Finding Aid to the Doble Steam Motors Corporation Photograph Collection, 1898-ca. 1963 (bulk 1917-1935)

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Finding Aid to the Doble Steam Motors Corporation Photograph Collection, 1898-ca. 1963 
(bulk 1917-1935)

Collection number: BANC PIC 1961.008-.009

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GenX

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Collection Summary

Collection Title: Doble Steam Motors Corporation photograph collection
Date (inclusive): 1898-ca. 1963
Date (bulk): 1917-1935
Collection Number: BANC PIC 1961.008-.009
Creator: Doble Steam Motors Corporation
Extent: 3 albums (198 photographic prints) and 1 box (185 photographic prints)60 digital objects
Repository: The Bancroft Library.
University of California, Berkeley
Berkeley, CA 94720-6000
Phone: (510) 642-6481
Fax: (510) 642-7589
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Abstract: Photographs documenting the steam automobiles and engines created by Abner Doble and Warren Doble, especially as part of the Doble Steam Motors Corporation. Pictured are completed automobiles as well as engine and auto parts, photographic copies of design drawings, and some views of factory facilities.

Languages Represented: Collection materials are in English

Physical Location: For current information on the location of these materials, please consult the Library's online catalog.

Access
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Preferred Citation
Abner Doble was born in San Francisco, California on March 26, 1890. At the age of eight, he began an apprenticeship at the Abner Doble Company, the factory founded by his grandfather and namesake. His father, William Ashton Doble, was inventor of the Pelton-Doble Water Wheel and chief engineer for the Pelton Water Wheel Co., which eventually merged with his family's business. Abner Doble designed and built his first steam car while a student Lick High School in San Francisco. He attended the Massachusetts Institute of Technology from 1910-1912, but left college in order to focus his attention on the development of steam automobiles. In 1912 he developed the Doble Model A in Waltham, Massachusetts, soon followed by the Doble Model B roadster. In 1915 Doble drove the Model B to Detroit where the General Engineering Company offered to put it into production. Renamed the Doble-Detroit, his car was introduced at the New York auto show of 1917. Although over 10,000 orders came in for the model, wartime demand for steel put manufacturing on hold and only 30 Doble-Detroit cars were ever produced.

In 1920 Doble and his brothers (chiefly Warren Doble, with early involvement of John and William Doble) organized the Doble Steam Motors Corporation in San Francisco with the intention of developing the finest steam car ever built. Doble modeled his factory, which later moved across the bay to Emeryville, on the Rolls-Royce plant in Springfield, Massachusetts. The cars manufactured by Doble were luxury vehicles guaranteed to run for 100,000 miles. Their reputation for fine performance spread and orders came in quickly. The production process was costly, as well as enormously time-consuming.
consuming, given the amount of attention paid to nearly every detail of the car’s manufacture. As a result of Doble’s high standards, the company manufactured only 42 cars between 1923 and 1931. Finally, unable to secure adequate financing, Doble Steam Motors went bankrupt in 1931. Despite the company’s failure, steam enthusiasts still consider the Doble steam car of this era to be among the best ever produced.

After the collapse of their company, Abner and Warren Doble became consultants to several firms engaged in the development of steam technology. In Germany they helped to develop steam powered trains, buses, trucks and boats for A. Borsig, Co. and Henschel & Sohn. The Dobles also worked on steam trucks and railcars for Sentinel Waggon Works in England and steam buses for A & G Price, Ltd., New Zealand. In 1946 Abner Doble was retained by Nordberg Manufacturing Company, Milwaukee, Wisconsin to develop a steam power plant for city buses. This engine, known as the Ultimax, was the culmination of Doble’s nearly four decades of experience in steam technology. Another firm later attempted to employ the Ultimax for use in railway locomotives. Finally, in 1950, McCulloch Motors of Los Angeles hired Doble as consultant on the development of the Paxton Phoenix, a steam powered luxury car fitted with an Ultimax engine. Once again, lack of funding forced the company to abandon the project and the car was never completed.

Abner Doble continued to work as a consultant throughout the 1950’s. One of his last projects was for Charles F. Keen of Milwaukee on the development of the Keen steam car in 1956.

Abner Doble died in Santa Rosa, California on July 16, 1961.

1890  Born March 26, San Francisco, CA
1898-1905  Apprenticeship at the Abner Doble Company, San Francisco, CA
1910-1912  Attends Massachusetts Institute of Technology, Cambridge, MA
1912  Develops the Doble Model A, Waltham, MA
1914  Develops the Doble Model B Roadster, Waltham, MA
1916  Introduces Doble-Detroit Steam Car, Detroit, MI
1920  Doble Steam Motors factory opens in San Francisco, CA
1923  Factory moved to Emeryville, CA
1929-1931  Consultant to A & G Price, Ltd., New Zealand
1930-1936  Consultant to Sentinel Waggon Works, Shrewsbury, England
1931  Doble Steam Motors closes
1931  Consultant to A. Borsig Co., Berlin, Germany
1931-1934  Consultant to Henschel & Sohn, Kassel, Germany
1946-1948  Consultant to Nordberg Manufacturing Co., Milwaukee, WI
1950-1956  Consultant on development of Paxton Phoenix steam car for McCulloch Motors Corporation, Los Angeles, CA
1956  Consultant on Keen steam car, Milwaukee, WI
1957  Consultant on monotube boiler for Charles W. Tadlock, St. Louis, MO
1961  Died July 16 in Santa Rosa, CA

Scope/Content
The Doble Steam Motors Corporation photograph collection consists of photographs received with the Abner Doble papers. Images document the steam automobiles created by Abner Doble and his brother Warren Doble, especially as part of the Doble Steam Motors Corporation. Some images depict earlier steam cars designed and built by the brothers, including the Doble-Detroit of 1915-1917. Pictured are completed automobiles as well as engine and auto parts, photographic copies of design drawings, and some views of factory facilities. Other images relate to vehicles produced by other companies with whom the Dobles contracted, namely, A. & G. Price (New Zealand), Henschel & Sohn (Germany), and Sentinel Waggon Works (Great Britain). Work for these companies included engines and parts for trucks, buses, boats, and trains.

Most photographs are contemporary with the production of the vehicles pictured, and appear to have originated as part of the corporation’s records. A few photographs are of Doble cars at a date much later in the 20th century, and were presumably added to the collection by a family member.

Photographs by various professional photographers are present. Many are by Roy A. Williams or the C.L Huntington Photographic Corporation (both of Oakland, Calif.), with others by Morton & Co. (San Francisco, Calif.) and C.K. “Jack” Frost (Oakland, Calif.) A few images are by Eduard Hohmann (Berlin, Germany).
Series 1 Steam automobile photograph albums (bulk 1917-1930) BANC PIC 1961.009--ALB

Physical Description: 3 albums (198 photographic prints)

Scope and Content Note
Photograph albums, apparently compiled by the Doble Steam Motors Corporation or one of the Doble brothers, to promote or document their automobiles. Includes views of chassis, engine parts, completed automobiles, and factories. Many photographs of design drawings are also present. There is considerable duplication of images between the albums. Related and duplicate views are also present in the other series in this finding aid.

Volume 1 BANC PIC 1961.009--ALB v. 1 ark:/28722/bk000431237
Physical Description: 1 album (135 photographic prints)

Volume 2 BANC PIC 1961.009--ALB v. 2 ark:/28722/bk00043124s
Physical Description: 1 album (36 photographic prints)

Volume 3 BANC PIC 1961.009--ALB v. 3 ark:/28722/bk00043125b
Physical Description: 1 album (27 photographic prints)

Series 2 Doble steam automobiles and engines (bulk ca. 1912-ca. 1931) BANC PIC 1961.008:01-71--PIC

Physical Description: 84 photographic prints.

Scope and Content Note
Photographs of Doble steam engines, engine parts, and automobile parts, arranged by library staff into three groups. “Early models” are those autos manufactured or designed by the Dobles prior to the formation of the Doble Steam Motors Corporation in 1920. Doble Steam Motors automobiles are pictured in the grouping bearing that name, and the grouping titled “Steam engines and parts” includes all engine and auto parts, presumably or explicitly by Doble. Many related images are found in the albums, described separately in this finding aid. Views relating to engines and vehicles produced by other companies as part of the Doble brothers’ consulting work are included in a separate series.

Subseries 2.1 Early models BANC PIC 1961.008:01-05--PIC
Physical Description: 8 photographic prints.

Warren at the wheel and Bill Doble in their steam car in 1912 1912
BANC PIC 1961.008:1--PIC ark:/13030/kt3b69q2gc
Physical Description: 1 photographic print.

Car made in Waltham Doble Model "A" BANC PIC 1961.008:2--PIC ark:/13030/kt3v19q1vv
Physical Description: 1 photographic print.

Additional Note
Photographer’s number: 941.

Car made in Waltham Doble Model "A" BANC PIC 1961.008:3--PIC ark:/13030/kt500020m4
Physical Description: 1 photographic print.

Additional Note
Photographer’s number: 941.

Doble in driver’s seat of a model in front of houses, side view
BANC PIC 1961.008:4--PIC ark:/13030/kt9779q65v
Physical Description: 1 photographic print.
White Model, side view BANC PIC 1961.008:5a--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Not selected for digitization: White Model not by Doble.

White Model, three quarter view BANC PIC 1961.008:5b--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Not selected for digitization: White Model not by Doble.

White Model dashboard, side view BANC PIC 1961.008:5c--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Not selected for digitization: White Model not by Doble.

White Model dashboard, top view BANC PIC 1961.008:5d--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Not selected for digitization: White Model not by Doble.

Subseries 2.2 Doble Steam Motors Corporation BANC PIC 1961.008:06-44--PIC
  Physical Description: 41 photographic prints.

Cox-stock promoter 1920-1921 BANC PIC 1961.008:06a--PIC ark:/13030/kt3z09q244
  Physical Description: 1 photographic print.

Doble five passenger sedan with women, front three quarter view ca. 1920-1921
BANC PIC 1961.008:06b--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate Available: 1961.009 ALB v.1: 124

Doble five passenger sedan with driver and passenger, side view
BANC PIC 1961.008:07--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.3.

Doble five passenger sedan in front of estate, front three quarter view 1920-1921
BANC PIC 1961.008:08--PIC ark:/28722/bk00043126w
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate also available in v.3.

Doble Model E-21, side view BANC PIC 1961.008:09--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.2.
  Additional Note
  Photographer's number: 1520 d.
Doble steam car delivered May 1924, Model [E] 21, taken at Los Altos 1924
BANC PIC 1961.008:10--PIC
  Physical Description: 1 photographic print.

Doble steam car, Model E-21 BANC PIC 1961.008:11--PIC
  Physical Description: 1 photographic print.
  Acquisition Information:
  Photograph sent to Bancroft Library, by Mr. Leslie W. Hills, at the suggestion of Mr. Warren Doble.

  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 8537 3.

Harrison Street factory interior BANC PIC 1961.008:13--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.2.
  Photographer's number: 8537 2.

  Physical Description: 1 photographic print.
  Duplicate available in v.1.
  Photographer's number: 10153 1

Doble-Simplex (1923-1924) "Jordan" chassis, 3 "Borex 3" Stroke 4 cylinder V, Single-Acting. Poppet-Valves & Sliding-Cam-Shaft 1923-1924
BANC PIC 1961.008:15--PIC
  Physical Description: 1 photographic print.
  Photographer's number: 10153 2.

Doble-Simplex (1923-1924) "Jordan" chassis, dashboard BANC PIC 1961.008:16--PIC
  Photographer's number: 10153 2.

Doble-Simplex (1923-1924) "Jordan" chassis, three quarter view BANC PIC 1961.008:17--PIC
  Photographer's number: 10153 3.
Doble Model F-30, three quarter view BANC PIC 1961.008:18--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 17.

E-14 belonging to Dr. Seely G. Mudd BANC PIC 1961.008:19--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.2.
Additional Note
Photographer's number: 2430 c.

E-15 belonging to Mr. Schenck BANC PIC 1961.008:20--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.2.

E-16 India, front view 1924 BANC PIC 1961.008:21--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1347 e.

E-16 India, front view 1924 BANC PIC 1961.008:22--PIC

Physical Description: 1 photographic print.
Additional Note
Additional Note
Photographer's number: 1347 e.

E-16 India, side view 1924 BANC PIC 1961.008:23--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.3.
Additional Note
Photographer's number: 1347 f.

E-16 India, side view 1924 BANC PIC 1961.008:24--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1347 b.

E-16 India, rear view 1924 BANC PIC 1961.008:25--PIC

Physical Description: 1 photographic print.
Additional Note
Additional Note
Photographer's number: 1347 d.
E-16 India, bottom view 1924 BANC PIC 1961.008:26--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.3.
Additional Note
Photographer's number: 1347 c.

E-16 India, rear view 1924 BANC PIC 1961.008:27--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1347 d.

E-16 India, side view 1924 BANC PIC 1961.008:28--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.3.
Additional Note
Photographer's number: 1347 b.

E-12 belonging to Mr. Hills, side view BANC PIC 1961.008:29--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1295 a.

E-12 belonging to Mr. Hills, front view BANC PIC 1961.008:30--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1295 c.

Doble Model E-20, side view BANC PIC 1961.008:31--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.2.
Additional Note
Photographer's number: 1601 a.

Doble E 24 in Harrah's Automobile Collection, Reno, Nev. 1963 1963
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 42 3 [Polaroid].

This snapshot was taken in Hyde Park in London in 1935, this was as it looked originally before being repainted. 1935 BANC PIC 1961.008:33--PIC
Physical Description: 1 photographic print.
Doble model, side view BANC PIC 1961.008:34--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate available in v.3.
   Additional Note
   Photographer's number: 1783 a

Doble model E-24, side view BANC PIC 1961.008:35--PIC  ark:/13030/kt4c6020qf
   Physical Description: 1 photographic print.

Doble in the driver's seat BANC PIC 1961.008:36--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate available in v.3.
   Additional Note
   Photographer's number: 9660 3.

F-30 belonging to Marcus Lothrop BANC PIC 1961.008:37--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate available in v.2.
   Additional Note
   Photographer's number: 2469.

Doble model, side view BANC PIC 1961.008:38--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate available in v.3.
   Additional Note
   Photographer's number: 2103 a.

Doble car made for Oscar Henschel BANC PIC 1961.008:39--PIC  ark:/13030/kt25801755
   Physical Description: 1 photographic print.

Reichsgeneral Herman Goering and Prince Phillip in Oscar Henschel's Dobel Model at Kassel 1933 BANC PIC 1961.008:40 c.1--PIC  ark:/13030/kt2m3nc444
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 21985.

Reichsgeneral Herman Goering and Prince Phillip in Oscar Henschel's Dobel Model at Kassel 1933 BANC PIC 1961.008:40 c.2--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 21985.
   Additional Note
**Doble model, side view** BANC PIC 1961.008:41--PIC  
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 1867.

**Doble model, side view** BANC PIC 1961.008:42--PIC  
Physical Description: 1 photographic print.

**Detroit Motorbus Co. (Steam power unit manufactured by Doble steam Motors, Emeryville)** BANC PIC 1961.008:43--PIC  
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 2103 b.

**Doble model H-28 motorbus 1929** BANC PIC 1961.008:44--PIC  
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 2370.

**Subseries 2.3 Steam engines and parts** BANC PIC 1961.008:44-71--PIC
Physical Description: 35 photographic prints.

**Engine and rear axle assembly G-M Motorbus 1929** BANC PIC 1961.008:045--PIC  
Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.2.
Additional Note
Photographer's number: 2355

**Doble boiler in factory 1931** BANC PIC 1961.008:046--PIC  
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 57.
Additional Note
Researcher-supplied information: this image is identified by the Virtual Steam Car Museum as "F-head engine for Henschel & Sons [i.e. Henschel & Sohn] gear ratio."

**Doble factory with chassis** BANC PIC 1961.008:047--PIC  
Physical Description: 1 photographic print.

**Doble factory with worker and parts** BANC PIC 1961.008:048--PIC  
Physical Description: 1 photographic print.
Photographer's number: A22.

**Doble factory with grill and parts** BANC PIC 1961.008:049--PIC  
Physical Description: 1 photographic print.
**Doble auxiliary engine in factory** BANC PIC 1961.008:050--PIC

  ark:/13030/k11q501754

  Physical Description: 1 photographic print.
  
  Additional Note

  Photographer's number: 39.

**Doble gauges and instruments, front view** BANC PIC 1961.008:051--PIC

  ark:/13030/k160001985

  Physical Description: 1 photographic print.
  
  Additional Note

  Photographer's number: 42.

**Doble steam generator, side view** BANC PIC 1961.008:052--PIC

  ark:/13030/k16k40208n

  Physical Description: 1 photographic print.
  
  Additional Note

  Photographer's number: 2062.

**Doble steam generator, front view** BANC PIC 1961.008:053--PIC

  Physical Description: 1 photographic print.
  
  Additional Note

  Duplicate available in v.2.
  
  Additional Note

  Photographer's number: 2427 a.

**Doble E auxiliary unit assembly, front view** BANC PIC 1961.008:054 c.1--PIC

  Physical Description: 1 photographic print.
  
  Additional Note

  Duplicate available in v.3.
  
  Additional Note

  Photographer's number: 1269.

**Doble E auxiliary unit assembly, front view** BANC PIC 1961.008:054 c.2--PIC

  Physical Description: 1 photographic print.
  
  Additional Note

  Duplicate available in v.3.
  
  Additional Note

  Photographer's number: 1269 a.

**Doble boiler, side view** BANC PIC 1961.008:055--PIC

  ark:/13030/k14489q1sj

  Physical Description: 1 photographic print.
  
  Additional Note

  Photographer's number: 2054.

**Doble E engine, differential, and rear axle assemblies, front view** BANC PIC 1961.008:056 c.1--PIC

  Physical Description: 1 photographic print.
  
  Additional Note

  Duplicate available in v.3.
  
  Additional Note

  Photographer's number: 1269 b.
Doble E engine, differential, and rear axle assemblies, front view
BANC PIC 1961.008:056 c.2--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.3.
  Additional Note
  Photographer's number: 1269 b.

Doble E engine, differential, and rear axle assemblies, front view
BANC PIC 1961.008:056 c.3--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.3.
  Additional Note
  Photographer's number: 1269 b.

Doble compound engine 3 1/2-6 x 8 drawing 1921 BANC PIC 1961.008:057--PIC
  ark:/13030/kt0f59p8wr
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 7767 3.

Doble brake assembly drawing BANC PIC 1961.008:058--PIC
  ark:/13030/kt6t1nc5ft
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 1392 b.

Doble compound engine drawing BANC PIC 1961.008:059--PIC
  ark:/13030/kt8290212c
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 1322.

Doble brake assembly drawing BANC PIC 1961.008:060--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 1392 b.
  Additional Note

Doble double compound engine assembly, 4 cylinder compound Type E-1 1923
BANC PIC 1961.008:061--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Duplicate available in v.2.

Doble axle drive assembly, rear view BANC PIC 1961.008:062--PIC
  ark:/13030/kt13j49q1tc
  Physical Description: 1 photographic print.
Doble axle drive assembly, rear view BANC PIC 1961.008:063--PIC
[ark:/13030/kt7000200f]
Physical Description: 1 photographic print.

Doble cylinder casing, front view BANC PIC 1961.008:064--PIC
[ark:/13030/k1t1nc21m]
Physical Description: 1 photographic print.

Doble axle drive assembly, three quarter view BANC PIC 1961.008:065--PIC
[ark:/13030/kt3779q121]
Physical Description: 1 photographic print.

Doble compensator E-1-623 BANC PIC 1961.008:066--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate available in v.2.
Additional Note
Photographer’s number: 1859 b.

Doble auxiliary unit assembly drawing 1924 BANC PIC 1961.008:067 c.1--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer’s number: 1827 c.
Additional Note

Doble auxiliary unit assembly drawing 1924 BANC PIC 1961.008:067 c.2--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer’s number: 1827 c.
Additional Note

Doble radiator assembly drawing 1922 BANC PIC 1961.008:068--PIC
[ark:/13030/k1t7b6q380]
Physical Description: 1 photographic print.
Additional Note
Photographer’s number: 8494 3.

Doble compensator assembly drawing 1924 BANC PIC 1961.008:069--PIC
[ark:/13030/k17870212c]
Physical Description: 1 photographic print.
Additional Note
Photographer’s number: 1384 g.

F Model auxiliary engine BANC PIC 1961.008:070 c.1--PIC
[ark:/28722/bk00043127f]
Physical Description: 1 photographic print.
Additional Note
Photographer’s number: A20.
F Model auxiliary engine BANC PIC 1961.008:070 c.2--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: A20.
   Duplicate.

F Model auxiliary engine BANC PIC 1961.008:070 c.3--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: A20.

Warren Doble with F model auxiliary engine BANC PIC 1961.008:071 c.1--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: A20.

Warren Doble with F model auxiliary engine BANC PIC 1961.008:071 c.2--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: A20.
   Additional Note

Warren Doble with F model auxiliary engine BANC PIC 1961.008:071 c.3--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: A20.
   Additional Note

Series 3 Consulting (bulk 1930-1935) BANC PIC 1961.008--PIC
   Physical Description: 97 photographic prints.
   Scope and Content Note
   Photographs related to companies with whom Abner Doble and/or Warren Doble acted as consulting engineer or with whom they had business relationships. Includes A. & G. Price (New Zealand), Henschel & Sohn (Germany), and Sentinel Waggon Works (Great Britain). Chiefly views of vehicles (buses, trucks, boats, locomotives, and railway cars) which used parts developed by Doble.

Subseries 3.1 A. & G. Price BANC PIC 1961.008--PIC
   Physical Description: 3 photographic prints.
   Additional Note
   Images from this series were not selected for digitization.

   Physical Description: 1 photographic print.

Physical Description: 1 photographic print.

Doble bus, side view [G-M Bus, Emeryville, California], BANC PIC 1961.008:074--PIC

Physical Description: 1 photographic print.

Additional Note
Duplicate available in v.3:01. This print mis-filed with A.G. Price (New Zealand) bus snapshots; not New Zealand.

Additional Note
Photographer's number: 1919.

Subseries 3.2 Henschel & Sohn BANC PIC 1961.008--PIC

Physical Description: 66 photographic prints.

Indexing Terms
Hohmann, Eduard J

Henschel boiler BANC PIC 1961.008:075--PIC

Physical Description: 1 photographic print.

Henschel boiler, top view BANC PIC 1961.008:076--PIC

Physical Description: 1 photographic print.

Henschel boiler BANC PIC 1961.008:077 c.1--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3866.

Henschel boiler BANC PIC 1961.008:077 c.2--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3866.

Henschel boiler BANC PIC 1961.008:078--PIC

Physical Description: 1 photographic print.

Firebox coil BANC PIC 1961.008:079--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3867.

Henschel boiler BANC PIC 1961.008:080--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3868.

Henschel boiler BANC PIC 1961.008:081--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3868.
Herr Imfeld, Warren Doble and Oscar Henschel on a boat
BANC PIC 1961.008:082 c.1--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 21983.

Herr Imfeld, Warren Doble and Oscar Henschel on a boat
BANC PIC 1961.008:082 c.2--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 21983.

Herr Imfeld, Warren Doble and Oscar Henschel on a boat
BANC PIC 1961.008:082 c.3--PIC
  ark:/28722/bk001532h5b
  Physical Description: 1 photographic print.
  Scope and Content Note
  Includes factory in background.

Herr Imfeld, Warren Doble and Oscar Henschel on a boat [close up]
BANC PIC 1961.008:083--PIC
  ark:/28722/bk001532h6w
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 20a.

Henschel boat with driver, three quarter view
BANC PIC 1961.008:084--PIC
  ark:/28722/bk001532h7f
  Physical Description: 1 photographic print.

Henschel boat with driver, three quarter view
BANC PIC 1961.008:085--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 13.

Henschel boat with driver, side view
BANC PIC 1961.008:086--PIC
  Physical Description: 1 photographic print.

Henschel boat with driver and passenger, side view
BANC PIC 1961.008:087--PIC
  Physical Description: 1 photographic print.

Henschel boat with driver and passenger, side view
BANC PIC 1961.008:088--PIC
  ark:/28722/bk001532h80
  Physical Description: 1 photographic print.

Henschel boat docked, front view
BANC PIC 1961.008:089--PIC
  Physical Description: 1 photographic print.

Henschel boat docked, side view
BANC PIC 1961.008:090--PIC
  Physical Description: 1 photographic print.

Henschel boat docked, three quarter view
BANC PIC 1961.008:091--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 17.
**Henschel boat docked, three quarter view** BANC PIC 1961.008:092--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 8.

**Henschel boat interior, three quarter view** BANC PIC 1961.008:093--PIC

Physical Description: 1 photographic print.

**Henschel boat steering wheel and dashboard** BANC PIC 1961.008:094--PIC ark:/28722/bk001532h9j

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 12.

**Henschel boat hull with engine assembly, installed view** BANC PIC 1961.008:095--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 3.

**Henschel boat engine assembly, installed view [close up]**

BANC PIC 1961.008:096--PIC ark:/28722/bk001532j03

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 5.

**Henschel boat engine assembly, installed view**

BANC PIC 1961.008:097--PIC ark:/28722/bk001532j1n

Physical Description: 1 photographic print.

**Henschel boat engine assembly, installed view**

BANC PIC 1961.008:098--PIC ark:/28722/bk001532j26

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 10.

**Henschel boat engine assembly, installed view** BANC PIC 1961.008:099--PIC

Physical Description: 1 photographic print.

**Henschel boat hull with engine assembly, installed view**

BANC PIC 1961.008:100--PIC ark:/28722/bk001532j3r

Physical Description: 1 photographic print.

**Henschel boat in factory, three quarter view** BANC PIC 1961.008:101--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 4.

**Henschel boat rudder and propeller** BANC PIC 1961.008:102--PIC

Physical Description: 1 photographic print.

Additional Note
Photographer's number: 7.
Henschel switching locomotive (Doble Flash Power) BANC PIC 1961.008:103--PIC
   Physical Description: 1 photographic print.

Henschel rail car BANC PIC 1961.008:104--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :105.
   Additional Note
   Photographer's number: 3951.

Henschel rail car BANC PIC 1961.008:105--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :104.
   Additional Note
   Photographer's number: 3951. (or 3957).

Henschel rail car BANC PIC 1961.008:106--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 3904.

Henschel 300 Hp rail-car (Doble Flash Power) BANC PIC 1961.008:107--PIC
   ark:/28722/bk001532j49
   Physical Description: 1 photographic print.
   Additional Note

Power truck (Doble engines) for Henschel rail-car BANC PIC 1961.008:108--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 3950.
   Additional Note
   Duplicate of :110 c.1 and 110 c.2.

Henschel 300 Hp rail-car (Doble Flash Power) BANC PIC 1961.008:109--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :107.

Power truck (Doble engines) for Henschel rail-car BANC PIC 1961.008:110 c.1--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :108.
   Additional Note
   Photographer's number: 3950.
**Power truck (Doble engines) for Henschel rail-car** BANC PIC 1961.008:110 c.2--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :108.
Additional Note
Photographer's number: 3950.

**Henschel rail car** BANC PIC 1961.008:111--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :112.
Additional Note
Photographer's number: 3969.

**Henschel rail car** BANC PIC 1961.008:112--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :111.
Additional Note
Photographer's number: 3969.

**Henschel rail car with Imfeld, Doble, Roosan, and Associates** BANC PIC 1961.008:113--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 3970.

**Henschel rail car with Imfeld and Associates** BANC PIC 1961.008:114--PIC

Physical Description: 1 photographic print.

**Henschel rail car** BANC PIC 1961.008:115--PIC

Physical Description: 1 photographic print.
Additional Note

**Henschel rail car** BANC PIC 1961.008:116 c.1--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :115.

**Henschel rail car** BANC PIC 1961.008:116 c.2--PIC

Physical Description: 1 photographic print.

**Henschel first rail car** BANC PIC 1961.008:117--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 21984.

**Henschel bus, three quarter view** BANC PIC 1961.008:118--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 4695
Henschel bus engine, installed view  BANC PIC 1961.008:119--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4694.

Henschel bus boiler, installed view  BANC PIC 1961.008:120--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4692.

Henschel bus boiler, installed view  BANC PIC 1961.008:121--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4691.

Henschel bus with passengers, side view.  BANC PIC 1961.008:122--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4602.

Henschel bus with driver, side view  BANC PIC 1961.008:123--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4600.

Henschel trucks (Doble Flash Steam Power)  BANC PIC 1961.008:124--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :127.
   Photographer's number: 8043e.

Henschel trucks, three quarter view  BANC PIC 1961.008:125--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :128.
   Photographer's number: 8043d.

Henschel trucks (Doble Flash Power); German State Railway  BANC PIC 1961.008:126--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :132.
   Photographer's number: 8021.
Henschel trucks (Doble Flash Steam Power) BANC PIC 1961.008:127--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :124.
   Additional Note
   Photographer's number: 8043e.

Henschel truck (Doble Flash Steam Power) BANC PIC 1961.008:128--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :125.
   Additional Note
   Photographer's number: 8043d.

Henschel truck chassis, top view 1947 BANC PIC 1961.008:129--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 8042.

Henschel bus chassis, side view BANC PIC 1961.008:130--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 4812.

Henschel bus 1947 BANC PIC 1961.008:131--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 8230.

Henschel truck (Doble Flash Power); German State Railway BANC PIC 1961.008:132--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 8021.
   Additional Note
   Duplicate of :126.

Henschel bus (Doble steam power) BANC PIC 1961.008:133--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 8230a.

In a Henschel bus (Doble). Flash steam Power-Unit. BANC PIC 1961.008:134--PIC
   Physical Description: 1 photographic print.

Henschel trucks (Doble Flash Steam Power) in the service of the German State Railway BANC PIC 1961.008:135--PIC
   Physical Description: 1 photographic print.
   Additional Note
   Photographer's number: 8043.
Subseries 3.3 Sentinel Waggon Works
BANC PIC 1961.008--PIC

   Physical Description: 28 photographic prints.
   Additional Note
   Images from this series were not selected for digitization.

Sentinel-Doble compound railway engine, front view
BANC PIC 1961.008:136--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine, rear view
BANC PIC 1961.008:137--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine, front view
BANC PIC 1961.008:138--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine, front view
BANC PIC 1961.008:139--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine component, front view
BANC PIC 1961.008:140--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine component, side view
BANC PIC 1961.008:141--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine component, front view
BANC PIC 1961.008:142--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine, three quarter view
BANC PIC 1961.008:143--PIC

   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :146.

Sentinel-Doble compound railway engine, three quarter view
BANC PIC 1961.008:144--PIC

   Physical Description: 1 photographic print.

Sentinel-Doble compound railway engine, three quarter view
BANC PIC 1961.008:146--PIC

   Physical Description: 1 photographic print.
   Additional Note
   Duplicate of :143.
Sentinel railway car, three quarter view
BANC PIC 1961.008:147--PIC
Physical Description: 1 photographic print.

Sentinel rail car, three quarter view
BANC PIC 1961.008:148--PIC
Physical Description: 1 photographic print.

Sentinel rail car, three quarter view
BANC PIC 1961.008:149--PIC
Physical Description: 1 photographic print.

Sentinel locomotive boiler for testing, side view
BANC PIC 1961.008:150--PIC
Physical Description: 1 photographic print.

Sentinel locomotive boiler for testing, side view
BANC PIC 1961.008:151--PIC
Physical Description: 1 photographic print.

Sentinel locomotive boiler for testing, side view
BANC PIC 1961.008:152--PIC
Physical Description: 1 photographic print.

Rail car chassis with Doble engine. Built by Sentinel Waggon Works.
BANC PIC 1961.008:153--PIC
Physical Description: 1 photographic print.

Narrow gauge loco[motive] by Sentinel Waggon Works.
BANC PIC 1961.008:154--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate of :159.
Additional Note
Photographer's number: 4.

Switching Loco[motive] by Sentinel Waggon Works with Doble engine and boiler.
BANC PIC 1961.008:155--PIC
Physical Description: 1 photographic print.
Additional Note
Photographer's number: 2.

200 HP Switching engine by Sentinel Waggon Works-England powered by Doble engine and boiler.
BANC PIC 1961.008:156--PIC
Physical Description: 1 photographic print.
Additional Note
Duplicate of :158.
Additional Note
Photographer's number: 1.
**Sentinel Switching locomotive, three quarter view**
BANC PIC 1961.008:157--PIC

Physical Description: 1 photographic print.

**Doble Flash Steam Power built by Sentinel Waggon Works, Shrewsbury, England**
BANC PIC 1961.008:158--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :156.

**6 Doble engines built by Sentinel Waggon Works, Shrewsbury, England**
BANC PIC 1961.008:159--PIC

Physical Description: 1 photographic print.
Additional Note
Duplicate of :154.

**Truck by Sentinel Waggon Works Shrewsbury England powered with Doble steam engine.**
BANC PIC 1961.008:160--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number: 3.

**Sentinel lorry, three quarter view**
BANC PIC 1961.008:161--PIC

Physical Description: 1 photographic print.

**Sentinel lorry, three quarter view**
BANC PIC 1961.008:162--PIC

Physical Description: 1 photographic print.

**Sentinel lorry, side view**
BANC PIC 1961.008:163--PIC

Physical Description: 1 photographic print.

**Sentinel-Doble lorry; Lakelin driving 1933**
BANC PIC 1961.008:164--PIC

Physical Description: 1 photographic print.
Additional Note
Photographer's number:

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**Series 4 Family 1898-ca. 1960**
BANC PIC 1961.008--PIC

Physical Description: 4 photographic prints.

Scope and Content Note
Unidentified snapshots of family activities.

**Unidentified group (family?) portrait, children on the prow of a boat May 1898**
BANC PIC 1961.008:165--PIC

Physical Description: 1 photographic print.
Unidentified group (family?) portrait, children on the prow of a boat 1898
BANC PIC 1961.008:166--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 97.

Unidentified group (family?) portrait, in front of brick building ca. 1935?
BANC PIC 1961.008:167--PIC
  Physical Description: 1 photographic print.

Unidentified group (family?) portrait, fourth birthday ca. 1960?
BANC PIC 1961.008:168--PIC
  Physical Description: 1 photographic print.
  Additional Note
  Photographer's number: 056.