

# Bartlett Hayward Company Photograph Collection, PP229

Finding Aid to the Bartlett Hayward Company Photograph Collection, PP229

H. Furlong Baldwin Library, Maryland Historical Society

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## Collection summary

Title	Bartlett Hayward Company Photograph Collection
Call number	PP229
Inclusive dates	Ca 1917-1919; 1923
Extent	2 boxes
Abstract	The Bartlett Hayward Company Photograph Collection consists of photograph albums related to the Bartlett Hayward Company manufacturing for the defense industry during World War I.

## Administrative summary

Repository	H. Furlong Baldwin Library Maryland Historical Society 201 W. Monument St. Baltimore, MD 21201 <a href="http://www.mdhs.org">www.mdhs.org</a> <a href="mailto:specialcollections@mdhs.org">specialcollections@mdhs.org</a>
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Provenance	Gift of Mr. Charles Ferner, Koppers Company, September 1976
Accession number	Acc# 72389
Processing note	Processed begun ca 2000s; Processing completed by Damon Talbot, April 2018

### Historical Note

The Bartlett-Hayward Company of Baltimore, Maryland, was started in 1840 as Hayward and Company and was founded by stove manufacturers George Hayward and brothers Jonas and Nehemiah. In 1846, Hayward and Company purchased Latrobe Stove Foundries. Shortly after, this led to the adding of Thomas Bartlett to the renaming of the company to Bartlett-Hayward & Co. The company frequently changed its name over the course of its existence.

The Baltimore-based company eventually became a leading manufacturer all over the country during the late nineteenth and early twentieth centuries. It expanded into the foundry, machinery, erection, gasholder, and engineering fields and became known for elaborate architectural ironwork. Among Bartlett-Hayward & Co.'s more famous works include the architectural ironwork of the United States Capitol, the State House in South Carolina, and the interior of the Peabody Library of Baltimore. In 1927, Bartlett-Hayward & Co. merged with the Koppers Company, a diversified manufacturing corporation that was based in Pittsburgh, Pennsylvania.

### Scope and Content

The Bartlett Hayward Company Photograph Collection consists of 2 boxes of 4 photograph albums. The albums contain 363 photographs depicting various operations at the Bartlett Hayward factory during World War I. There are many photographs of women plant workers.

#### Album 1

154 photographs of time fuse production during World War I.

#### Album 2

Duplicate of Album 1

(Album 2 is presumed to be a copy of Album 1. Album 1 was probably the original sent to Washington and later returned.)

### Album 3

47 photographs are listed in index are 25 photographs are contained in the album. Photographs are of production of 4.7" shrapnel and bullets. The last thirteen photographs listed in index are contained on pages 37-51. There are 12 additional photographs in the back.

### Album 4

*Loading Mark III 'A' Fuses Practice of the Bartlett Hayward Comp Baltimore, Md., Prepared in the Baltimore District Ordnance Office April 1923.*

A loose-leaf notebook prepared by the Baltimore District Ordnance Office (April 1923) on the Procedure followed by the Bartlett Hayward Co. in loading Mark III 'A' Fuses. Contained in the notebook is a brief description of the Mark III 'A' Fuse, its operation, and the differences between it and similar fuses. In addition to photographs, the notebook also contains descriptions of safety and security precautions, plant layout and changes recommended by the Bartlett Hayward Co.

### Container List

Description	Date	Photographer	Format	Image ID	Box
<b>Album 1</b>					Box 1
Powder Blend	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.01a - .12a	Box 1
Powder Season	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.13a - .16a	Box 1
Stock Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.17a - .20a	Box 1
Graduating Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.21a - .22a	Box 1
Wash Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.23a - .27a	Box 1
Analine Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.28a - .43a	Box 1
Primer Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.44a - .68a	Box 1
Press Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.69a - .76a	Box 1

Test the Train	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.77a	Box 1
Lathe Room	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.78a - .80a	Box 1
Drill Press Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.81a - .95a	Box 1
Groove Cover Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.96a - .100a	Box 1
Pellet Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.101a - .102a	Box 1
Glue Rings	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.103a - .112a	Box 1
Glue Body	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.113a - .120a	Box 1
Assembly Percussion Plunger	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.121a	Box 1
Assemble Body	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.122a - .133a	Box 1
Inspect Rings	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.134a - .135a	Box 1
Assembly Fuse	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.136a - .143a	Box 1
Polishing Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.144a - .148a	Box 1
Torque Department	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.149a - .152a	Box 1
Laboratory	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.153a - .155a	Box 1
<b>Album 2 (Duplicate of Album 1)</b>	ca 1917 - 1919	Unidentified	Gelatin silver prints	PP229.01b - .155b	Box 1
<b>Album 3</b>					Box 2
Stenciling powder lot number on Cartridge case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.156	Box 2

Burnish inside of case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.157	Box 2
Insert cartridge case primer	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.158	Box 2
Stamp ammunition lot number on cartridge case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.159	Box 2
Weigh smokeless powder charge and pour into case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.160	Box 2
solder diaphragm into case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.161	Box 2
Base charge shrapnel	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.162	Box 2
Base charge shrapnel	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.163	Box 2
Crimp fuse protecting cover to shrapnel	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.164	Box 2
Assemble shrapnel to case	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.165	Box 2
Gauge complete round	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.166	Box 2
Putting round into packing box	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.167	Box 2
Fastening lid to box	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.168	Box 2
Bullet Shop - lead pile in yard outside of shop	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.169	Box 2
Bullet Shop - lead pile for melting lead and antimony together	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.170	Box 2
Bullet Shop - slug mould	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.171	Box 2
Bullet Shop - slugs of lead and antimony	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.172	Box 2
Bullet Shop - compressed air elevator	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.173	Box 2
Bullet Shop - extruding press (hydraulic)	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.174	Box 2

Bullet Shop - Pump for hydraulic press	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.175	Box 2
Bullet Shop - Reels for winding up lead rope	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.176	Box 2
Bullet Shop - Travelling differential pulley for moving reels	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.177	Box 2
Bullet Shop - Stamping press (feed side)	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.178	Box 2
Bullet Shop - Stamping machine (output)	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.179	Box 2
Bullet Shop - Tumbler - for finishing bullets	ca 1917 - 1919	Unidentified	Gelatin silver print	PP229.180	Box 2
<b>Album 4</b>					Box 2
<i>Loading Mark III 'A' Fuses Practice of the Bartlett Hayward Comp Baltimore, Md., prepared in the Baltimore District Ordnance Office April 1923.</i>	1923	Unidentified	Gelatin silver prints	PP229.181 - 208	Box 2