaxine, 1960 1962 1975-1977
- 4.20 Gross, Meredith Grant, 1968-1969

- 4.21 Grove Press, Inc., 1972 [File includes Hayward's description of a proposed book of illustrations depicting human dress unlimited by "some unknown twist of fate which caused it to systematically conceal the genitals."]
- 4.22 Assorted Correspondence: G, 1953-1954 1957 1959-1963 1965-1968 1975
- 1.005 Correspondence: H, 1938 1956-1973 (8 folders)
- 5.1 Hall, Norman, 1964-1965 1967
- 5.2 Hamilton, Jack, 1956-1959
- 5.3 Hamilton, Jack, 1960-1967 1971
- 5.4 Hathaway Home for Children [Los Angeles], 1957-1959
- 5.5 Holt, Frank L., 1963
- 5.6 Howard, John N. [*Applied Optics*], 1973
- 5.7 Hughes, Darrell S., 1961 1964-1965 1968-1969
- 5.8 Assorted Correspondence: H, 1938 1957
- 1.006 Correspondence: Albert G. "Doc" Ingalls, 1949-1953 1958 (2 folders) [Albert G. Ingalls was the first editor of the *Scientific American* "Amateur Scientist" column, to which Hayward frequently contributed both illustrations and texts. The Ingalls correspondence files consist of letters between Ingalls and Hayward related to the column, as well as to Hayward's contributions to *Amateur Telescope Making*, a three-volume work edited by Ingalls.]
- 6.1 Ingalls, Albert G., 1949-1951
- 6.2 Ingalls, Albert G., 1952-1953 1958
- 1.007 Correspondence: I - L, 1944 1953-1978 (16 folders)
- 7.1 Assorted Correspondence: I, 1953
- 7.2 Jackson, John Early, 1961
- 7.3 Johnson, Lyndon B., 1966 1968
- 7.4 Kalionzes, Gus W., 1975-1976
- 7.5 Kovinick, Phil, 1973-1976
- 7.6 Kramer, James R. and Miriam, 1977-1978
- 7.7 Land, Edwin H., 1959
- 7.8 Langer, Rudolph, 1955 1973-1974
- 7.9 Leslie Briggs Discussion Group, 1944 1954-1956 1962 1970-1971 1974-1975 1978 [File includes correspondence with Moses A. Cortland as well as an unpublished work: "The History of the Leslie Briggs Discussion Club, 1934-1978."]
- 7.10 *Letters Magazine*, 1968
- 7.11 Lewis, Charlton M., 1972 1976
- 7.12 Lewis, William Bradley, 1956-1957 1958-1963 [File includes a large volume of material concerning the Hayward-Lewis Pen.]
- 7.13 Lewis, William Bradley, 1964-1972 1974-1977
- 7.14 Luke, Dorman, 1963
- 7.15 Lunden, Hayward & O' Connor, Architects, 1950 1953-1954 1956-1957 1960 [File consists primarily of correspondence documenting the dissolution of the firm.]
- 7.16 Assorted Correspondence: L, 1953 1956-1959 1960-1961 1964-1967 1970-1971 1973
- 1.008 Correspondence: M - N, 1917-1923 1926 1951-1979 2004 (23 folders)
- 8.1 Mackay, R. Stuart, 1961
- 8.2 MacLaren, Walter R., 1960-1961 1964 1974-1975
- 8.3 Marquis Who's Who, 1951-1952 1963-1966 1968-1969 1972-1973
- 8.4 Marsh, Esbon R., 1967 1972 1974-1976
- 8.5 Mason, Brian H. [American Museum of Natural History], 1958
- 8.6 Mason, Max, 1969
- 8.7 Massachusetts Institute of Technology, 1917-1923 1964-1965 1967 1973 [File includes academic and financial records related to Hayward's undergraduate studies at M. I. T.]
- 8.8 Mattill, John I., 1972-1973
- 8.9 McConnell, James V. [*The Worm Runner's Digest*], 1968-1977 1979
- 8.10 McKinney, William M., 1966
- 8.11 Meinel, Aden, 1951-1952 1965 1973 2004 [File includes Meinel's recollections concerning Hayward's work on the Schmidt-Cassegrain telescope, 2004.]

- 8.12 Mitchell, George A., 1961 1970-1972 [File includes untitled sketches of a film projection apparatus proposed by Hayward in June 1961.]
- 8.13 Morris, George E., 1970-1971 1973-1976
- 8.14 Moscona, Harry A., 1967-1968
- 8.15 Moses, Robert A., 1959
- 8.16 Assorted Correspondence: M, 1926 1953-1955 1958-1961 1964-1967 1971-1973
- 8.17 Neher, Andrew W., 1961-1962 1965 1967 1971 1975 1977
- 8.18 Nelson-Hall Company, 1972
- 8.19 *New Scientist* , 1961 1969-1970 1972-1973
- 8.20 Newton, Charles, 1962 1965-1966
- 8.21 *New Yorker* , 1964 1966 1968 1972
- 8.22 Niedenfuhr, Francis, 1960
- 8.23 Assorted Correspondence: N, 1951 1957 1959-1961 1964 1966 1969 1973 1975
- 1.009 Correspondence: O - P, 1927 1940 1946-1978 (18 folders)
- 9.1 Ogilvy, C. Stanley, 1963
- 9.2 One-Hundred to One Shot Club [also referred to as the 10-2 Club], 1940 1970 [File includes correspondence with Bertron C. Willard regarding Willard's work on a biography of Russell W. Porter.]
- 9.3 Operations Research Society of America, 1947 1951-1953 1960
- 9.4 Optical Society of America, 1953-1954 1959 1961 1967 1969 1971-1973 1975
- 9.5 Osorio, Augusto E., 1965
- 9.6 Paige, Esther and Griff, 1973-1976
- 9.7 Paramount Pictures, Inc., 1946
- 9.8 Parker, Ashley and Emma, 1957 1962 1971-1976 1978
- 9.9 *Pasadena Area History* , 1971-1972
- 9.10 Pasadena Artist Associates, 1949 1951 1954 1960 1964-1967 1969 1971-1975 [File includes a large number of Pasadena Artist Associates newsletters.]
- 9.11 Pasadena Art Museum, 1954 1956 1959
- 9.12 Pasadena Society of Artists, 1951-1953 1957 1960-1961 1964-1968 1971-1973 1975-1976
- 9.13 Pauling, Linus, 1948-1959 1965 1967-1968 1972 1976
- 9.14 Piel, Gerard [*Scientific American*], 1953-1959 1961-1962 1964 1970-1971
- 9.15 Plowman, George Taylor, 1927
- 9.16 Prentice-Hall, Inc., 1937 1946 1951 1956 1959 1962 1965 1968-1970 1972 1974 1977 [File includes materials related to Hayward's work on *Procedures in Experimental Physics*, authored by John D. Strong, and *Oceanography: A View of the Earth*, by Meredith Grant Gross.]
- 9.17 Publisher's Central Bureau, 1972-1973
- 9.18 Assorted Correspondence: P, 1950 1954-1955 1959-1964 1966-1967 1969-1972
- 1.010 Correspondence: R - S, 1932 1952-1978 (25 folders)
- 10.1 *Recreational Mathematics* magazine, 1962-1964 1968
- 10.2 Ridley, George B., 1961-1964
- 10.3 Ridley, George B., 1965-1967 1969-1971
- 10.4 Robertson, Howard Percy, 1956 1962
- 10.5 Robinson, James O., 1972-1973
- 10.6 Rock, Irvin, 1974
- 10.7 Rosequist, Ivan, 1955-1958 1960
- 10.8 *Saturday Review* , 1962 1968-1969 [File includes several "wit twisters" submitted for publication by Hayward.]
- 10.9 *Science* , 1964-1965 1972
- 10.10 *Scientific American* , 1957-1958 1961 1966-1972 1974
- 10.11 Scofield, Alan M., 1966 [File includes a painting by Scofield of the M13 star cluster in the Hercules constellation.]
- 10.12 Sheppard, Pat, 1960-1961
- 10.13 Shneiderov, Anatol J., 1962
- 10.14 Silvertooth, Wilber, 1959
- 10.15 *Sky and Telescope* , 1962-1963
- 10.16 Smith, Ray Winfield, 1975

- 10.17 Smith, William Howard and Astrid, 1958-1960 1970-1971
- 10.18 Society of Libyan Studies, 1978
- 10.19 Southwest Museum [Los Angeles], 1952
- 10.20 Stanson, Philip E., 1974-1975
- 10.21 Steuber, Lillian, 1972
- 10.22 Stevens, Mildred Lapson, 1960 1966
- 10.23 Stimson, Cyrus F., Jr., 1962 1966 [File includes original artwork by Stimson.]
- 10.24 Sulton, Jennifer and Hank, 1974-1975
- 10.25 Assorted Correspondence: S, 1932 1952 1958-1962 1966-1967 1969
- 1.011 Correspondence: Clair L. "Red" Stong, 1952-1954 1956-1962 (7 folders) [C. L. Stong was the second editor (after Albert G. Ingalls) of the *Scientific American* "Amateur Scientist" column, to which Hayward frequently contributed both illustrations and texts. The Stong correspondence files consist of letters between Stong and Hayward, numerous sketches and reproductions of etchings by Hayward, and items forwarded to Hayward by Stong in regards to specific "Amateur Scientist" columns.]
- 11.1 Stong, C. L., 1952-1954
- 11.2 Stong, C. L., 1956-1957
- 11.3 Stong, C. L., 1958
- 11.4 Stong, C. L., 1959
- 11.5 Stong, C. L., 1960
- 11.6 Stong, C. L., 1961
- 11.7 Stong, C. L., 1962
- 1.012 Correspondence: Clair L. "Red" Stong, 1963-1966 1968-1971 (8 folders)
- 12.1 Stong, C. L., 1963
- 12.2 Stong, C. L., 1964
- 12.3 Stong, C. L., 1965
- 12.4 Stong, C. L., 1966
- 12.5 Stong, C. L., 1968
- 12.6 Stong, C. L., 1969
- 12.7 Stong, C. L., 1970
- 12.8 Stong, C. L., 1971
- 1.013 Correspondence: Clair L. "Red" Stong, 1972-1976 (4 folders)
- 13.1 Stong, C. L., 1972
- 13.2 Stong, C. L., 1973
- 13.3 Stong, C. L., 1974
- 13.4 Stong, C. L., 1975-1976
- 1.014 Correspondence: John D. Strong, 1947-1977 (9 folders) [John D. Strong was a physicist whose interests included thermal evaporation, infrared spectroscopy and optics. Roger Hayward illustrated two books authored by Strong, *Modern Physical Laboratory Practice* (1951) and *Concepts of Classical Optics* (1958). The voluminous Strong correspondence documents both work on these projects as well as the friendly relationship shared by John and Bethany June Strong with Roger and Betty Hayward. The files also include correspondence with Bethany June Strong regarding her efforts to publish *Face Furniture*, a collection of drawings and poems created by the Haywards.]
- 14.1 Strong, John D., 1947-1955
- 14.2 Strong, John D., 1962-1963 [File includes illustrations by Hayward of an image-slicer devised by Strong and colleagues at Johns Hopkins University.]
- 14.3 Strong, John D., 1964-1966
- 14.4 Strong, John D., 1967-1969
- 14.5 Strong, John D., 1971-1973
- 14.6 Strong, John D., 1974
- 14.7 Strong, John D., 1975
- 14.8 Strong, John D., 1976
- 14.9 Strong, John D., 1977
- 1.015 Correspondence: T - U, 1948-1976 (5 folders)
- 15.1 Taylor, J. H., 1975-1976
- 15.2 Tranquillitsky, George V., 1972

- 15.3 The Twenty Club, 1948-1949 1951-1952 1958
- 15.4 Assorted Correspondence: T, 1954-1955 1964-1966 1971
- 15.5 University Club of Los Angeles, 1953-1957 1961
- 1.016 Correspondence: W. H. Freeman and Company, 1949-1959 (11 folders) [Hayward maintained a lengthy relationship with the publishing firm W. H. Freeman and Co. The Freeman correspondence files document his work as illustrator for a number of books, including Linus Pauling's *General Chemistry* and *College Chemistry*, *The Architecture of Molecules*, which Hayward co-authored with Pauling, and later books written by Harper Frantz, John D. Strong and George Pimentel, among others.]
- 16.1 W. H. Freeman and Co., 1949
- 16.2 W. H. Freeman and Co., 1950
- 16.3 W. H. Freeman and Co., 1951
- 16.4 W. H. Freeman and Co., 1952
- 16.5 W. H. Freeman and Co., 1953
- 16.6 W. H. Freeman and Co., 1954
- 16.7 W. H. Freeman and Co., 1955
- 16.8 W. H. Freeman and Co., 1956
- 16.9 W. H. Freeman and Co., 1957
- 16.10 W. H. Freeman and Co., 1958
- 16.11 W. H. Freeman and Co., 1959
- 1.017 Correspondence: W. H. Freeman and Company, 1960-1977 (11 folders)
- 17.1 W. H. Freeman and Co., 1960
- 17.2 W. H. Freeman and Co., 1961-1963
- 17.3 W. H. Freeman and Co., 1964
- 17.4 W. H. Freeman and Co., 1965
- 17.5 W. H. Freeman and Co., 1966
- 17.6 W. H. Freeman and Co., 1967
- 17.7 W. H. Freeman and Co., 1968
- 17.8 W. H. Freeman and Co., 1969
- 17.9 W. H. Freeman and Co., 1970
- 17.10 W. H. Freeman and Co., 1971
- 17.11 W. H. Freeman and Co., 1972-1977
- 1.018 Correspondence: W - Z, 1952-1978 (5 folders)
- 18.1 Wallbank, Wilf, 1962-1966 [File includes photos taken during Wallbank's 1962 trip to Pasadena, including images of Wallbank, Hayward and Mount Wilson Observatory. File also includes photos of Wallbank's wife Alice and daughter Marjorie.]
- 18.2 Walls, Gordon L., 1961
- 18.3 Ward, Sigrid and Harry C. Hart, 1961-1962 1964-1970
- 18.4 Ward, Sigrid and Harry C. Hart, 1971-1978
- 18.5 Wikswo, John P., 1970
- 18.6 Wilder, Bob, 1952 1974-1977
- 18.7 Williams, Beau, 1954-1957
- 18.8 Workman, E. J., 1971
- 18.9 Assorted Correspondence: W, 1965-1966 1969
- 18.10 Zaino, Yola, 1960 1962 1965 1967-1968 1970-1971 1974

**Box****2. Manuscripts and Publications, 1937-1977 (3 boxes)**

Unpublished manuscripts and published reprints of articles written by Roger and Betty Hayward are arranged within this series. While the earlier writings tend to be more scientific in nature, Hayward's later work often assumes humorous tones, many of the later pieces having been developed for publication in the often-satirical journal *The Worm Runner's Digest*.

- 2.001 Manuscripts of Articles by Roger and Betty Hayward, 1926 1937-1961 (23 folders)
- 1.1 Transcript: "Betty Hayward's notes on European Art trip", 1926 [Compiled by James R. Kramer.]
- 1.2 Transcript: "Introduction to *On the Preservation of Books*," by Betty Hayward, 1932 [Text extracted from an unpublished typescript edited by Betty Hayward, created to mark the opening of the Edward L. Doheny Library, University of Southern California.]
- 1.3 Typescript: "The Round World." Submitted as part of a proposed history of astronomy to be written in collaboration with E. T. Bell, July 6, 1937
- 1.4 Typescripts, Manuscript, Calculations: "A Device for Measuring the Sound Absorption of a Sound Absorbing Material, by Comparing it with Samples of Known Sound Absorbing Value", February 7, 1938
- 1.5 Typescript: "Improvements to Listening Devices", January 5, 1941
- 1.6 Manuscript: "A Device for Photographing Television Pictures or Televising Motion Picture Films", May 29, 1946
- 1.7 Manuscript, Typescripts: "Report on Television Air-Check Photography", 1946
- 1.8 Typescript, Correspondence: No Title, [re: "pinhole testing"], July 1, 1951
- 1.9 Typescript: "Notes on Church Architecture", September 30, 1953
- 1.10 Typescript, Correspondence: "Styles in Art", 1953
- 1.11 Typescript, Correspondence: No Title, [re: an idea for a "traveling microscope"], February 2, 1954
- 1.12 Typescript, Correspondence: No Title, Letter to the Editor of the *Pasadena Star-News* [re: policies guiding the selection of art for inclusion in the Pasadena Art Fair], March 31, 1954
- 1.13 Typescript: "The Molecular Structure of Hair and Similar Fibrous Proteins," by Linus Pauling, Robert Corey and Roger Hayward, July 1954
- 1.14 Typescripts: "The Ptolemaic Planetarium," "The Earliest Known Concept of the Universe," and "Celestial Sphere." Ideas for Union Oil Center lobby displays solicited by the Union Oil Company of California, December 1957
- 1.15 Typescript: "Some Notes on Design and Color." Lecture notes, Ca. 1950s
- 1.16 Typescript: "Effects of Pressure on the Eyeball", January 26, 1960
- 1.17 Typescript, Correspondence, Illustrations, Background Materials: "Maps of the Earth in Magnetic Coordinates as an Aid to Finding Conjugate Points in the Earth's Magnetic Field," submitted for publication in the *Journal of Geophysical Research*, March 7, 1961
- 1.18 Typescripts: No Title, Letter to the Editor of the *Journal of the British Astronomical Association* [re: "The Lunar Crater Linne" by "B. W."], March 30, 1961
- 1.19 Typescript, Correspondence, Illustrations, Referees' Reports: "Configuration of Convection Cells in the Earth's Mantle," submitted for publication in the *Journal of Geophysical Research*, May 30, 1961
- 1.20 Typescript, Correspondence: "Binocular Vision with Different Color Filters Before the Two Eyes," submitted for publication in the *Journal of the Optical Society*, August 15, 1961
- 1.21 Typescript: Review of *Modern Physics Buildings: Design and Function*, by R. Ronald Palmer and William Maxwell Rice, 1961
- 1.22 Typescript, Illustrations: "Whistlers", 1961
- 1.23 Typescript: "Gamble Thermal Centrifuge", 1961
- 2.002 Manuscripts of Articles by Roger Hayward, 1962-1974 (29 folders)
- 2.1 Typescript, Illustration: "Concerning the Non-Representational Paintings in This Exhibition", February 1962
- 2.2 Typescript: "Some Studies of the Moebius Tape and the Moebius Rings", April 4, 1962
- 2.3 Typescript: No Title [re: contrast enhancement in photography], May 1, 1963
- 2.4 Typescript, Drawings: "Past Explosions in the Nearer Galaxies", October 26, 1963
- 2.5 Typescript: "*Art and Illusion and Meditations on a Hobby Horse* by E. H. Gombrich," review of books by Roger Hayward, March 1964



- 2.6 Typescripts: No Title, Letter to the Editor of *The Atlantic Monthly* [re: the life routines of artists, with specific mention of Andrew Wyeth.], July 25, 1964
- 2.7 Typescript: "Twentieth Pasadena Art Fair", August 23, 1964
- 2.8 Typescripts, Illustrations: "Three Dimensional Visual Understanding", October 1964
- 2.9 Typescript: "A Review of the Work of the Pasadena Artist Association, Inc., 1945-1963", 1964
- 2.10 Typescript, Correspondence, Illustrations: "Stereo Effects from Centrally Symmetrical Patterns," submitted for publication in the *Journal of the Optical Society of America* , April 27, 1965
- 2.11 Typescript, Correspondence, Illustrations: "Binocular Vision: The Effects of Vertical Accommodation and the Moiré Effect," submitted for publication in the *Journal of the Optical Society of America* , April 28, 1965
- 2.12 Typescript, Correspondence, Illustrations: "Stereo Effects from Centrally Symmetrical Patterns," submitted for publication in the *Journal of the Optical Society of America* , September 1965
- 2.13 Typescripts, Correspondence, Illustrations: "Magnetic Loops in M 31," submitted for publication in the *Journal of the British Astronomical Association* , October 4, 1966
- 2.14 Typescripts, Correspondence, Illustrations: "A Technique for Measuring the Spiral Structure of Galaxies", February 1967
- 2.15 Typescripts, Correspondence, Illustrations, Referee's Report: "Binocular Vision: Stereoscopic Properties of Ellipses," submitted from publication in the *Journal of the Optical Society of America* , February 1967
- 2.16 Typescript: "The Globular Clusters," by C. E. R. Bruce and Roger Hayward, August 22, 1967
- 2.17 Typescript: "Blivets - Research and Development," submitted for publication in *The Worm Runner's Digest* , June 1968
- 2.18 Typescript, Background Material: "The Jigsaw Puzzle and the Inventive Mind," submitted for publication in *The Worm Runner's Digest* , 1968
- 2.19 Typescripts, Correspondence: "Blivets - The Makin's" and "Cupidons - The Survival of the Flittest," submitted for publication in *The Worm Runner's Digest* , November 16, 1969
- 2.20 Typescript: "Blivet or Not," Letter to the Editor of *The Worm Runner's Digest* , November 25, 1969
- 2.21 Typescript: No Title, Letter to the Editor of the *Pasadena Star-News* [re: the history of Pasadena Artist Associates], September 11, 1970
- 2.22 Typescript, Correspondence: "Flower Bed Bugs," submitted for publication in *The Worm Runner's Digest* , March 14, 1971
- 2.23 Typescript, Correspondence, Illustrations: "Livits," submitted for publication in *The Worm Runner's Digest* , January 6, 1972
- 2.24 Typescript, Correspondence: "Notes about Mr. Grahame B. Ridley", April 2, 1972
- 2.25 Typescript: No Title, Letter to the Editor of *Applied Optics* [re: the invention and development of the two-mirror Schmidt optical system], July 8, 1973
- 2.26 Typescript: No Title, Letter to the Editor of the *Pasadena Star-News* [re: the architectural significance of the Security Pacific National Bank building. Published as "Bank Frieze"], July 30, 1973
- 2.27 Typescript: "Comments on the paper 'Status and the left cheek'", September 2, 1973
- 2.28 Typescript: "An Appreciation of Henry A. Babcock", July 13, 1974
- 2.29 Typescript, Illustrations: "Flyleaves from a Snatchuralist's Gnote-book," submitted for publication in *The Worm Runner's Digest* , 1974
- 2.003 Publications by Roger Hayward, 1917 1962-1977 (16 folders)
- 3.1 How the Lion Got His Mane. *K. H. S. Enterprise*, Keene High School, New Hampshire, 1917
- 3.2 The Bouncing Billiard Ball. *Recreational Mathematics Magazine*, 9 (16-18), June 1962
- 3.3 Some Studies of the Moebius Tape and the Moebius Rings. *Recreational Mathematics Magazine*, 10 (12-16), August 1962
- 3.4 Whistlers. *Journal of the Astronomical Society of Victoria*, 15, 5 (74-79), October 1962
- 3.5 Binocular Vision: The Effects of Vertical Accommodation and the Moiré Effect. *Journal of the Optical Society of America*, 55, 9 (1185), September 1965
- 3.6 Stereo Effects from Centrally Symmetrical Patterns. *Journal of the Optical Society of America*, 56, 2 (255-256), February 1966
- 3.7 Blivets - Research and Development. *The Worm Runner's Digest*, 10, 2 (89-92), 1968
- 3.8 The Jigsaw Puzzle and the Inventive Mind. *The Worm Runner's Digest*, 11, 1 (83-84), 1969
- 3.9 Cupidons - The Survival of the Flittest. *The Worm Runner's Digest*, 11, 2 (111-112), 1969
- 3.10 Blivets - The Makin's. *The Worm Runner's Digest*, 12, 2 (86-88), 1970

- 3.11 Flower Bed Bugs. *The Worm Runner's Digest*, 13, 1 (127), 1971
- 3.12 Livits. *The Worm Runner's Digest*, 13, 2 (68-72), 1971
- 3.13 Bank Frieze. *Pasadena Star-News*, August 3, 1973
- 3.14 Flyleaves from a Snatchuralist's Gnote-book. *The Worm Runner's Digest*, 16, 1 (71-75), 1974
- 3.15 No Title. Letter to the Editor of *The Worm Runner's Digest*, [re: Hayward's representations of "humanoid interactions using your symbolic representations of the flatworm as a starting point."] 17, 1 (128-129), 1975
- 3.16 Digititiums. *The Worm Runner's Digest*, 19, 2 (88-90), 1977

**Box****3. Project Files, 1929-1971 undated (4 boxes)**

The bundles of notes, calculations, letters and publications generated by Hayward in developing his many projects have been arranged within this series. Included as well are materials related to Hayward's ten patents as well as content documenting his contributions to numerous scientific war and defense projects, circa World War II.

## 3.001 Projects: C - O, 1929-1971 1983 (12 folders)

- 1.1 Correspondence, Typescript, Legal Documents, Illustration: "Coated Materials and Method and Apparatus for Producing Same" [Unbreakable Lens Company], 1938-1939 1942
- 1.2 Correspondence, Illustrations: Drinking Glass, 1973
- 1.3 Non-Hayward Publications: Edward L. Doheny Jr. Memorial Library, University of Southern California, 1983
- 1.4 Correspondence: Electric Motor, 1940
- 1.5 Correspondence, Blueprints, Calculations: Foucault Pendulum, 1938 1961 1965
- 1.6 Correspondence, Calculations, Non-Hayward Publications: Geologic topics including Gravity Currents, Subcrustal Flow and Earthquakes, 1942 1961
- 1.7 Correspondence, Non-Hayward Publication: Allan Hancock Research Foundation Building, University of Southern California, 1938 1941 1971
- 1.8 Non-Hayward Publications: Los Angeles Stock Exchange building, 1929 1931
- 1.9 Photographs: Mariner IV Mars Flyby, 1965 (22 photographs)
- 1.10 Correspondence, Background Materials: Moon Models [Griffith Observatory and Walt Disney Productions], 1934-1936 1939 1955
- 1.11 Correspondence, Illustrations, Non-Hayward Publication: Optics, 1964 1977
- 1.12 Notes, Illustrations: *Organic Chemistry; How to Solve It: The Geometry of Molecules*, by Ruth A. Walker, 1971

## 3.002 Patents Awarded to Roger Hayward, 1937-1964 (10 folders)

- 2.1 "Transparent Projection Screen," awarded to John D. Strong and Roger Hayward. Patent No. 2,200,646, 1940 1950
- 2.2 "Devices for Grinding and Polishing Surfaces." Patent No. 2,399,924, 1937 1946 1951-1952 1954 1956
- 2.3 "Apparatus for Surface Generation." Patent No. 2,403,659, 1946 1962
- 2.4 "Optical System for Cameras." Patent No. 2,403,660, 1946
- 2.5 "Means and a Method for Testing Optical Surfaces." Patent No. 2,430,637, 1947-1948
- 2.6 "Bubble Level with Conical Lens." Patent No. 2,514,492, 1949-1950 1957 1962
- 2.7 "Panoramic Telescope Device." Patent No. 2,625,853, 1953
- 2.8 "Panoramic Binocular Telescope." Patent No. 2,625,854, 1953
- 2.9 "Bassinet Mounting." Patent No. 2,752,614, 1956
- 2.10 "Pens," awarded to Roger Hayward and William Bradley Lewis. Patent No. 3,116,720, 1964

## 3.003 Projects: P - W, 1933-1967 (8 folders)

- 3.1 Manuscript, Illustration: Pipe [improved tobacco pipe], 1952
- 3.2 Typescript, Illustrations: *Procedures in Experimental Physics*, by John D. Strong, 1938 [File includes Typescript: "Notes on the Construction and Design of Instruments and Apparatus," by John D. Strong. [?]]
- 3.3 Typescript, Photographs, Correspondence, Calculations, Non-Hayward Publications: Schmidt Telescopes, 1938-1939 1946 1949 1966
- 3.4 Typescript, Correspondence: *A Search for Understanding*, film script developed by Wexler Film Productions, 1967-1968

- 3.5 Photographs, Blueprints, Correspondence, Non-Hayward Publications: Surveyor Program Lunar Modules and Moon Missions, 1965-1967
- 3.6 Typescripts, Correspondence, Illustrations, Calculations: Underwater Periscope, 1959 [File includes Typescript: "An Underwater Periscope," by Paul B. Archibald, final version dated December 15, 1959.]
- 3.7 Correspondence, Illustrations, Non-Hayward Publications: Vision and Color Theory, 1933-1934 1939 1960-1962 1964-1969
- 3.8 Photograph, Manuscript, Typescript, Correspondence, Calculations: Walnut Cracking Device, 1936-1937
- 3.004 War and Defense Projects, 1942-1952 undated (13 folders)
  - 4.1 Correspondence: War and Defense Projects, 1943-1944
  - 4.2 Correspondence: War and Defense Projects, 1945-1946
  - 4.3 Correspondence: War and Defense Projects, 1947-1948
  - 4.4 Correspondence: War and Defense Projects, 1949-1952
  - 4.5 Typescripts, Illustrations: "Scanning Device," "Binocular Scanning Device" and "With Binocular Scanning Device Rolling Cylinder," invention disclosures by Roger Hayward., 1942
  - 4.6 Typescripts, Publication: "Position Firing" and "Program on Development of Equipment for Flexible Gunnery", 1942
  - 4.7 Internal Report: "The Development of Methods for the Production of Roof Prisms," Third Progress Report, National Defense Research Committee, Contract No. OEMsr 101, 1942
  - 4.8 Typescript: "Bowen-McMath Program for Aerial Photography", 1944
  - 4.9 Photographs, Typescripts, Illustrations, Field Data: gun turrets, 1947
  - 4.10 Illustrated Manuscript: "The Attack Shot Made Easy," by Roger Hayward, ca. 1940s ["The Attack Shot Made Easy" is a comic book-style educational manual developed by Hayward for use by U.S. aerial gunners during World War II.]
  - 4.11 Manuscript, Typescript: "Report on Neon Tube Camera", 1951
  - 4.12 Illustration: "Device for Demonstrating Effect of Gravity on Trajection," [bullet drop device], undated
  - 4.13 Assorted Calculations: War and Defense Projects, undated

## Box

### 4. Sketchbooks and Artworks, 1909-1976 undated (4 boxes)

Multiple sketchbooks and loose art works are organized within this series. While over the course of his life, Hayward worked in multiple media, most of the art works held in the Hayward Papers are pencil drawings, pen and ink works or prints of etchings.

- 4.001 Sketchbooks by Roger Hayward, 1909-1926 (8 sketchbooks)
  - 1.1 Sketchbook, 1909 [Consists of still life pencil drawings created by Hayward at age 10. Includes Hayward's table of contents.]
  - 1.2 Sketchbook, 1910-1911 [Consists of still life, nature and portrait pencil drawings (among them portraits of Hayward's brother and of Abraham Lincoln) created by Hayward as a boy. Includes Hayward's table of contents. Also includes a portrait drawn by Hayward's mother, Ina.]
  - 1.3 Sketchbook, 1916-1917 [Consists of pencil drawings and watercolors of New England scenes - still life and landscape scenes, cartoon figures, profiles and figure studies. Annotated works include "Keene [New Hampshire] from Grays Hill" and "Gen. Jim Wilson House." Autographed "Glück Auf, W. P. Phelps." [Hayward's grandfather William P. Phelps]]
  - 1.4 Sketchbook, 1917 [Consists of pencil and charcoal drawings of Boston-area scenes, including landscapes, buildings, sailboats, still lifes and figure studies. Annotated works include "Fenway" [multiple], "Bumpkin Island 'Barracks'/Camp Burrage," "Esplanad," "Jap. lantern" and "Jap. seabird." First page annotated "Roger Hayward, U. S. S. Topeka, Navy Yard, Portsmouth, N. H."]
  - 1.5 Sketchbook, 1917-1918 [Consists of pencil and charcoal drawings of Boston-area and Massachusetts Institute of Technology scenes. Includes architectural depictions, museum pieces, portraits and nude studies. Annotated works include "Cambridge Bridge," "Philadelphia Academy of Fine Arts," "APOXYOMENOS," "16th & 17th century Persian glass, Venetian influence," "Arabian Lattice" and "Italian Mask, XVIth Century."]

- 1.6 Sketchbook, 1920 [Consists of Boston-area Gothic architectural and artistic renderings done in pencil, as well as a cartoon drawing of fish. Annotated works include "Pew, Park Hill Church," "Cornice over front door, Park Hill Church," "frieze for cornice," "Seat at base of Boston Public Library," "Lamp base vestibule - Boston Public Library."]
- 1.7 Sketchbook, 1926 [Dating to Roger and Betty Hayward's art trip to Europe, this sketchbook contains pencil drawings and schematics of Gothic buildings and architectural features. Annotated works include "Gargoyle - The Tor, Glastonbury," "Cirencester," [multiple] "Fairford - England," [multiple] "Clare College Bridge, Cambridge," "Fan Vaulting, King's College Chapel, Cambridge," "S. Benedict, Cambridge, Pre-Norman Tower," "Dorset Sq[ua]re, London," "Vaulting, South Aisle, Henry VII Chapel, Westminster Abby," "British Museum, Nimroud Rm.," "Chancel arch, S. Mary-Le-Strand, Gibbs 1717," "Holy Water Basin, S. Etheldreda's - London" and "S. Kensington Museum." [multiple]Included with the sketchbook is a Typescript: "Betty Hayward's notes on European Art trip, 1926," provided by Dr. James R. Kramer.]
- 1.8 Sketchbook, 1926 [A second sketchbook dating to Roger and Betty Hayward's art trip to Europe. Consists of pencil and watercolor drawings of Gothic buildings and architectural features as well as nude studies. Annotated works include "Hajia Sophia - Constantinople," "Byzantine Vaults," "Église de Kapnicarea, Athens 9th cent.," "St. Ambrogio, Milan," "St. Mark's - Venice," "Apostles Church, Cologne," "Toro Cathedral," "Salamanca," "S. Sernin - Toulouse," "Clemont-Ferrand, Notre Dame du Port," "Issoire: S. Paul," "S. Martin de Broscherville," "Bay of Abbey Church - Jumieges, Early Norman," "Peterborough Cathedral," "Bay of Ste. Trinité," "St. Leu d'Esserent," "Noyon: Langhaus," "Notre Dame - Paris," "Plate Tracery - Chartres" and "Bar Tracery - Reims."]
- 4.002 Sketchbooks by Roger Hayward, 1928-1976 (8 sketchbooks)
- 2.1 Sketchbook, 1928 1965 [Consists of pencil sketches of boats, houses, landscapes, studies for color works, abstract and impossible geometric shapes, typographic studies for Christmas cards and rough portraits of Robert F. Kennedy.]
- 2.2 Sketchbook, 1935-1936 1968 [Consists of pencil and pen sketches of geometric shapes, typography for a "Blivets" logo and rough sketches of people and faces. Also includes a series of anagrams and astronomical observations.]
- 2.3 Sketchbook, 1942-1943 [Consists of pencil drawings of landscapes and the ruins of Apollonia, Cyrenaica, Libya.]
- 2.4 Sketchbook, 1947 [Consists of pencil and charcoal portraits and drawings of landscapes.]
- 2.5 Sketchbook, 1967-1968 1970 1976 [Consists of whimsical caricatures of humans and animals done in pen, pencil and charcoal. A special emphasis of this set is a series of drawings of humans with multiple heads. Set also includes depictions of human faces created out of typewritten characters.]
- 2.6 Sketchbook, 1970-1971 [Consists of whimsical caricatures of humans and animals done in pen.]
- 2.7 Sketchbook, 1975-1976 [Consists of whimsical charcoal caricatures of humans and animals.]
- 2.8 Sketchbook, 1973-1974 [Consists of whimsical pen, pencil and charcoal caricatures of humans and animals. Certain of the drawings are sexual in nature. Others depict humans as conceptualized as coffee mugs.]
- 4.003 Artworks by Roger Hayward, 1913-1976 (19 folders) [Box includes an inventory of paintings by Roger Hayward, compiled by Dr. James R. Kramer.]
- 3.1 Untitled self-portrait [profile sketch], annotated "R. Hayward studying awfully hard", 1913
- 3.2 "Dardanella?" Pen and ink drawing of a cut-away house revealing family members, pets and a domestic servant dancing to jazz music. Captioned: "Brother Jack (home of vacation) tries a little jazz after breakfast." Submitted for publication in *Judge* magazine, 1920
- 3.3 Untitled drawing of an Egyptian column and pharaoh statue, October 7, 1921
- 3.4 Black and white photograph of an illustration by Roger Hayward titled "Tech Show 1922, The Wrong Steer." Illustration depicts a caveman, cavewoman and child riding a bull, 1922
- 3.5 Assorted prints of etchings, Ca. 1924 - 1926 [Etchings primarily depict outdoor scenes, often seaside landscapes, as well as images of European cities. Scenes also include a nude study and an elderly basketweaver.]
- 3.6 Prints of an etching titled "Mont San Michel", 1926
- 3.7 Pencil study and prints of an etching titled "Siena", 1926
- 3.8 European art trip sketches - drawings of buildings and architectural studies, 1926 [Drawings titled as follows: "Half plan of Strozzi, Early Florentine Palace," "Section thro' upper storeys of Strozzi Palace," "Perspective, Elevation of Strozzi Palace," "Detail of Cornice, Palazzo Strozzi," "Detail of Second Storey Window, Palazzo Riccardi," "Corner of Courtyard, Palazzo Strozzi, Florence," "Bronze Banner Holder," "Bronze

- Lantern from corner of Strozzi Palace," "Elevation of Children's Hospital," "Court, Palazzo Bevilacqua, Bologna," "A Brick Cornice," "Detail, Pal[azzo] Bevilacqua, Bologna," "Prigioni, Brescia," "Window in the Cortile of the Doges' Palace, Venice," "S. M. dei Miracoli, Venice," "Palais Corner - Spinelli, Venice," "Palais de la Cancellaria" and "Porta de Borsari, Verona."]
- 3.9 Prints of four etchings featuring images of boats floating on clouds. Etchings created for use in the Hayward family Christmas card., 1928 [Final etching in the series includes the following text: "I saw three ships come sailing in, on Christmas Day / On Christmas Day I saw three ships come sailing in / And who was in those ships all three? / Over Savior Christ and his ladye / Pray whither sailed those ships all three? / They sailed into Bethlehem, On Christmas Day / Wishes for your health and happiness from Mr. and Mrs. Roger Hayward."]
- 3.10 Published drawing of a proposed Presbyterian cathedral, Washington, D. C. From "Decadence of French Church Architecture," by Ralph Adams Cram, *The Architectural Forum*, 50, 3 (305-320), March 1929
- 3.11 Untitled drawings of a makeshift campsite and cabin. One drawing annotated "Roger & Betty's 'camp,' The Abbott Brook [?], 1929?," 1929
- 3.12 Photocopies of photographed watercolors exhibited at Grace Horne's Galleries, Boston, and the Los Angeles Museum, 1929
- 3.13 Untitled drawings of canyon scenery, possibly the Grand Canyon, June 1950
- 3.14 Pen and ink drawings of maps titled "Santa Fé Trip, October 1951" and "Santa Fé Trip, October 1951; East Coast trip, May-June 1952", 1952
- 3.15 Untitled drawings of desert scenery, October 1958
- 3.16 Untitled drawing of abstract geometric shapes, July 1963
- 3.17 Untitled still life drawing of a craftsman's workspace, July 1963
- 3.18 "Phantom Phuck." Pastel drawing of men's and women's shoes, May 1969
- 3.19 Untitled series of whimsical pen caricatures of humans and animals. Certain of the drawings are sexual in nature, 1969-1973
- 3.20 Untitled series of abstract human and animal caricatures, published as "Digititiums" in *The Worm Runner's Digest*, May 1976
- 4.004 Artworks by Roger Hayward, undated (9 folders)
- 4.1 Untitled architectural sketches of a building entryway, undated
- 4.2 Series of illustrations submitted for publication as "Blivets" in *The Worm Runner's Digest*, undated [Titles as follows: "BLIVETS! Another way to see reality?," "What is Beauty?" "What we did during the Great Depression" and "KRAP."]
- 4.3 Untitled cartoon sketches, undated
- 4.4 Untitled drawings of faces, undated
- 4.5 Untitled sketches depicting harbor scenes, undated
- 4.6 Assorted landscape and outdoor scenes, undated
- 4.7 Drawings of assorted plants, undated [Titled works as follows: "Star Flower," "Wild oats," "Lady Slipper" and "Fringed Polygala."]
- 4.8 Untitled street scene, undated [Image depicts three people walking into a very large building.]
- 4.9 Reproductions of assorted technical drawings and textbook illustrations, undated

**Box****5. Photographs and Biographical Materials, 1899-1980 2007 undated (4 boxes)**

The final series of the Hayward Papers consists of materials which document the major details of his biography. Included are a content-rich biographical scrapbook, several photographs and a lengthy newspaper clipping file.

- 5.001 Biographical Scrapbook, 1899-1938 1951-1953 (9 in. x 12.5 in., light brown cover with dark brown binding, annotated "Roger." 74 pages.) [Roger Hayward's biographical scrapbook is a major resource for those interested in his life and work. The scrapbook consists primarily of photographs and newspaper clippings documenting Hayward's affairs and art works. The scrapbook also includes a few original pieces, among them a watercolor and several prints of etchings.]

**Page**

- 1.1 Replication of a diary entry by Hayward's mother recounting the details of Roger's birth. undated Black and white photograph of a house, possibly Hayward's boyhood home. undated Black and white photographs of Roger Hayward, age 8 months. 1899. Two photographs, undated undated 1899
- 1.2 Sepia-tone studio portrait of Roger Hayward as a high school senior. 1917 Black and white photographs of Roger Hayward wearing a Naval uniform. 1917. Two photographs, 1917 1917 [Page annotated: "Graduation year = 1917. Keene High School. A volunteer in the World War, Naval Reserve."]
- 1.3 Black and white group portrait of several men, including Roger Hayward. Annotated: "Volunteers for service in the World War, April 6, 1917" 5 in. x 4 in. watercolor painting of military barracks. Annotated: "Painted these Barracks on Bumpkin Is[land], Boston Harbor, September 1917" Black and white photographs of Roger Hayward wearing a Naval uniform. 1917. Two photographs, April 6, 1917 September 1917 1917
- 1.4 Black wood block print of a jester holding the numbers 1920 and 1921, standing on a stage labeled "Christmas 1920." Annotated: "For E. E. Clive, English Actor." 1920 Newspaper Clipping: "Sardonic Strands - Mask of Tragedy, As Interpreted by the Modern Stage," illustration by Roger Hayward. Boston *Evening Transcript*, May 28, 1921 , 1920 May 28, 1921
- 1.5 Black and white photograph of an illustration by Roger Hayward advertising "First Architectural Society Smoker, Prof. C. Howard Walker will Speak." Illustration depicts a well-dressed man slouching in a chair, holding a glass and cigarette. 1921 Black and white photograph of an illustration by Roger Hayward advertising "Valentine Dance, Architectural Society." Illustration depicts a well-dressed man and woman dancing in front of a heart. 1922 Black and white photograph of an illustration by Roger Hayward advertising "Arts & Crafts Exhibit, Minstrel Show, Dancing." Illustration depicts two stereotypical caricatures of African-American men gesturing toward a painting of a female. 1922 , 1921 1922 1922
- 1.6 Watercolor study of a humorous three-panel stained glass window. Illustration depicts an animated version of Hayward sleeping in the left frame, smoking, holding a book and a bottle of beer in the center frame, and again sleeping in the right frame. The image of Hayward in the center frame is seated above a box labeled "S. S. P. Co." which refers to S. S. Pierce Company, a Boston purveyor of fine foods. 1921 Black and white photograph of a revised version of the three-panel stained glass window piece. In this version "S. S. P. Co." is replaced with "Technique," the title of the Massachusetts Institute of Technology yearbook. The revised version also includes an inscribed annotation: "Memorial in Appreciation of the Box Sent by the Editors of Technique, 1921 to Roger Hayward." 1921 , 1921 1921
- 1.7 Black and white photograph of a sculpture titled "The Primitive Kiss." Sculpture depicts a man and woman, ostensibly African, kissing with a snake mutually wrapped around their necks. Image annotated: "For the Arts & Crafts Exhibition, May 12, 1922. This sculpture by R. Hayward was unveiled at the Roger's bldg" Black and white photographs of Hayward in Eastern dress and of Chinese motifs. Annotated: "The Copley Society - Artists' Ball." undated. Five photographs, May 12, 1922 undated
- 1.8 Black and white photograph of an architectural schematic, aerial view, by Roger Hayward titled "Suburban Railroad Station." Submitted to the Department of Architecture, Massachusetts Institute of Technology, June 1919 , June 1919
- 1.9 Black and white photograph of a front illustration and an architectural schematic, side view, by Roger Hayward titled "Suburban Railroad Station." Submitted to the Department of Architecture, Massachusetts Institute of Technology, June 1919 , June 1919
- 1.10 Reproduction of a pen and ink drawing by Roger Hayward depicting a man and woman dancing. Drawing includes the phrase "Oh, Divine Dance! Oh, Grecian Grace! How like The Celestial Camel!" 1921 Reproduction of a pen and ink drawing by Roger Hayward depicting a person gazing at a building amidst harsh winter weather. Drawing includes the caption "Picture of a student trying to find the 'stute.'" 1921 Black and white photograph of a pencil drawing by Roger Hayward titled "A Grand Staircase in an Opera House." Project for Art III class, Massachusetts Institute of Technology, December 9, 1921 , 1921 1921 December 9, 1921
- 1.11 Black and white photograph of a pencil drawing by Roger Hayward titled "A Staircase in an Opera House." [front and aerial views] Project for Art III class, Massachusetts Institute of Technology, December 9, 1921 , December 9, 1921
- 1.12 Black and white photograph of an illustration by Roger Hayward titled "Tech Show 1922, The Wrong Steer." Illustration depicts a caveman, cavewoman and child riding a bull, 1922 , 1922
- 1.13 Newspaper Clipping: "An Additional Honor to Roger Hayward," [re: Hayward's receipt of the Rotch Prize from the Massachusetts Institute of Technology] Boston *Evening Sentinel*, June 19, 1922 Black and white

- photograph of a snow sculpture of a Naval officer holding a leashed dog, ca. 1923 Black and white photograph of Roger Hayward, two unidentified boys and Betty Hayward, posing next to a snow sculpture of a Naval officer holding a leashed dog, ca. 1923 , June 19, 1922 1923 1923
- 1.14 Black and white photographs of a snow sculpture of a Naval officer holding a leashed dog, ca. 1923. Two photographs, 1923
- 1.15 Color reproduction of an illustration by Roger Hayward titled "Tom Piper's Pig Hilltop." Illustration depicts a Scottish piper leading a pig on a leash. The Drama Club of Evanston, 1923. Illustration is captioned: "The poster on the cover page of the program was chosen by the judges, Lorado Taft and Milo Winter as the most worthy in the national contest for a Junior Play poster; it was drawn by Roger Hayward of Roslindale, Mass.", 1923
- 1.16 Newspaper Clipping: "Keene Man Honored as Architect, Receiving Medal." *New Hampshire Sunday Union Leader*, February 10, 1923 Black and white photograph of an illustration by Roger Hayward titled "Daddy Long Legs." Illustration depicts a large spider with the face of an elderly man looming over a seated young woman. Ca. 1920s Black and white photograph of Roger, Julian, Hilda and Betty Hayward seated outdoors on a rocky surface. Roger sits beneath an umbrella, smoking a cigarette with a sketch pad resting in his lap. Julian faces the camera, Hilda and Betty are knitting and look away from the camera. Ca. 1920s , February 10, 1923 1920s 1920s
- 1.17 Brown tone etching of a medieval hilltop town, by Roger Hayward. Annotated "First Plate." 1924 Brown tone etching of a harbor scene, by Roger Hayward. A home on a rocky inlet is depicted in the foreground, a sailing ship appears in the background. Annotated "Second Plate." 1924 , 1924 1924
- 1.18 Black and white etching of a country home attached to an open-air workspace, by Roger Hayward. Ca. 1920s Black and white etching of a fishing scene, by Roger Hayward. Fishermen seated on a dock are depicted on the left of the image, while two men in row boats come ashore in the center of the image. In the background several shacks are depicted. Ca. 1920s , 1920s 1920s
- 1.19 Black and white photographs of an elaborate demonic costume, complete with mask and artificial hands. 1923 , 1923 [Page is annotated: "'Klesk' the idol personified in 'A Night at an Inn,' a play by Lord Dunsancy. The part was taken by Judge Chester A. Jordan and produced in Keene May 15, 1923. Directed by Mrs. W. E. Wilber. Made by Roger Hayward."]
- 1.20 Color reproduction of an emblem created for the Keene, New Hampshire Chamber of Commerce by Roger Hayward. Emblem features an elm tree in the background and reads "The Elm City, Member, Merchants Division, Chamber of Commerce." 1924 Newspaper Clipping: "Merchants Adopt Emblem to Denote Organization," *New Hampshire Union Leader* [?], October 6, 1924 Black and white etching of a Venetian canal scene, by Roger Hayward. Ca. 1920s , 1924 October 6, 1924 1920s
- 1.21 Newspaper Clipping: "The Eliza G. Radeke Art Museum Dedicated Today at the Rhode Island School of Design in Providence," *Boston Evening Transcript*, April 24, 1926. Annotated: "Roger Hayward, Delineator" Postcard featuring a captioned photograph of the "Rhode Island School of Design, Entrance to New Museum Building," 1924 , April 24, 1926 1924
- 1.22 Newspaper Clipping: "New Art Museum Opened Today in Providence," *Boston Evening Transcript*, April 24, 1926 , April 24, 1926
- 1.23 Newspaper Clipping: untitled image of a proposed Presbyterian cathedral, Washington, D. C. Annotated: "Rendered by Roger Hayward." *The New York Times Magazine*, April 1, 1928 Newspaper Clipping: untitled, caption reads "Design for American Cemetery Chapel Near Fere-en-Tardenois." Annotated: "Roger. Delineator." *The New York Times Magazine*, July 17, 1927 Reproduced pencil drawing, caption reads "A pencil rendering by Roger Hayward showing the proposed design by Cram & Ferguson for the North Transept of the Cathedral of St. John the Divine now under construction in New York City." *Pencil Points*, May 1926 , April 1, 1928 July 17, 1927 May 1926
- 1.24 Newspaper Clipping: untitled, caption reads "Proposed Chapel for Aisne-Marne American Cemetery Near Belleau Wood. This and Other Designs on These Two Pages Have Been Approved by the American Battle Monuments Commission. Annotated: "Deecls of the A. E. F. Roger = Delineator." *The New York Times Magazine*, [?] July 17, 1927 Black and white close-up photograph of Betty and Roger Hayward, ca. 1920s Black and white close-up photograph of Roger Hayward, Betty Hayward, an elderly woman and elderly man. [Ina and Robert Hayward?] Annotated: "101 Court St." Ca. 1920s , July 17, 1927 1920s 1920s

- 1.25 Newspaper Clipping: "U. S. Chapel for Battlefields," unknown publication, ca. 1927 Newspaper Clipping: "The North Shore Art Association Show," unknown publication, July 23, 1928 Black and white photograph of Betty Hayward, seated and smiling near the ocean, ca. 1920s , 1927 July 23, 1928 1920s
- 1.26 Newspaper Clipping: "The Art Club's 49th General Show," *Providence (Rhode Island) Journal*, March 21, 1928 Brown tone etching print of a young man kneeling in prayer amidst an ornate cathedral setting. Included in the details of the cathedral are numerous visual allusions to the architectural profession. Annotated: "A Christmas card designed by Roger for Ralph Adams Cram," 1927 , March 21, 1928 1927
- 1.27 Newspaper Clipping: "Business Men and Art," *Boston Herald*, May 7, 1928 Newspaper Clipping: "Business Men's Exhibition - Boston Art Club," *Boston Transcript*, May 5, 1928 , May 7, 1928 May 5, 1928
- 1.28 Program: Boston Business Men's Art Club, First Exhibition, May 2-12, 1928 Newspaper Clipping: "Business Men Prove Skill in Varied Fields of Art," unknown publication, May 3, 1928 Newspaper Clipping: "Products of Brush of Roger Hayward Praised," *Keene (New Hampshire) Evening Sentinel*, May 7, 1928 Photographs of four masks, perhaps created by Roger Hayward, ca. 1920s. Two photographs, May 2-12, 1928 May 3, 1928 May 7, 1928 1920s
- 1.29 Newspaper Clipping: Photograph of a portrait of a boy and his father. Annotated: "Portrait of Wm. T. Aldrich and son by Chas. Hopkinson. Guild of Boston Artists," unknown publication, May 1928 Photographs of a sculpture of an elderly nude woman, ca. 1920s. Five photographs, May 1928 1920s
- 1.30 Print of an etching titled "Mont San Michel," ca. 1926 Print of an etching titled "Siena," ca. 1926 , 1926 1926
- 1.31 Newspaper Clipping: "In the World of Art," *Boston Sunday Herald*, February 12, 1928 , February 12, 1928
- 1.32 Newspaper Clipping: "Roger Hayward Will Exhibit Water Colors," *Keene (New Hampshire) Evening Sentinel*, February 6, 1928 [Continued from 1.31] Newspaper Clipping: "In the World of Art," *Boston Sunday Herald*, February 12, 1928 Program: Exhibition of Water Colors by Roger Hayward, Grace Horne's Galleries, February 6-18, 1928 , February 6, 1928 February 12, 1928 February 6-18, 1928
- 1.33 Meeting Announcement: Historical Society of Cheshire County. Annotated: "Seal (above) Designed by Roger Hayward, 1928. Tipped in are photocopies of all six seal designs submitted by Hayward to the Historical Society, 1928
- 1.34 Program: Old Home Week - Reed Free Library, sponsored by the Surry [New Hampshire] Old Home Week Association. Invitation is annotated: "Original plans for the Library were made and contributed by Roger Hayward - direct descendant of Peter Hayward, the First Settler. Corner Stone laid Aug. 1, 1932." August 22, 1934 Print of an etching featuring an image of boats floating on clouds. Annotated: "A Christmas Card: Designed and Etched in 1928 by R. H. Newspaper Clipping: "Chez Grace Horne," *Boston Herald*, February 1929 Black and white passport photograph of Roger Hayward, August 1926 , August 22, 1934 1928 February 1929 August 1926
- 1.35 Newspaper Clipping: "Young Boston Architect Jumps Into Fame Over Night as Painter," *Boston Traveler*, March 1, 1929 Newspaper Clipping: "Exhibition of Paintings and Water Colors by Roger Hayward, Grace Horne's Galleries," unknown publication, February 1929 Newspaper Clipping: "Art in Boston, Grace Horne's Galleries," *Christian Science Monitor*, February 1929 , March 1, 1929 February 1929 February 1929
- 1.36 Newspaper Clipping: "Roger Hayward Exhibits His Water Colors and Oil Paintings," *Boston Post*, February 23, 1929 Program: Exhibition of Paintings and Water Colors by Roger Hayward, Grace Horne's Galleries, February 11-23, 1929 Newspaper Clipping: "Former Keene Man's Pictures Exhibited," *Keene (New Hampshire) Evening Sentinel*, February 19, 1929 Black and white photograph of two masks created by Roger Hayward. Ca. 1920s , February 23, 1929 February 11-23, 1929 February 19, 1929 1920s
- 1.37 Newspaper Clipping: "Artist Paints Anglers' Paradise," *Boston Globe*, February 1929 Newspaper Clippings: untitled photographs of two masks created by Roger Hayward, unknown publication, ca. 1920s. Two newspaper clippings Newspaper Clippings: Advertisements for the Third Annual Exhibition of the Boston Society of Independent Artists. Annotated: "Fountain - by R. Hayward." Unknown publication, January 14, 1929. Two newspaper clippings, February 1929 1920s January 14, 1929
- 1.38 Newspaper Clipping: "Roger Hayward's Art Work Highly Lauded," *Keene (New Hampshire) Sentinel*, March 4, 1929 Newspaper Clipping: "Water Colors on Exhibition Here," *Boston Herald*, February 27, 1929 Black and white photographic portrait of Roger Hayward, ca. 1920s Black and white photographic portrait of Betty Hayward, ca. 1920s Black and white photograph of a watercolor painting by Roger Hayward. The painting depicts a sunny path leading through the forest. Ca. 1929 , March 4, 1929 February 27, 1929 1920s 1929



- 1.39 Black and white photographs of Roger and Betty Hayward posing in front of their home, their garage and amidst a desert landscape. Annotated: California, arr[ived] April 20, 1929. 365 So. Wilson St. - Pasadena. 1929. Seven photographs Magazine illustration captioned "Projected New Home of Los Angeles Stock Exchange." Annotated: "S. L. Lunden - Architect, Original Design & Rendered by Roger Hayward." *Los Angeles Saturday Night*, June 29, 1929, 1929 June 29, 1929
- 1.40 Newspaper Clipping: "Exhibits Defy Summer - Lithographs, Water Colors, Group Shows of Paintings Blossom These Warmer Days," *Los Angeles Times*, August 11, 1929 Black and white photographs of watercolor paintings by Roger Hayward. Paintings include images of cowboys on horseback, an industrial landscape, a still life of cacti and a carnival carousel, 1929. Five photographs Black and white photograph of an unidentified man., August 11, 1929 1929
- 1.41 Black and white photographs of watercolor paintings by Roger Hayward. Paintings include industrial, agricultural and western scenes, 1929. Eight photographs Flyer: "The Role in Art," a lecture by Roger Hayward scheduled for January 18, 1951, the Athenaeum, California Institute of Technology, 1929 January 18, 1951
- 1.42 Program: California Water Color Society exhibition, Los Angeles Museum, October 2 - November 3, 1929 Black and white photographs of watercolor paintings by Roger Hayward. Paintings all depict western scenes and landscapes, 1929. Eight photographs, October 2 - November 3, 1929 1929
- 1.43 Black and white photographs of watercolor paintings by Roger Hayward. Paintings depict western canyon landscapes, perhaps the Grand Canyon. 1930s. Two photographs Black and white photographs of Betty and Roger Hayward posing with their automobile. Ca. 1930s. Two photographs Newspaper Clipping: "Mid-April Brings Rush of Varied Art Exhibits," *Los Angeles Times*, April 17, 1932, 1930s 1930s April 17, 1932
- 1.44 Newspaper Clipping: untitled article re: new St. Vincent's church in Los Angeles. Annotated: "1933? Roger designs two alters & sacred emblems on walls of St. Vincents' Church for R. H. Cram. Also mosaics for the Doheny Memorial Library, University of Southern California." Unknown publication, ca. 1933 Newspaper Clipping: "More Cathedral Windows by Boston Artist," unknown publication, ca. 1933, 1933 1933
- 1.45 Newspaper Illustration: "New Los Angeles Stock Exchange Building from an etching by Harrison Clarke." Annotated: "Original Design by Roger Hayward. Impedimenta by S. C. Scarpitta - Sculptor." *Boston Herald*, January 1931, January 1931
- 1.46 Magazine Illustration: "Superb Bronze Doors at Entrance to New Stock Exchange." Annotated: "Roger - designer & delineator fro Sam L. Lunden." *Los Angeles Saturday Night*, January 10, 1931 Magazine Clipping: "Los Angeles Stock Exchange Artistic Bronze Doors," *Los Angeles Saturday Night*, January 10, 1931 Black and white photographs of scenes from a puppet show produced by Roger, Betty and Julian Hayward. Annotated: "Puppet scenes from the Arabian Nights." Ca. 1932-1933. Three photographs, January 10, 1931 January 10, 1931 1932-1933
- 1.47 Black and white photographs of scenes from a puppet show produced by Roger, Betty and Julian Hayward. Images feature a male and female puppet wearing German dress. Ca. 1932-1933. Eight photographs, 1932-1933
- 1.48 Flyer: "The Beroju Puppet Theatre, Every Friday Night at 8:30." Annotated: "Depression Activities of 1932 & 1933. Roger, Betty and Julian." Black and white photographs of scenes from puppet shows produced by Roger, Betty and Julian Hayward. Images include scenes from "Arabian Nights," a depiction of the Grim Reaper and another featuring a ballerina and French soldier. Ca. 1932-1933. Eight photographs, 1932-1933
- 1.49 Black and white photographs of scenes from puppet shows produced by Roger, Betty and Julian Hayward. Images include scenes from "Arabian Nights," a depiction of an African-American vaudevillian and another of a scientist operating a machine possessing the ability to bring the dead back to life. Ca. 1932-1933. Five photographs, 1932-1933
- 1.50 Flyer: "The Beroju Puppet Theatre, Every Friday Night at 8:30," 1932-1933 Black and white photographs of scenes from puppet shows produced by Roger, Betty and Julian Hayward. Images include scenes of a male and female puppet wearing German dress, a depiction of the Grim Reaper, characters in "Arabian Nights" and an orator in American colonial dress. Ca. 1932-1933. Five photographs, 1932-1933 1932-1933
- 1.51 Black and white photographs of scenes from "The Sorcerer's Apprentice" puppet show, produced by Roger, Betty and Julian Hayward. One photograph is taken from the vantage point of the puppeteers. Ca. 1932-1933. Three photographs, 1932-1933
- 1.52 Newspaper Illustration: captioned "Model of the moon for the Griffith Observatory, Los Angeles, nears completion at the hands of Roger Hayward, architectural astronomer. When installed it will give the illusion of looking at the moon from a space-ship hovering close to its surface." *Boston Sunday Herald*, October

- 28, 1934 Black and white close-up photographs of the Griffith Observatory moon model. 1934. Four photographs, one of which is annotated "Aristarchus", October 28, 1934 1934
- 1.53 Newspaper Clipping: "Roger Hayward, Sculptor, Assists in Making Model of Moon for Observatory," *Keene (New Hampshire) Evening Sentinel*, October 30, 1934 Newspaper Clipping: "Planetarium for Boston Without Government Aid," letter to the editor by R. H. Parker, *Boston Herald*, November 1, 1934 Newspaper Clipping: "Worcester Paper Prints Photograph of Sculptor Hayward's Moon Model," *Keene (New Hampshire) Evening Sentinel*, [?] November 9, 1934 Black and white photographic portrait of Roger Hayward peering at the camera out of shadow. Ca. 1930s , October 30, 1934 November 1, 1934 November 9, 1934 1930s
- 1.54 Newspaper Clipping: "Science, Art Completing 'L. A. Moon,'" *Los Angeles Herald*, November 21, 1934 Newspaper Illustration: "They've Got the Man in the Moon Hard at Work," *Pasadena Post*, November 14, 1934 Black and white photographic portrait of Roger Hayward, shot in profile, engulfed in shadow. Ca. 1930s , November 21, 1934 November 14, 1934 1930s
- 1.55 Newspaper Illustration: "Los Angeles Will Have Moon of its Own," *The New York Times*, November 5, 1934. Page annotated: "The above photo-print was used as a cover design in the German magazine *Die Woche*, December 1, 1934. A photo-print similar to one in *The Literary Digest* was used by *The London Illustrated News*, November 24, 1934 , November 5, 1934 December 1, 1934 November 24, 1934
- 1.56 Newspaper Illustration: "Modelling the Moon!" *Albany (New York) Times-Union*, October 18, 1934 Magazine Clipping: "An Observatory for the Public," *The Literary Digest*, April 20, 1935 , October 18, 1934 April 20, 1935
- 1.57 Newspaper Clipping: "Moon Brought Down to Earth by Astronomer and Sculptor" *The Christian Science Monitor*, November 21, 1934 , November 21, 1934
- 1.58 Self-portrait, in pencil, of Roger Hayward and portrait of Betty Hayward, ca. 1930s. Page annotated "Chess-men Cast in Lead", 1930s
- 1.59 Black and white photograph of Roger Hayward holding his glasses and looking to his right. Ca. 1930s Black and white photographic portrait of Roger Hayward, propping his head up with his right hand, looking to his left and grinning. Ca. 1930s , 1930s 1930s
- 1.60 Black and white photographic portrait of Roger Hayward, staring directly at the camera in a serious pose. Ca. 1930s Black and white photographs of a loom designed and built by Roger Hayward as well as images of Betty Hayward using the loom. Page annotated: "Betty's Loom, made by Roger, 1935-1936. Seven photographs Black and white photographic portrait of Betty Hayward, seated, peering into the camera and holding a book in her lap. Ca. 1935-1936 , 1930s 1935-1936 1935-1936
- 1.62 Black and white photographs of a telescope built by Roger Hayward, ca. 1935-1936. Eight photographs, 1935-1936
- 1.64 Black and white photocopy of a Hayward family photograph. Photograph is captioned: "Left to Right (Top): Terry (wife of Peter), Roland Parker (husband of Hilda), Julian Hayward, [Julian's] twin brother Peter Hayward; Bottom: Roger, sister Hilda (Hayward) Parker, Betty (wife of Roger), Robert Hayward (father), Ina Phelps Hayward (wife [mother of Roger]), Julian's wife, [Julian's] daughter; Children: Miriam (Parker) Kramer, Nancy Hayward (daughter of Peter/Terry)." Page annotated: "At the Knoll," December 1938 , December 1938
- 1.66 Certificate: Election of Roger Hayward to Resident Membership in the University Club of Los Angeles, May 25, 1953 , May 25, 1953
- 1.67 Black and white photographs of scenes from "The Sorcerer's Apprentice" puppet show, produced by Roger, Betty and Julian Hayward. Ca. 1932-1933. Two photographs, 1932-1933
- 1.68 Black and white photographs of scenes from "The Sorcerer's Apprentice" puppet show, produced by Roger, Betty and Julian Hayward. Ca. 1932-1933. Two photographs, 1932-1933
- 1.69 Black and white photographs of scenes from "The Sorcerer's Apprentice" puppet show, produced by Roger, Betty and Julian Hayward. Ca. 1932-1933. Two photographs, 1932-1933
- 1.70 Black and white photographs of scenes from "The Sorcerer's Apprentice" and "Arabian Nights" puppet shows, produced by Roger, Betty and Julian Hayward. Ca. 1932-1933. Two photographs, 1932-1933
- 1.71 Black and white photograph of a scene from a puppet show produced by Roger, Betty and Julian Hayward. Image depicts a demon and a preacher confronting one another. Ca. 1932-1933 Black and white photograph of two masks created by Roger Hayward. Ca. 1930s , 1932-1933 1930s
- 1.72 Black and white profile photograph of Roger Hayward drinking a Pabst beer. Annotated: "At Palomar, 100-1 Shot Meeting, 1937" Black and white photograph of Roger Hayward arranging the strings on a kite. Ca.

- 1930s Black and white photographs of four masks created by Roger Hayward. Ca. 1930s. Two photographs, 1937 1930s 1930s
- 1.73 Black and white photographs of Roger Hayward standing on a hilltop and flying a kite. Ca. 1930s. Two photographs, 1930s
- 1.74 Black and white photograph of Roger Hayward and an unidentified woman standing on a hilltop and flying a kite. Ca. 1930s Black and white photograph of Roger Hayward holding a kite and conversing with two unidentified men standing on a porch. Ca. 1930s , 1930s 1930s
- 1.92 Black and white photographs of Roger Hayward dressed formally and standing outdoors. Page annotated: "At Fifteen and Sixteen." 1914-1915 , 1914-1915
- 1.93 Black and white photograph of Hilda Hayward holding an infant Roger. Annotated: "3 mos." 1899 Black and white photograph of Hilda, Roger and mother Ina Hayward seated together on a bench. Annotated: "Roger - 6 mos." 1899 Black and white photograph of Roger Hayward standing and gesturing towards the camera with his hands. Annotated: "'The Farm' - 1.5 yrs old." 1900 Black and white photograph of Roger Hayward seated with and holding his mother Ina. Annotated: "Court St. - 4 yrs." 1903 Black and white photographs of Roger Hayward posing outdoors. In one image he is seated and examining a leaf, in another he stands amidst a flock of chickens. Page annotated: "'The Farm' 3.5 yrs." 1902. Three photographs, 1899 1899 1900 1903 1902
- 1.94 Black and white photographs of Roger Hayward seated in a chair and posing. In one image he holds a model horse-drawn stagecoach. Annotated: "6 yrs. old." 1905 Black and white photograph of Roger and Ina Hayward standing in a field. Both are dressed formally and holding flowers. Ca. 1905 Black and white photograph of Roger Hayward wearing formal dress, posing outside. Annotated: "Court St., 7 yrs. old." 1906 Black and white photograph of Roger and Ina Hayward wearing formal dress and posing outside with a baby carriage. Annotated: "Roger at seven." 1906 Black and white profile photograph of Roger Hayward squatting next to the banks of a pond. Annotated: "The Frog." Ca. 1905 Black and white profile photograph of Roger Hayward seated on a log and gazing across a plain. Annotated: "Surry Mt." [Surry Mountain Lake, New Hampshire?] Ca. 1905 Black and white photographic portrait of Roger Hayward. Annotated: "7 or 8 yrs." Ca. 1907-1907 , 1905 1905 1906 1906 1905 1905 1907-1907
- 5.002 Photographs, 1932-1947 1960s (12 photographs)
- 2.1 Black and white photograph of Roger Hayward as a young boy, seated outdoors on a wooden chair, peering to his left. Annotated: "Roger at the Stearns Farm, about 6 yrs. 'For a boy's will is the wind's will, and the thoughts of youth are long, long thoughts'", Ca. 1905
- 2.2 Black and white photograph of Roger Hayward examining blueprints with four colleagues at the S. E. Lunden Architecture Firm, Los Angeles, California, July 1932
- 2.3 Black and white photographs of Roger Hayward and Caspar Gruenfeld building the Griffith Observatory moon model, Los Angeles, California, 1934
- 2.4 Black and white photographic portrait of Roger Hayward, propping his head up with his right hand, looking to his left and grinning, ca. 1930s
- 2.5 Black and white photographic portrait of Roger Hayward, looking to his left, ca. 1930s
- 2.6 Black and white photograph of Pauline Gilferd and Roger Hayward, seated with sketchbooks in their laps. Standing behind Gilferd and Hayward are a number of observers., ca. 1945-1946
- 2.7 Black and white photograph of Roger Hayward demonstrating the use of a military machine gun. Captioned: "Three Vector Sight-Port Waist Gun. Forward side view, showing extreme position, gun depressed and aimed aft. Mt. Wilson Observatory - Pasadena, Calif", ca. 1947
- 2.8 Black and white photograph of Roger Hayward demonstrating the use of a military machine gun. Captioned: "Three Vector Sight-Port Waist Gun. Forward side view, showing extreme position, gun elevated and aimed aft. Mt. Wilson Observatory - Pasadena, Calif", ca. 1947
- 2.9 Black and white photograph of Roger Hayward seated with a group of men in military uniform, Mount Wilson Observatory, near Pasadena, California. Annotated: "Mt. Wilson - Santa Barbara St", ca. 1940s
- 2.10 Black and white photograph of Roger Hayward squatting, smoking a cigarette and tracing with his finger an enumerated trajectory that has been drawn on the floor, ca. 1940s
- 2.11 Black and white photograph of an unidentified woman and Roger Hayward conversing at an outdoor art exhibit, possibly the Pasadena Art Fair, ca. 1940s
- 2.12 Black and white photographic portrait of Roger Hayward, chin in hand, peering to his left, ca. 1960s
- 5.003 Newspaper Clippings and Magazine Articles, 1923-1936 1942 1952-1966 1979 2007 (41 folders)

- 3.1 Newspaper Clipping: "Keene Man Honored as Architect, Receiving Medal." *New Hampshire Sunday Union Leader* , February 10, 1923
- 3.2 Newspaper Clipping: "The Critics." *Boston Evening Transcript* , January 14, 1928
- 3.3 Newspaper Clipping: "Thieme and Hayward." *Boston Herald* , February 12, 1928
- 3.4 Newspaper Clipping: "The Art Club's 49th General Show." *Providence (Rhode Island) Journal* , March 21, 1928
- 3.5 Newspaper Clipping: "Business Men's Art Club Exhibit Opens." *Boston Globe* , May 2, 1928
- 3.6 Newspaper Clipping: "Business Men's Art Club Opens Its First Exhibit." Unknown publication, May 3, 1928
- 3.7 Newspaper Clipping: "Art Club Show." *Boston Evening Transcript* , May 19, 1928
- 3.8 Newspaper Clipping: "In the World of Art." *Boston Herald* , June 10, 1928
- 3.9 Newspaper Clipping: "In the World of Art." *Providence (Rhode Island) Journal* , July 1, 1928
- 3.10 Newspaper Clipping: "Bound [?] for Exhibit - Mr. Newhall's Portraits." *Boston Herald* , October 21, 1928
- 3.11 Newspaper Clipping: "Many Artists Represented at Grace Horne's Galleries." *Boston Evening Transcript* , January 16, 1929
- 3.12 Newspaper Clipping: "Roger Hayward Will Exhibit Water Colors." *Keene (New Hampshire) Evening Sentinel* , February 6, 1929
- 3.13 Newspaper Clipping: "Water Colors Flood Grace Horne Gallery." *Boston Evening Transcript* , February 16, 1929
- 3.14 Newspaper Clipping: "Art in Boston." *Christian Science Monitor* , February 18, 1929
- 3.15 Newspaper Clipping: "[truncated title]...Selects Three Paintings, One of Which Will Be Awarded \$300 Purchase Prize." *Boston Evening Transcript* , February 23, 1929
- 3.16 Newspaper Clipping: "Water Colors by Roger Hayward." *Boston Evening Transcript* , April 3, 1929
- 3.17 Newspaper Clipping: "Art Exhibit at Keene Normal School." *Keene (New Hampshire) Sentinel* , June 6, 1929
- 3.18 Newspaper Clipping: "The Water Color Society." *Los Angeles Times* , October 20, 1929
- 3.19 Newspaper Clipping: "Water Colors at the Art Club Annual Show." *Boston Evening Transcript* , Ca. 1929
- 3.20 Newspaper Clipping: "Exhibit Paintings of Ancient Egyptian Tomb Interiors in Museum." *Boston Herald* , February 19, 1930
- 3.21 Newspaper Clipping: "In the World of Art." *Boston Herald* , February 23, 1930
- 3.22 Newspaper Clipping: "Department Presents California Compositions." *Daily Bruin (University of California, Los Angeles)* , March 3, 1931
- 3.23 Newspaper Clipping: "Water Colors by the Sea." *Los Angeles Times* , July 19, 1931
- 3.24 Newspaper Clipping: "Art Club Show Below Par." *Los Angeles Times* , November 16, 1931
- 3.25 Newspaper Clipping: "New Green Street Rendezvous Opens." *Pasadena Star-News* , November 1931
- 3.26 Newspaper Clipping: "An Eastern Artist Portrays the West." *Boston Post* , Ca. 1936
- 3.27 Newspaper Clipping: "California Cavalcade," by Art Penn. One-panel illustration including drawing of "The World's Largest Imitation Moon." *Burbank News and Burbank Aircraft News* , April 30, 1942
- 3.28 Newspaper Clipping: "Art Institute Reception Set." *Pasadena Star-News* , December 12, 1952
- 3.29 Newspaper Clipping: "Handweavers to Meet." *Pasadena Star-News* , April 27, 1953
- 3.30 Newspaper Clipping: "Artists, Amateurs Busy Planning for City's 10th Annual Art Fair." *Pasadena Star-News* , August 15, 1954
- 3.31 Newspaper Clipping: "Styles in Art Topic of Open Session." *Pasadena Star-News* , October 19, 1955
- 3.32 Newspaper Clipping: "Art in Tucson - Ford's Collection of Watercolors Varies from Dull to Interesting." Unknown publication, December 11, 1955
- 3.33 Newspaper Clipping: "Roger Hayward Elected Head of Artists' Society." *Pasadena Star-News* , April 26, 1956
- 3.34 Magazine Article: Captioned photograph of Betty and Roger Hayward ordering a meal in the University Club Tavern Room. *University Club Toreador* , 5, 9 (3), Fall 1956
- 3.35 Newspaper Clippings: "Pasadena Artist at Sorority Meet" and "Art Exhibit Well Attended." *Hi-Desert Star* [Morongo Basin, California], May 29, 1958
- 3.36 Newspaper Clipping: "Artist Coaches 'Orphan' - Hayward Helps Hathaway Home." *Pasadena Star-News* , February 9, 1959
- 3.37 Newspaper Clipping: "Hayward Work to be Displayed." *Monrovia (Calif.) Daily News-Post* , January 5, 1961
- 3.38 Newspaper Clipping: "Architect-Artist Has Extraordinary Gifts." *Pasadena Independent Star-News* , January 15, 1961
- 3.39 Newspaper Clipping: "Mrs. Hart Visiting Friends, Family." *Pasadena Star-News* , June 1, 1966

- 3.40 Newspaper Clipping: "Pasadena Architect Dies at 80." *Pasadena Star-News* , October 16, 1979
- 3.41 Magazine Article: "Roger Hayward, Forgotten Artist of Optics." *Sky & Telescope* , September 2007
- 5.004 Assorted Biographical Materials, 1917-1980 undated (7 folders)
- 4.1 Biographical Abstracts and Curricula Vitae, 1932-1980 [File includes Typescript: "Biography of Roger Hayward, Class of '22," by Samuel E. Lunden, January 18, 1980.]
- 4.2 Biographical Materials compiled by Dr. James R. Kramer, undated
- 4.3 Birth and Death Certificates, 1926 1980
- 4.4 Certificates, Licenses and Membership Cards, 1917-1918 1926-1928 1934 1937 1939 1943 1945-1946 1948  
1951 1965 1973 1979
- 4.5 Financial Materials, 1925 1927-1929 1933-1934 1974 [File includes correspondence with the purchasers of  
the Haywards' Pasadena home, 1974 ]
- 4.6 Genealogical Materials, undated
- 4.7 Assorted Materials re: New Hampshire, 1917 1928 1968