

What are these inventions which have shaped American life?



2



1



4



3

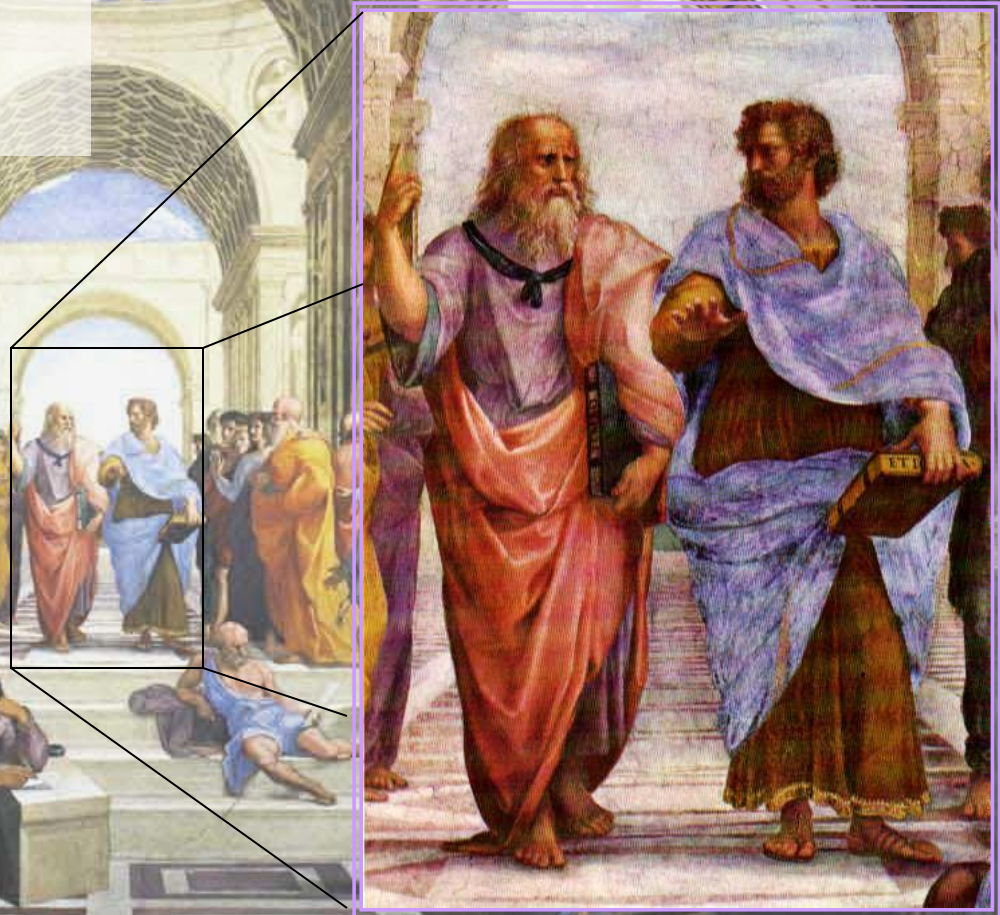


“Live as if you were to die tomorrow.
Learn as if you were to live forever.”

- Gandhi

“Necessity is the mother of invention”

Plato



Five main causes for industrial growth
during the second half of the 1800s



Railroads

5



Inventions

4

A large, bold black number '4' is centered on the page. Behind it is a faded, semi-transparent image of a mechanical device, likely a steam engine or pump, with various pipes, valves, and a cylindrical tank. The entire scene is framed by a white circular border. A diagonal black line runs from the top-left corner towards the center, and a vertical black line runs through the center of the page.

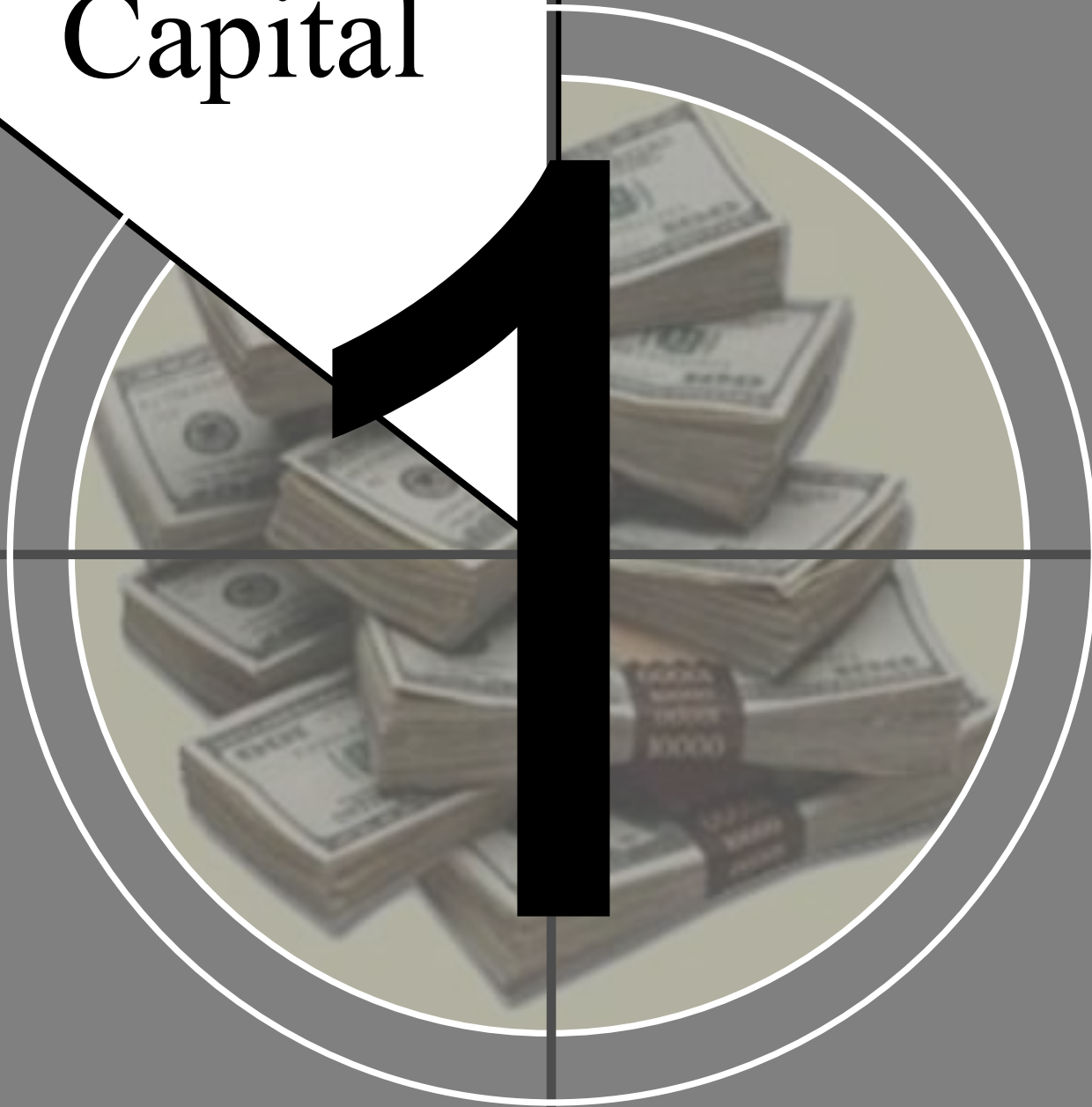
Natural
Resources



Human labor
and talent



Capital



Tall Tower Exhibition

Materials

- 1 sheet of paper
- 1 pair of scissors
- 10 inches of masking tape
- 3 inventors in a group
- 10 minutes to work

Who can design and
construct the tallest
tower?

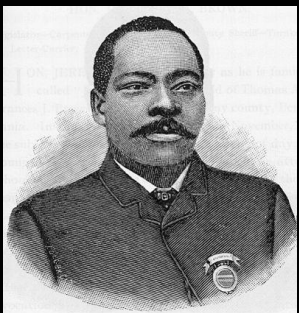
Tower must be
free-standing...



Prominent Inventions

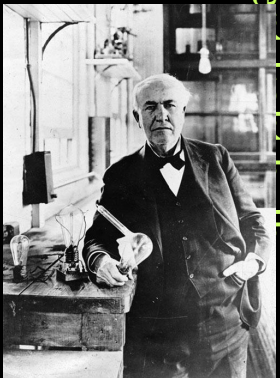
from 1860-1890

1887 – Granville T. Woods
created a telegraph to work
on trains



1890

1879 – Thomas Edison
makes the first
incandescent light bulb



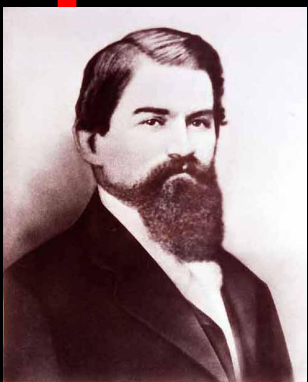
1880

1876 – Alexander Graham
Bell invents the telephone



1870

1885 – John S. Pemberton
introduces a new drink:
Coca-Cola



1877 – Felix Hoffman
produces aspirin



1866 – Alfred Nobel
creates dynamite

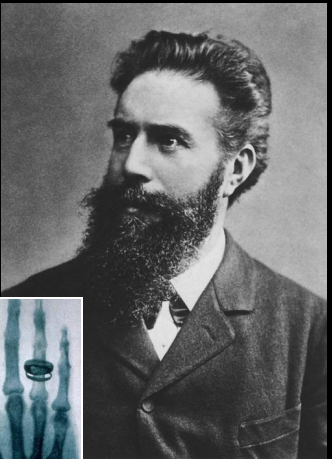


1860

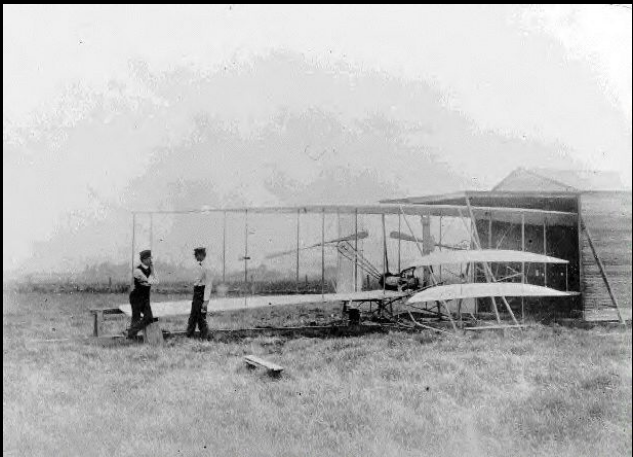


Prominent Inventions from 1891-1920

1895 – Wilhelm Roentgen
discovers x-rays



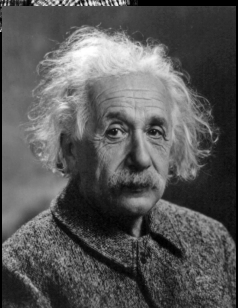
1903 – Wilbur and Orville
Wright build first airplane



1910

Philadelphia Exhibition

1905 – Albert Einstein
introduces $E=mc^2$ theory

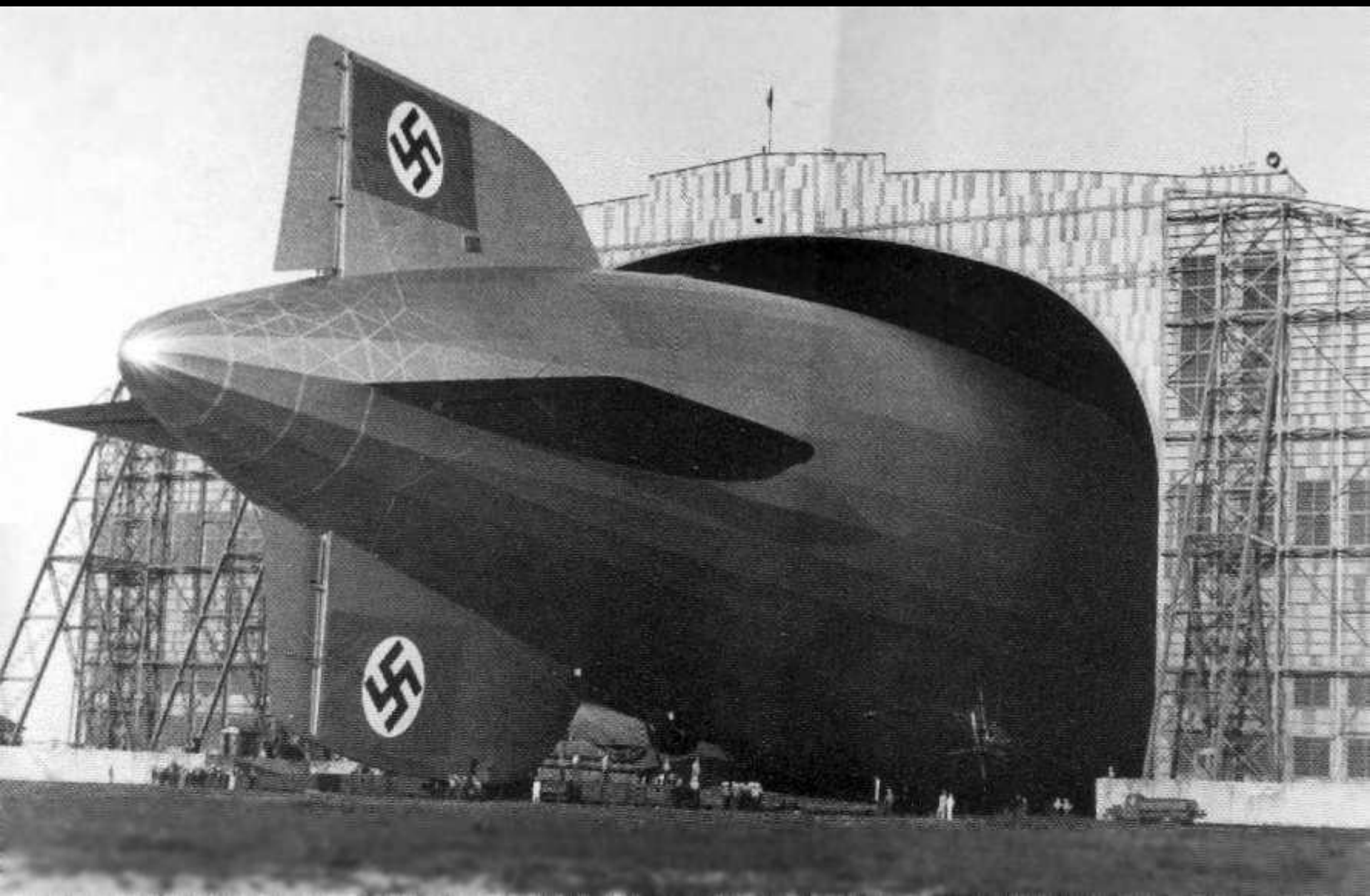


1900 – Ferdinand Zepelin
introduces the zeppelin

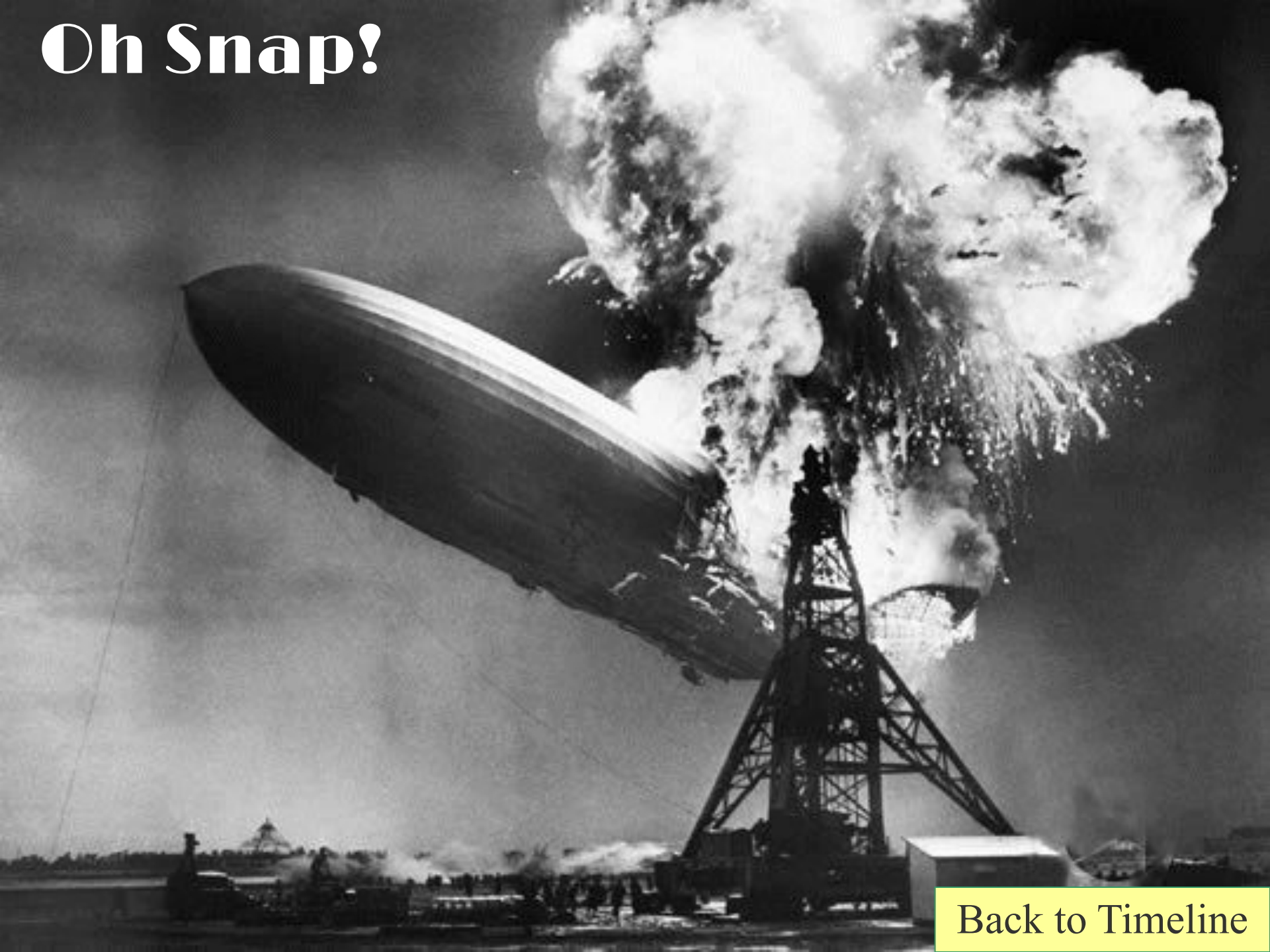


1890

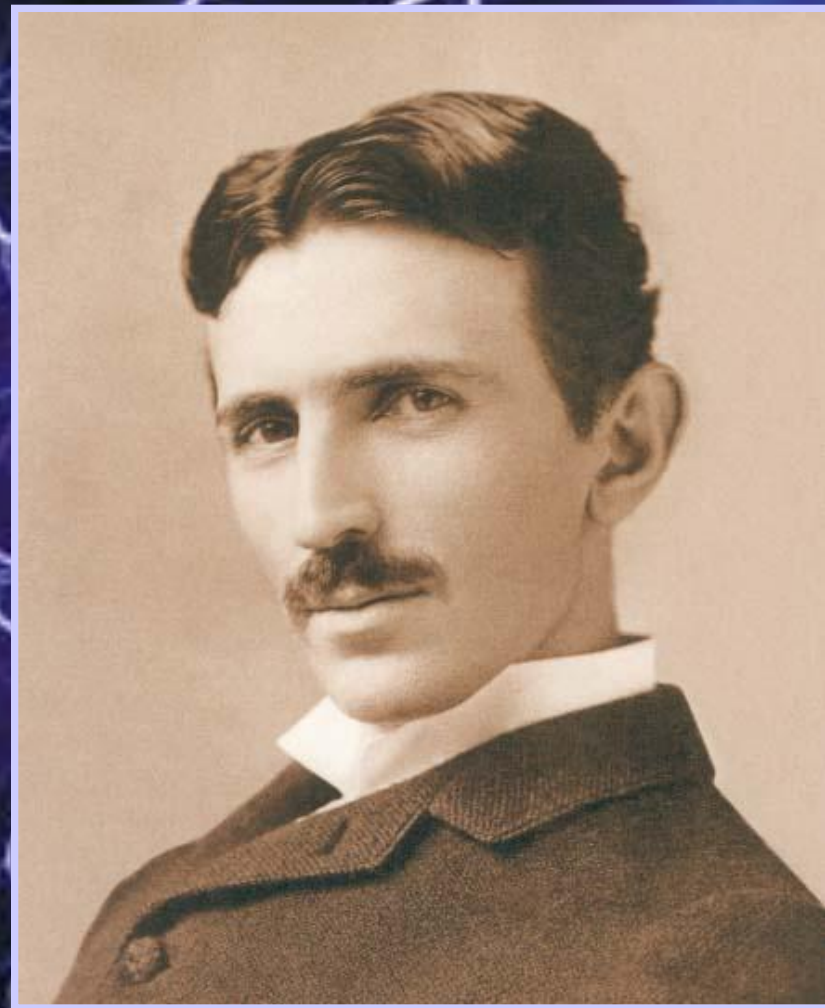
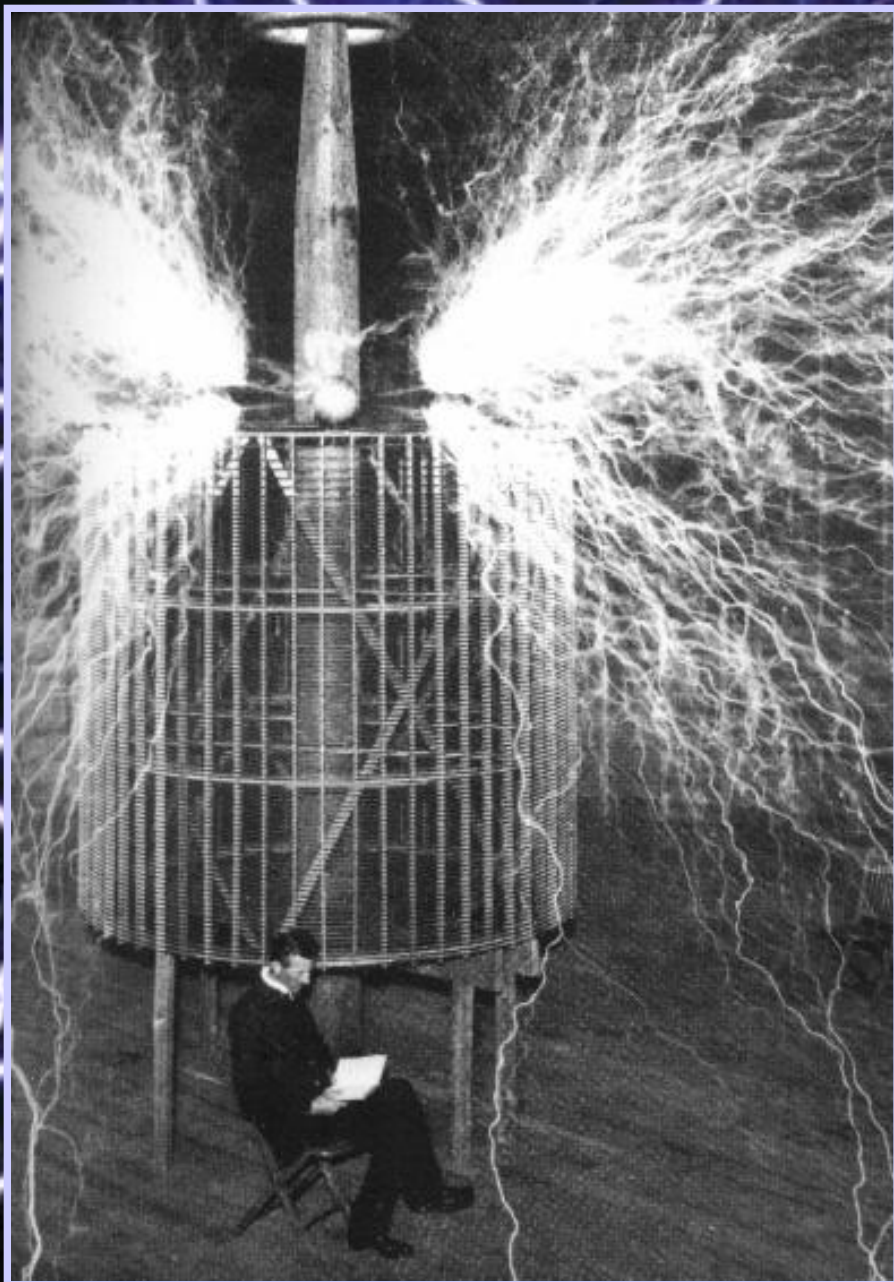
1900



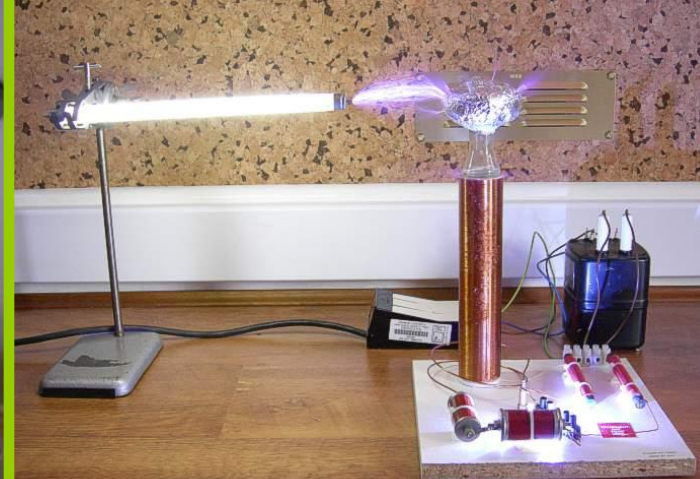
Oh Snap!



[Back to Timeline](#)



Nikola Tesla





Back to Inventors

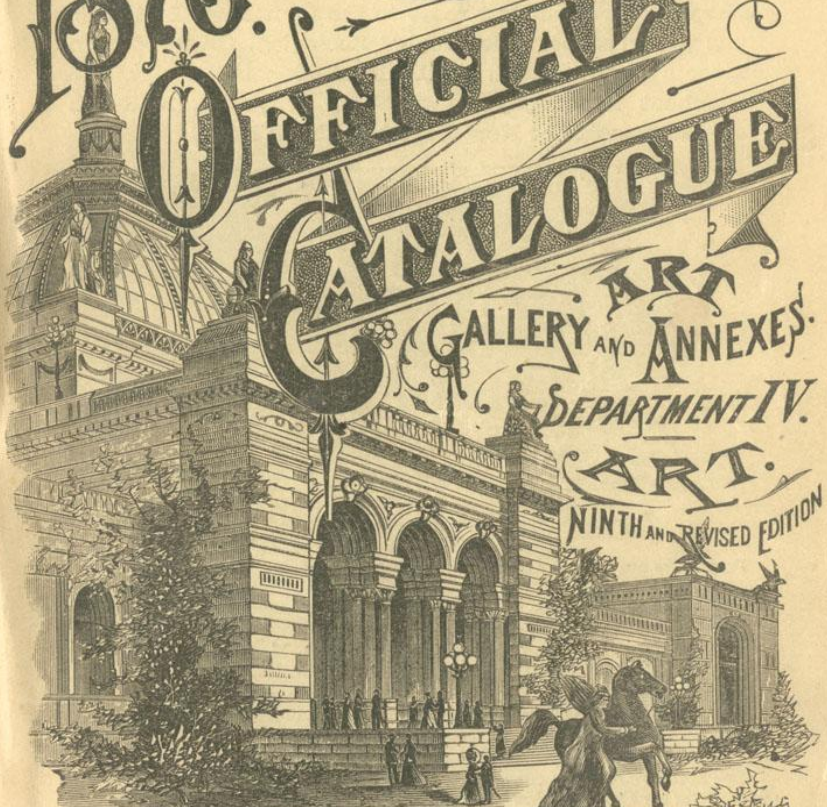
July 6 52009.0.

UNITED STATES CENTENNIAL COMMISSION

INTERNATIONAL EXHIBITION

1876.

OFFICIAL
CATALOGUE



ART
GALLERY AND ANNEXES.
DEPARTMENT IV.

ART.
NINTH AND REVISED EDITION

PHILADELPHIA.

PUBLISHED FOR THE
CENTENNIAL CATALOGUE
COMPANY BY

JOHN R. NAGLE & CO.

F. FAAS, ENG.
PHILA.

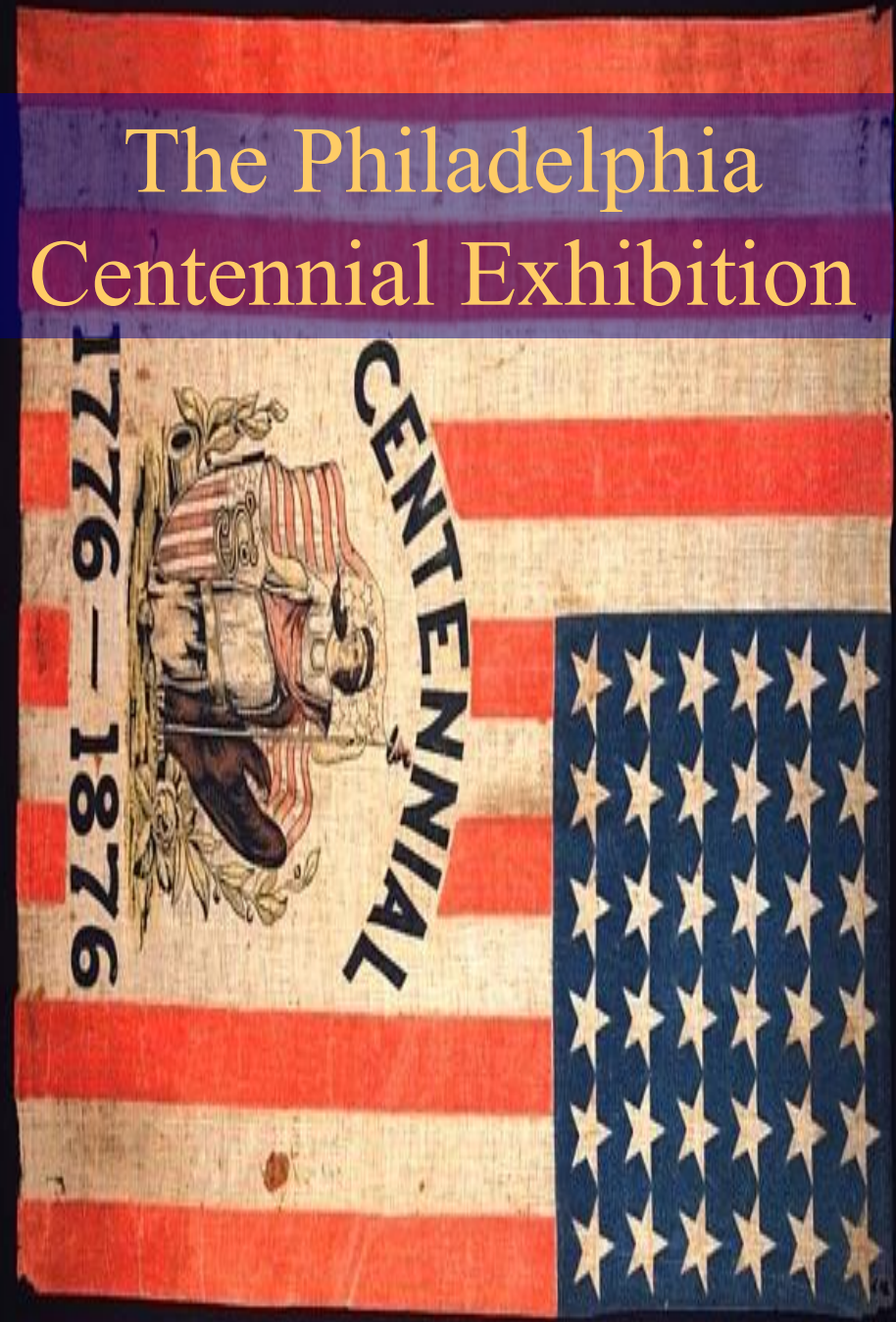
PRINTED AT THE RIVERSIDE PRESS, CAMBRIDGE, MASS.

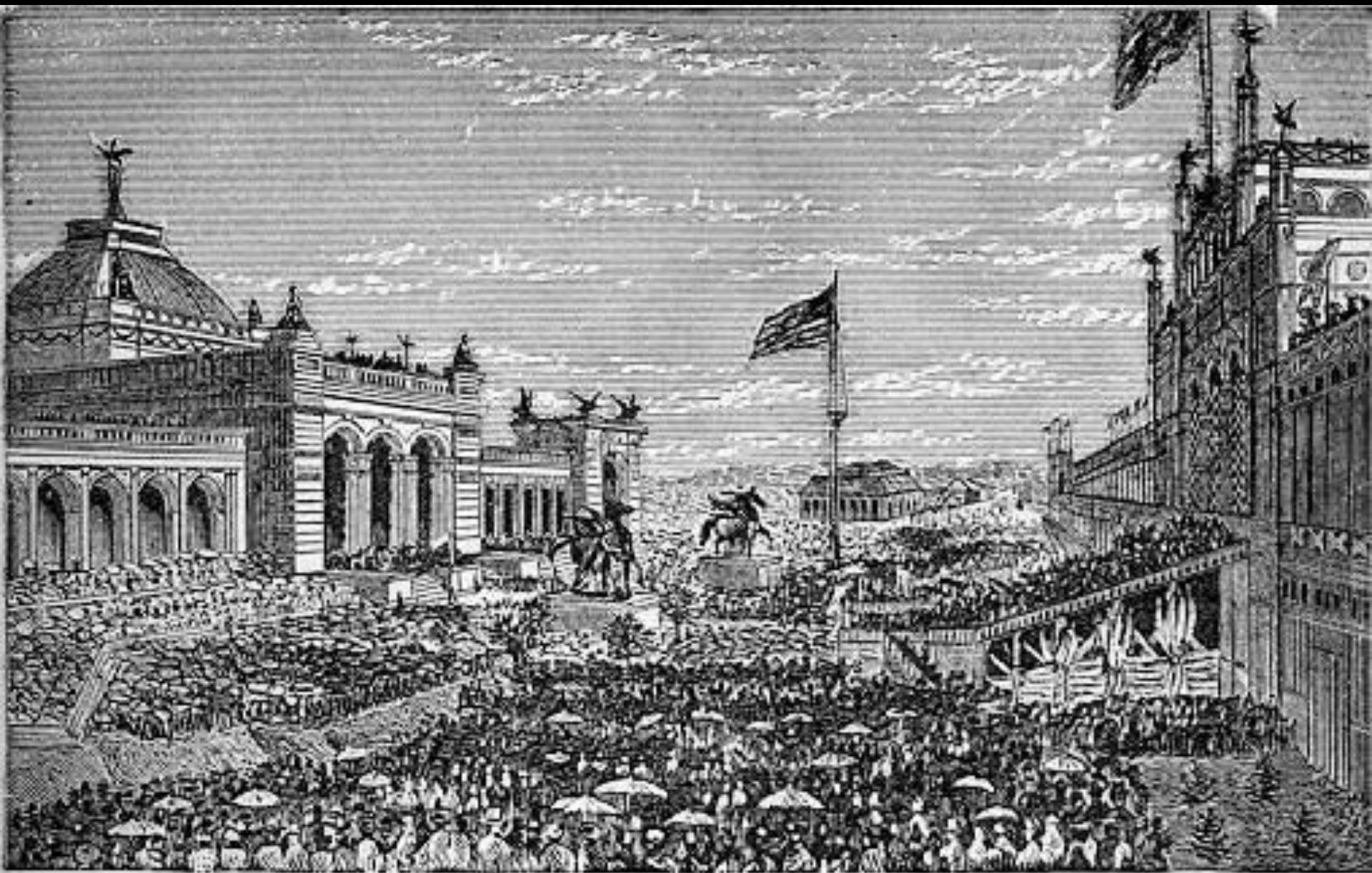
The Philadelphia
Centennial Exhibition

1776 - 1876

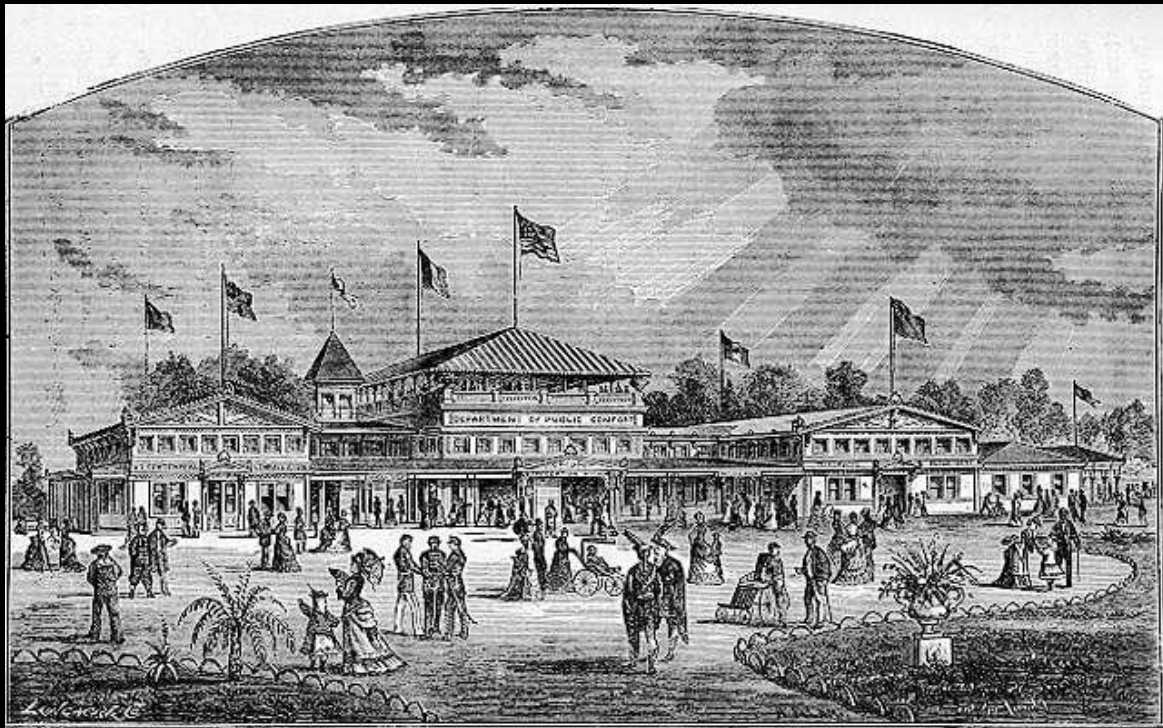


CENTENNIAL

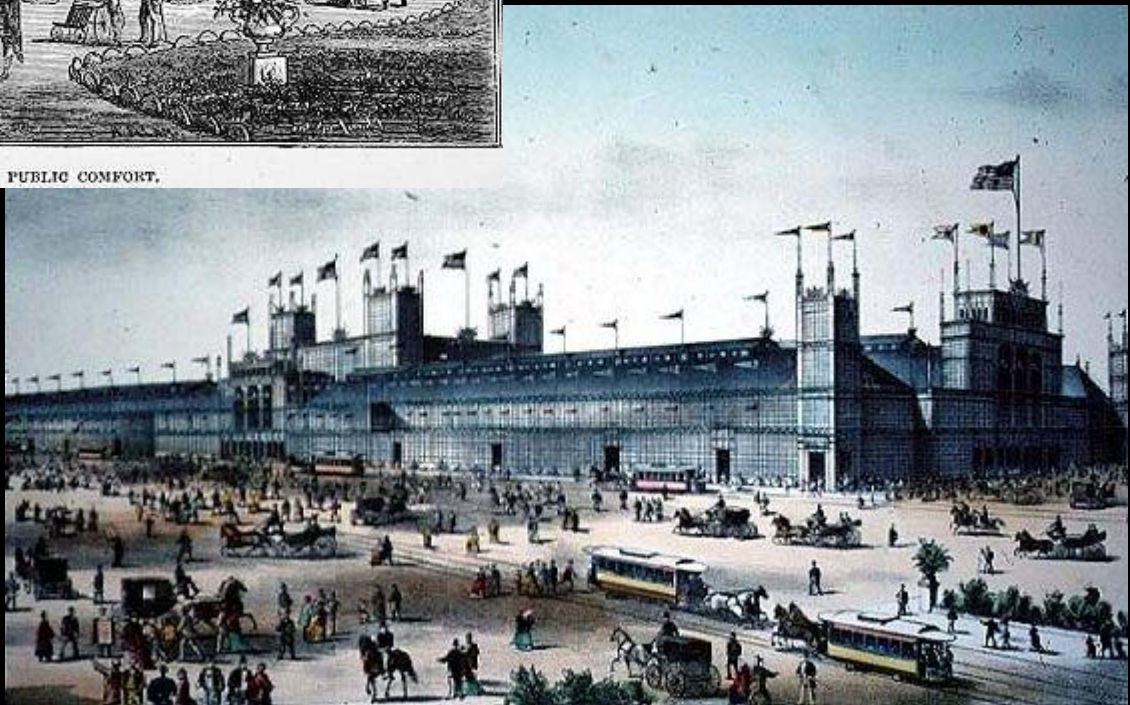


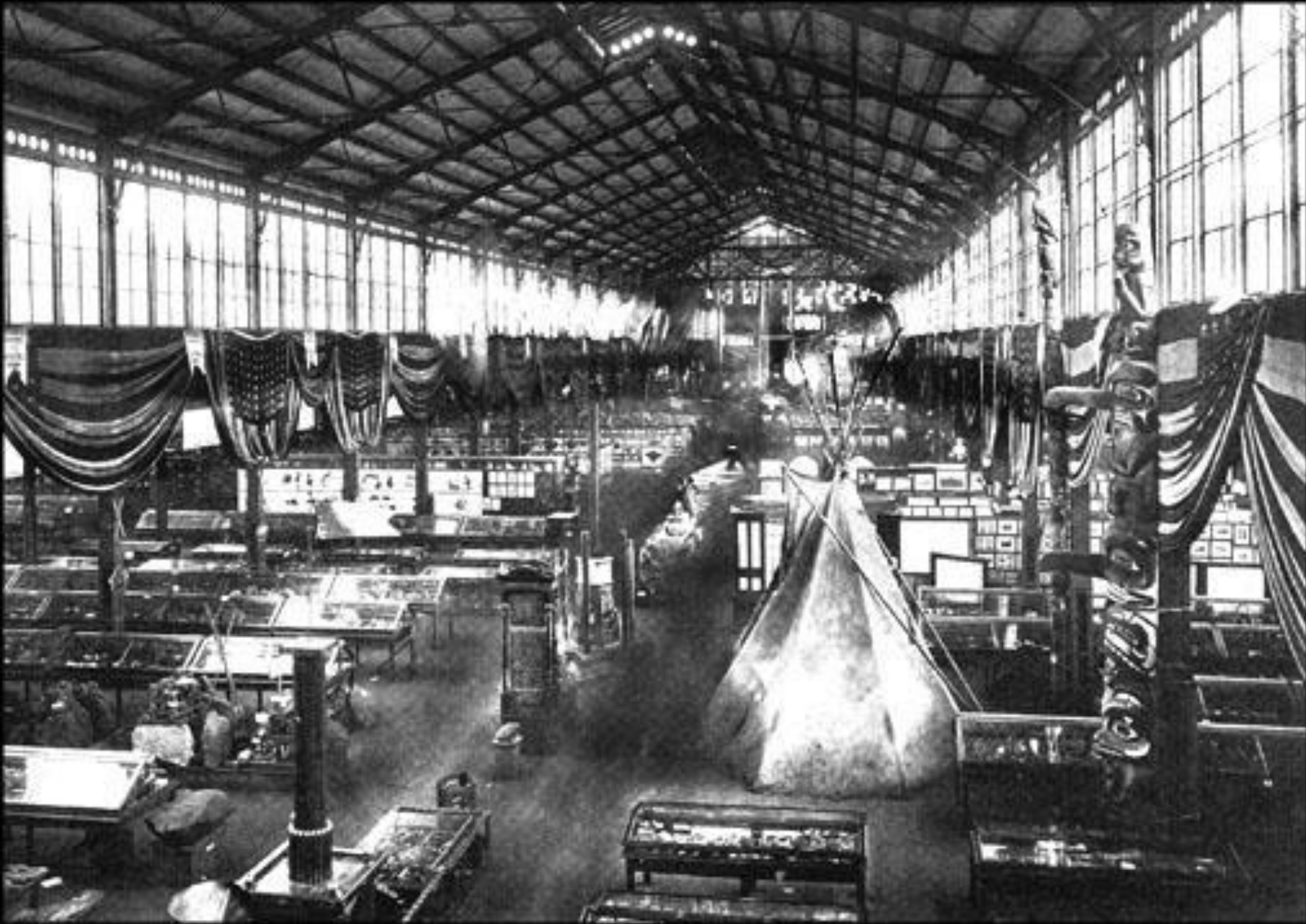


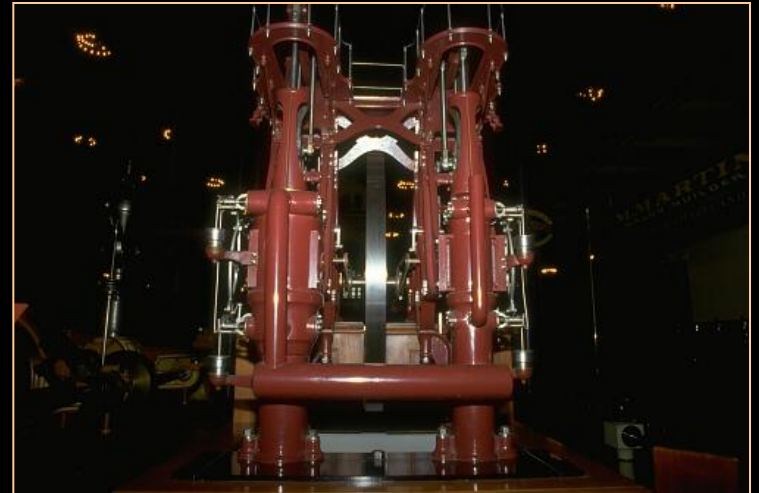
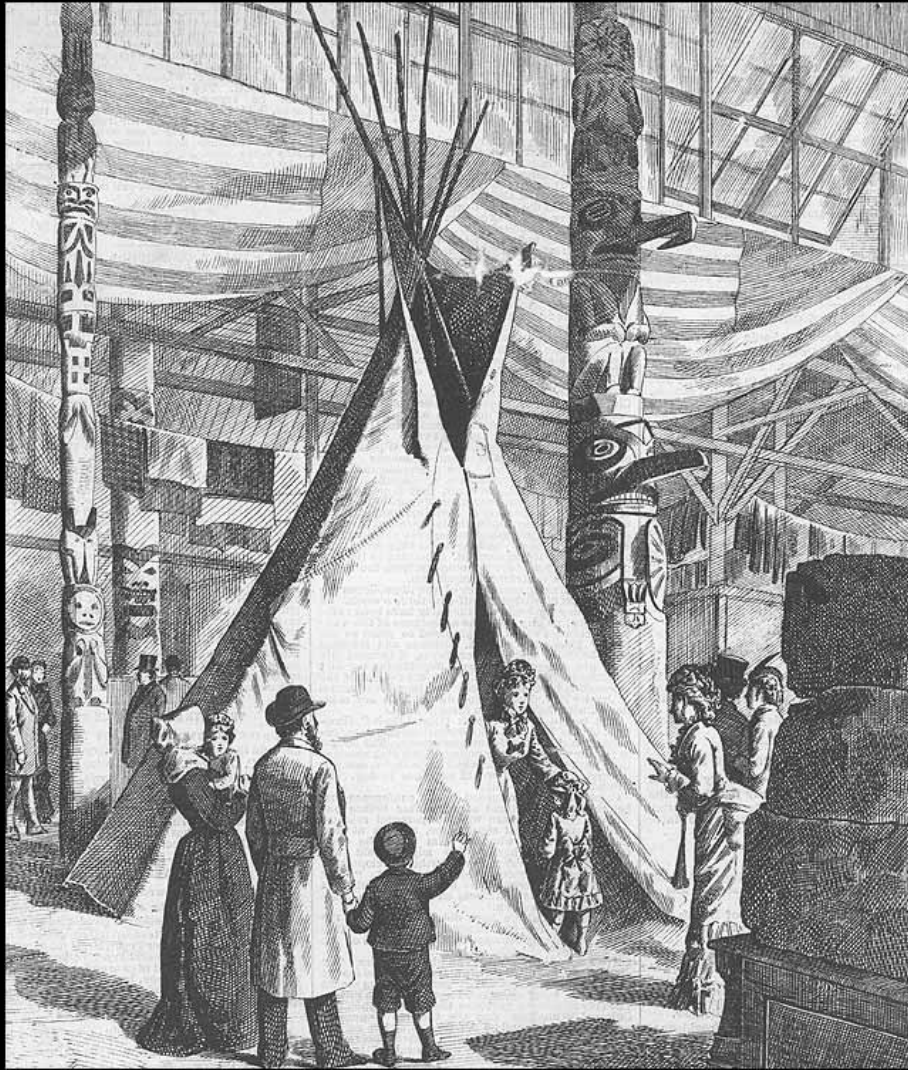
CEREMONIES AT THE OPENING OF THE CENTENNIAL EXHIBITION.



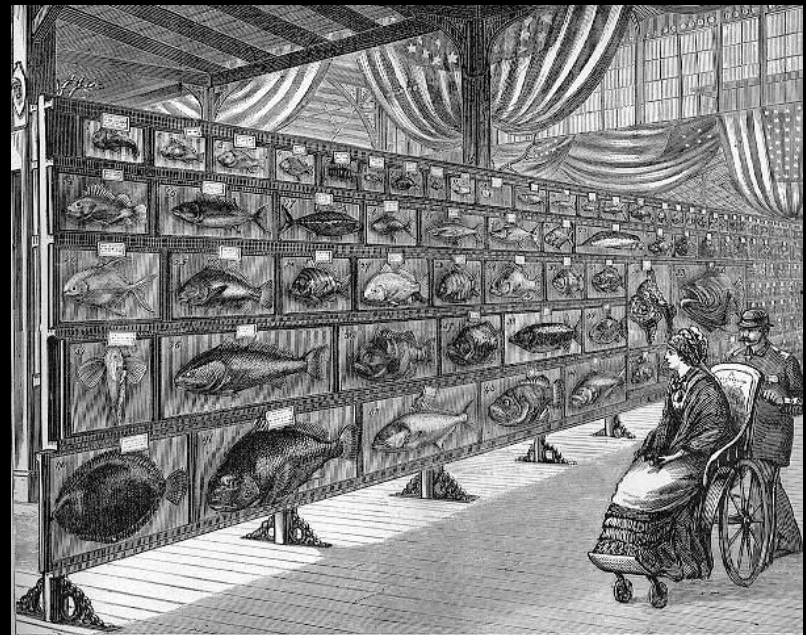
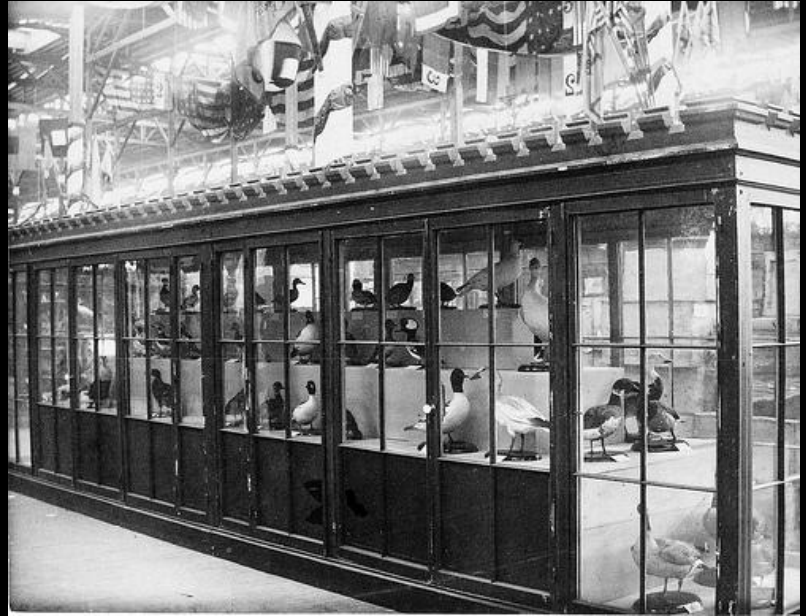
BUILDING OF THE DEPARTMENT OF PUBLIC COMFORT.



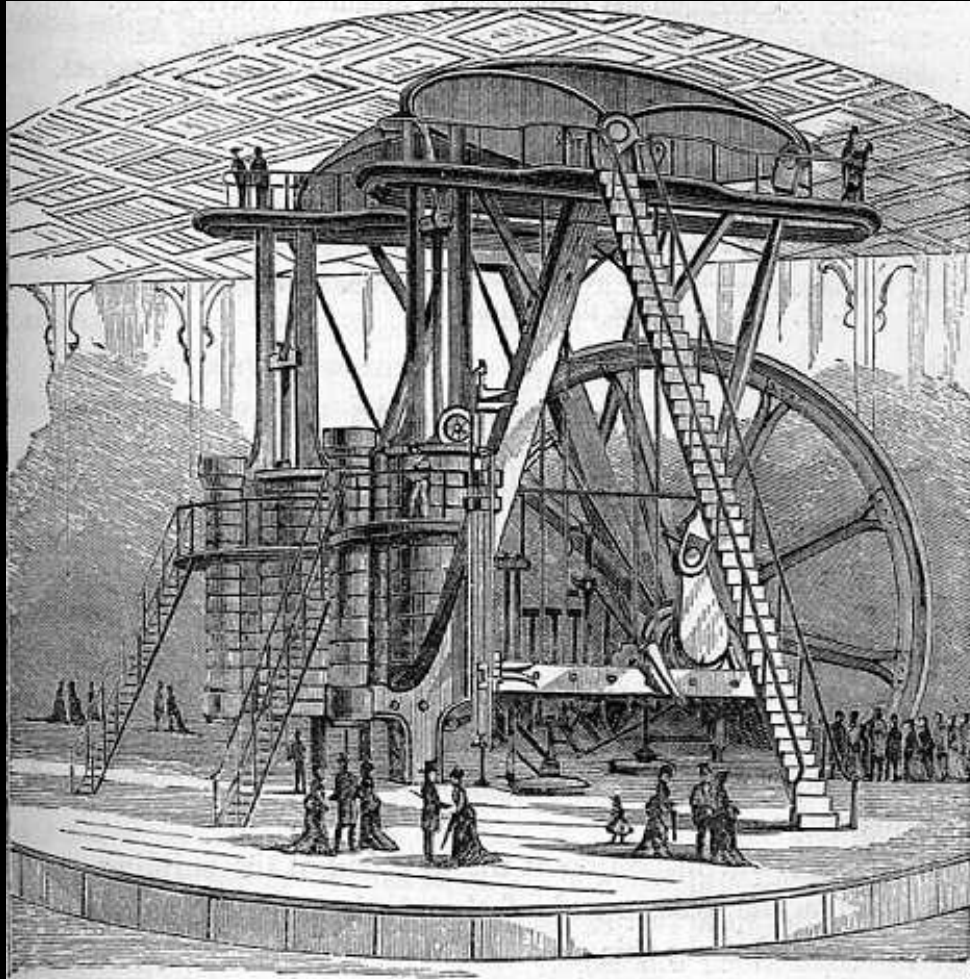




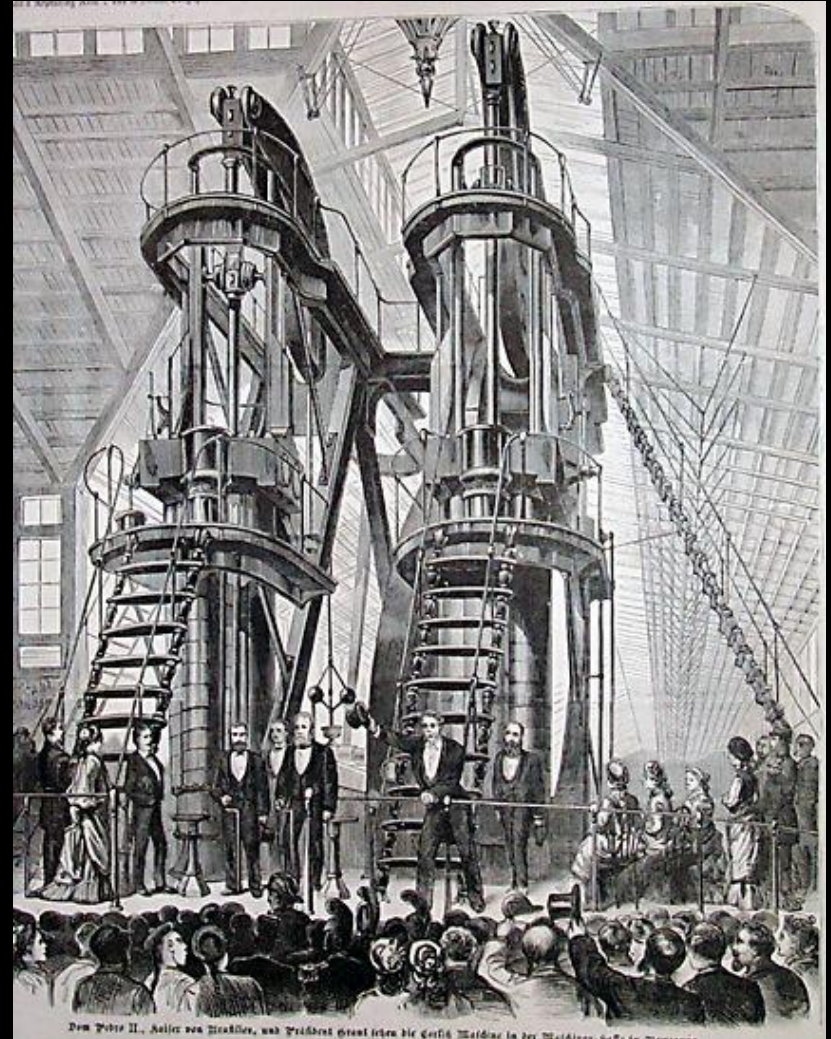
Wildlife Exhibitions



The Corliss Engine



THE CORLISS ENGINE IN MACHINERY HALL.



Dem Peter II., Kaiser von Rußland, und Friedrich Ernst ist die Corliss-Maschine in der Maschinenhalle zu St. Petersburg.

