

# New Jersey

MONTHLY

## Ocean City

Parades! Pageants! Pizza!

• EAT • STAY • PLAY at NJ's  
Favorite Family Fun Spot

## SEASIDE HEIGHTS

A Jersey Girl's Day in the Sun

## COCKTAILS ON THE BEACH

→ 12 Hot Spots for Surfside Sipping

## DOG-FRIENDLY DESTINATIONS

## RENTAL ETIQUETTE

Do's & Don'ts for Summer Shares

# shore 2016 guide

SUMMER 2016 \$5.99

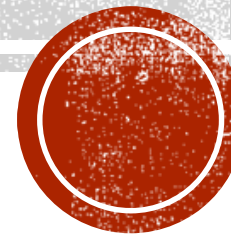


DISPLAY UNTIL 8/12/16

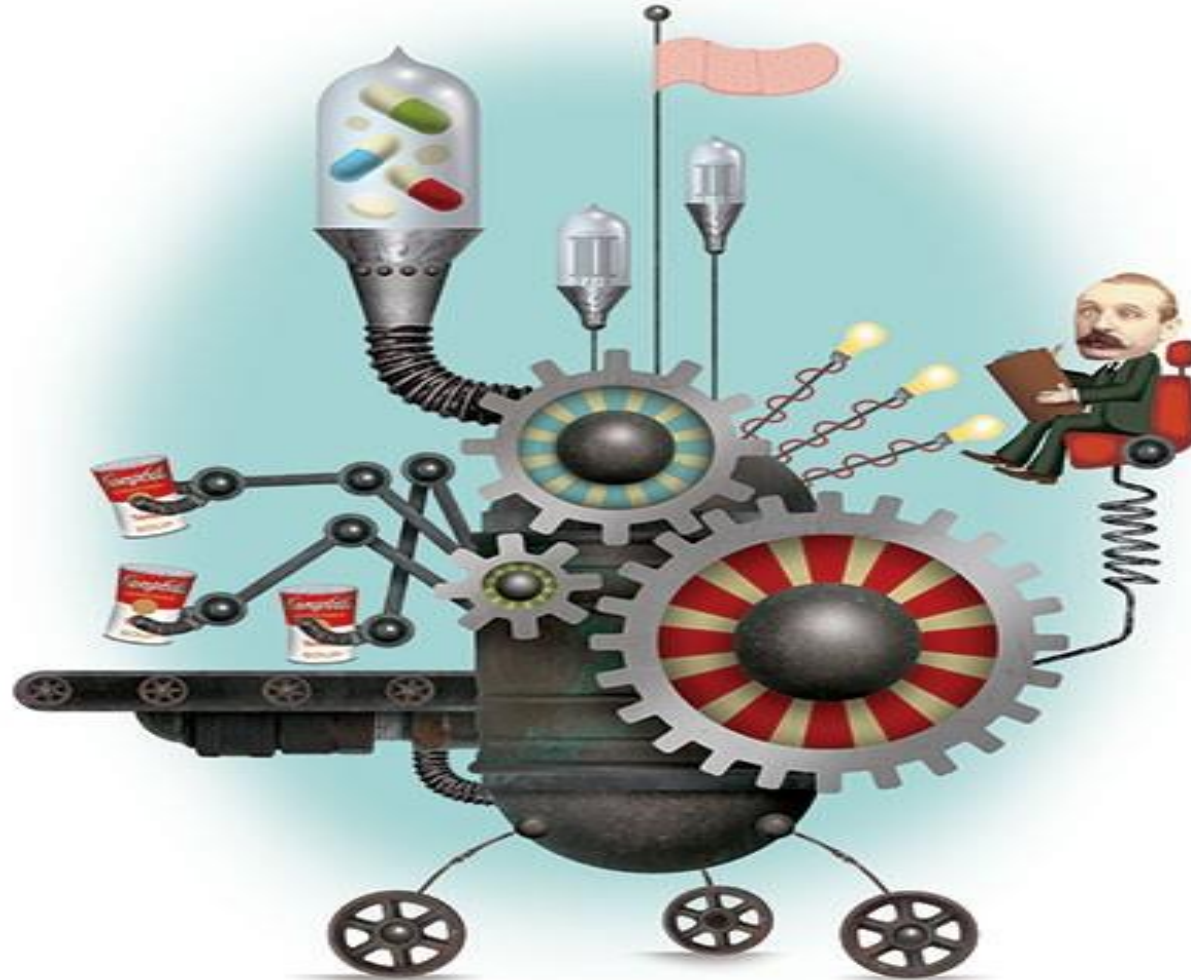


**NEW JERSEY**

**MOTHERLODE OF INVENTION**



# FAMOUS FIRSTS IN NEW JERSEY



# SPORTS

The first organized **Baseball Game** was played on June 19, 1846.



The first **Intercollegiate Football Game** was played by Rutgers and Princeton in New Brunswick on November 6, 1869. Rutgers won 6 to 4.



# The first Professional Basketball Game was played in Trenton in 1896.

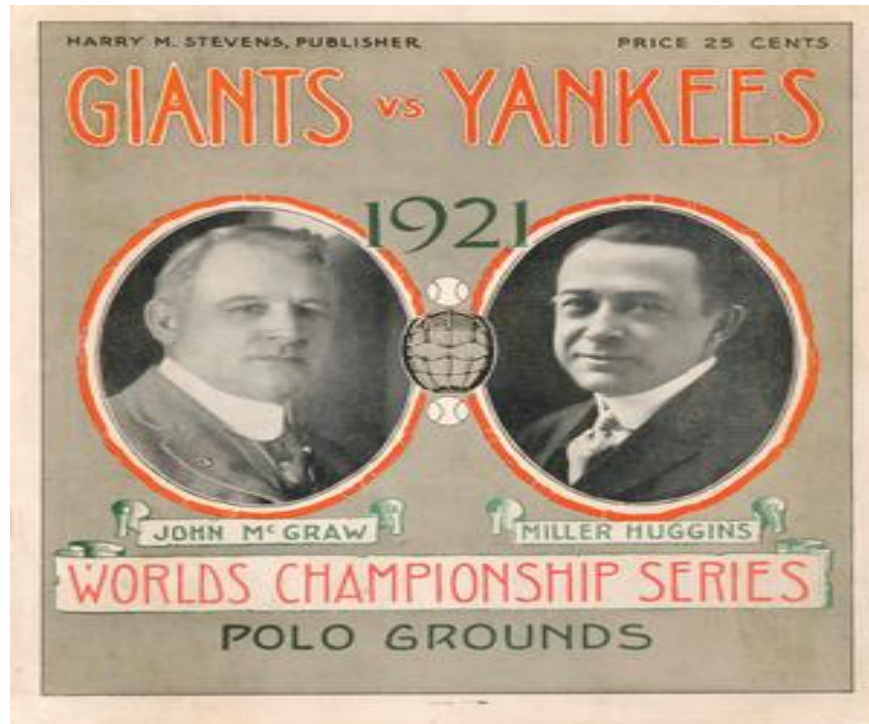


There's a historical marker placed at the site of the game at the intersection of North Warren Street and West State Street in Trenton.

This is a picture of the building that stood at that intersection in 1896. The building was demolished in 1916 to make way for a new bank building.



The first Radio Broadcast of the World Series was transmitted live on radio station WIZ in Newark in 1921.



Yankees player Roger Peckinpaugh, Giants player Dave Bancroft, and umpires at the Polo Grounds.



## Baseball backstop

In 1907 Wellington Titus, catcher for the town's amateur baseball team, came up with a design for a portable prototype for the modern batting cage.

Modern Catcher's Mask, created in 1922 by James Edward Johnstone, Newark.



# RECREATION & ENTERTAINMENT

The first Boardwalk in the world was built in 1870 at Atlantic City.



# A view of the Boardwalk in the early 20<sup>th</sup> century



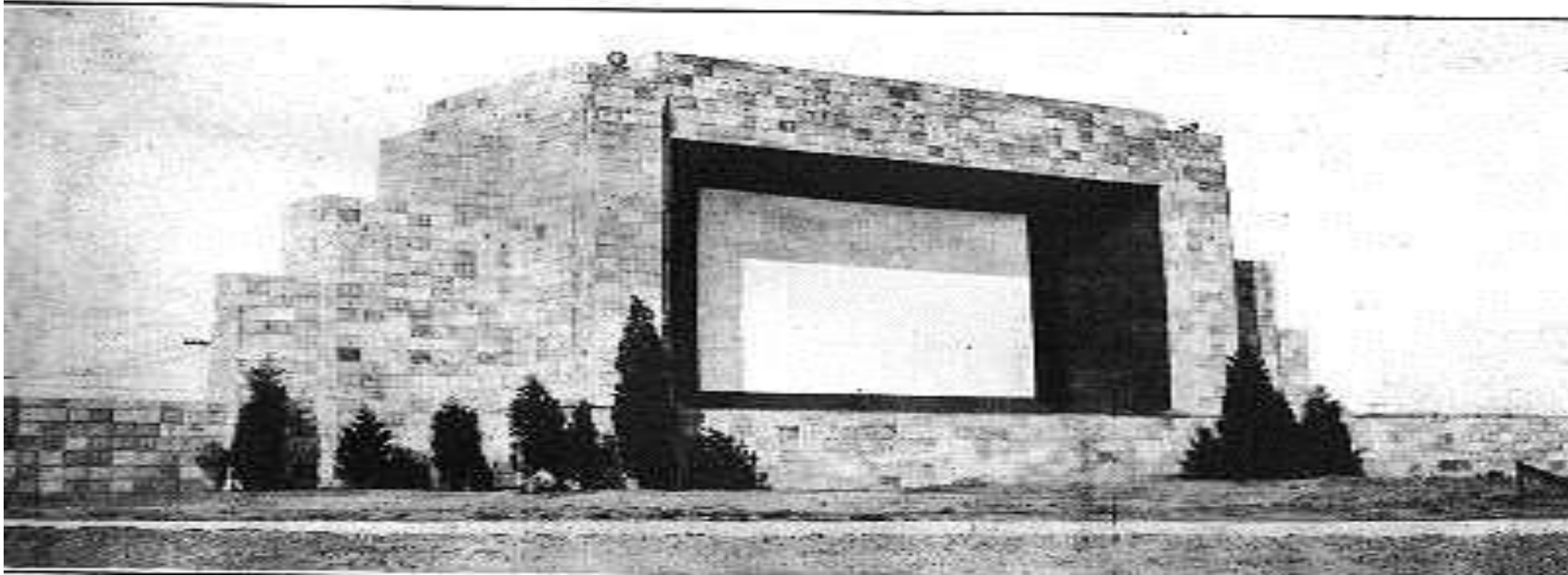
The first Miss America was chosen in Atlantic City in 1921. Sixteen year-old Margaret Gorman from Washington, DC won the first competition.



That was then..... And now.....



The first patented concept of a **Drive-in Movie Theater** was built on a 10-acre plot in Camden county in 1933.



Remember this.....?



The first Jersey Shore Resort was established sometime between 1725 and 1765 in Tuckerton, NJ. Later, *The Congress House* was established in 1816 in Cape May. After many additions and renovations this is how it appeared below in a circa 1920's photo.



**This is a pre - Civil War print of the NJ seashore.**



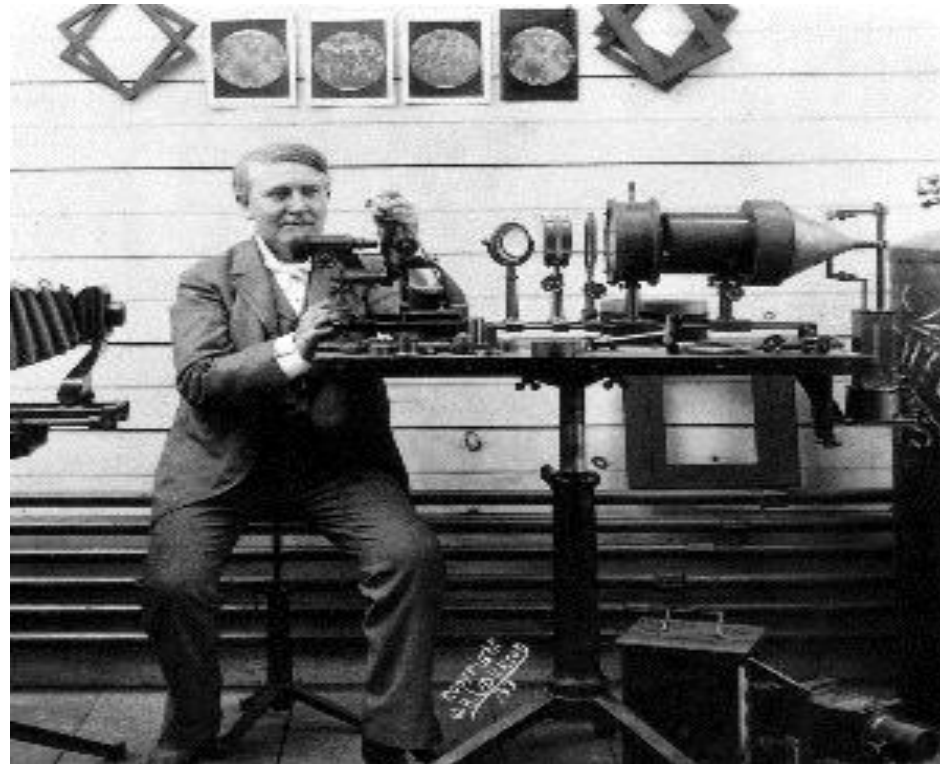
The first Motion Picture was developed by  
Thomas A. Edison in West Orange in 1889.



The *Black Maria* was the building  
built for the recording of motion  
pictures.



**Thomas Alva Edison (1847-1931) photographed  
in his laboratory circa 1893**



The first Phonograph was made by Thomas A. Edison in Menlo Park in 1877.



The first solid body Electric Guitar was invented by Les Paul of Mahwah in 1940.



He also developed the process of Multi-racking—the layering of several recordings into one— and asked Ampex corporation to produce an eight-track tape machine for him.



# ELECTRIFICATION

The first Incandescent Lamp (light bulb) was made by Thomas A. Edison in Menlo Park in 1879.



**The first Town to be Lighted by Electricity was Roselle on January 19, 1883.**

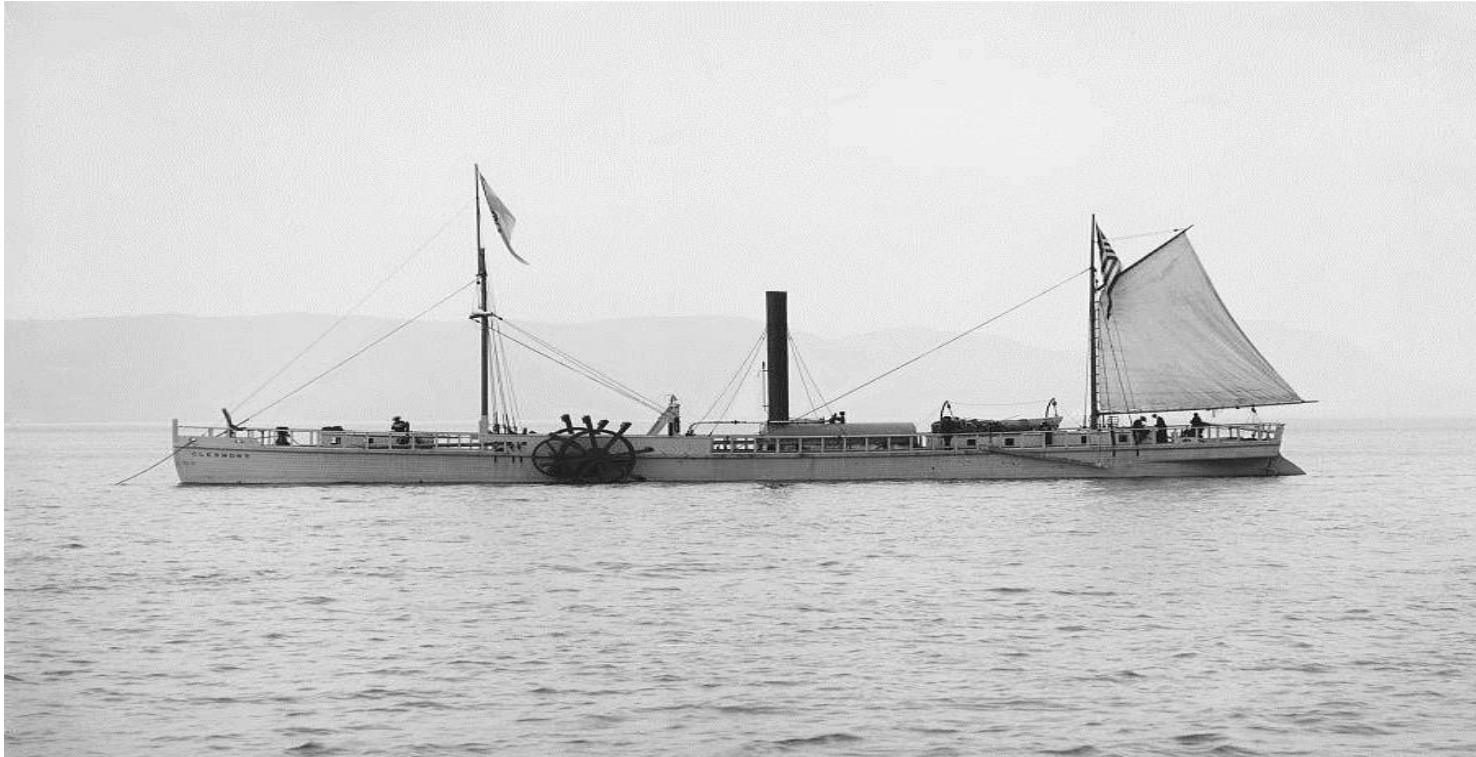


Overhead wires are used for an electric lighting system for the first time, designed by Thomas Edison for Roselle.



# TRANSPORTATION

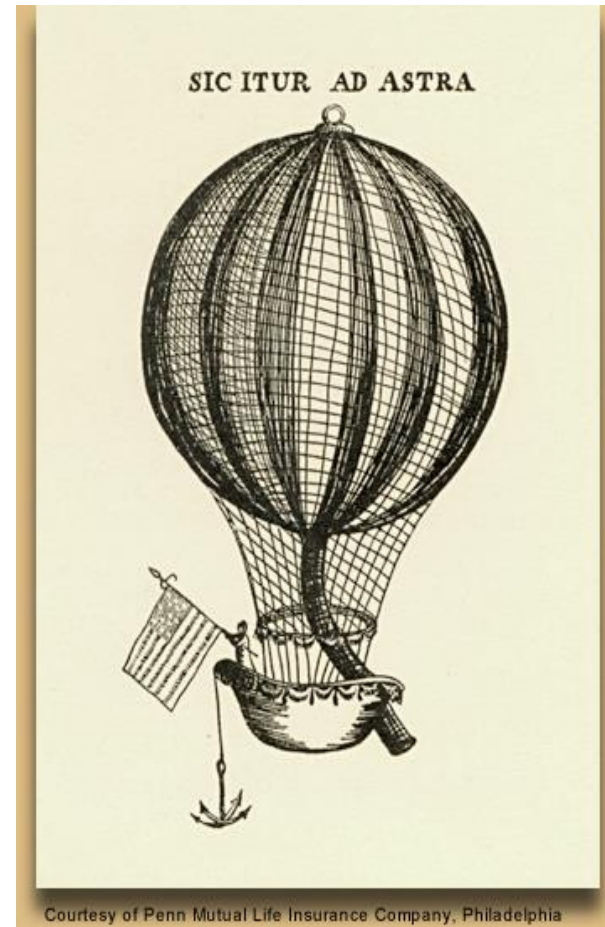
The first **Ferry Service Operation** in the US operated between Hoboken and Manhattan in 1811. ***Little Juliana*** was the **First Steam-Powered Ferry** in the U.S designed by John Stevens and would operate between Hoboken and New York City. The 1909 photo of a replica, as it would have appeared in 1811. It was the first steamboat to achieve commercial success.



The first **Submarine** was built in 1878 by John Holland of Passaic County. The boat was launched on May 22, 1878. It was 14 feet long, weighed 2.25 tons, and was powered by a 4-horsepower Brayton petroleum engine driving a single screw. The boat was operated by Holland himself.



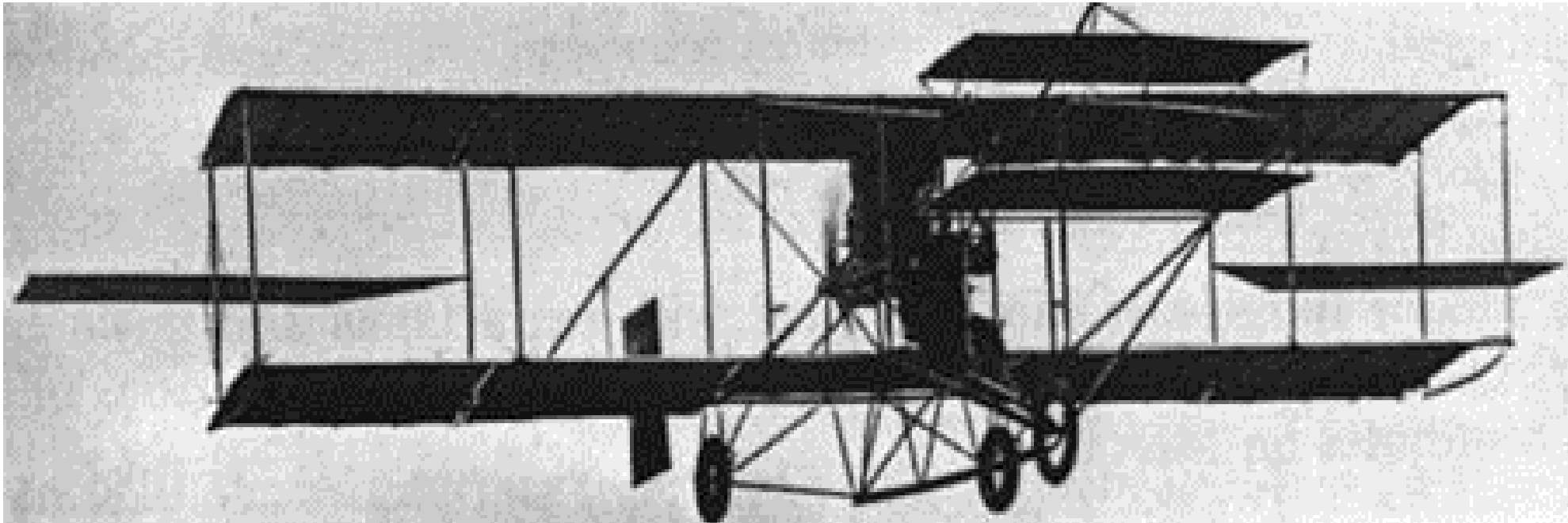
The first **Balloon Flight** in America was made by Jean-Pierre Blanchard. On January 9, 1793, he landed a balloon at Deptford, NJ, carrying a letter from George Washington.



Courtesy of Penn Mutual Life Insurance Company, Philadelphia



The first **Seaplane** was flown in Monmouth county's Keyport. On Jan. 26, 1911, Glenn Curtiss made the first successful seaplane flight in America. Curtiss fitted floats to a biplane, then took off and landed from water.



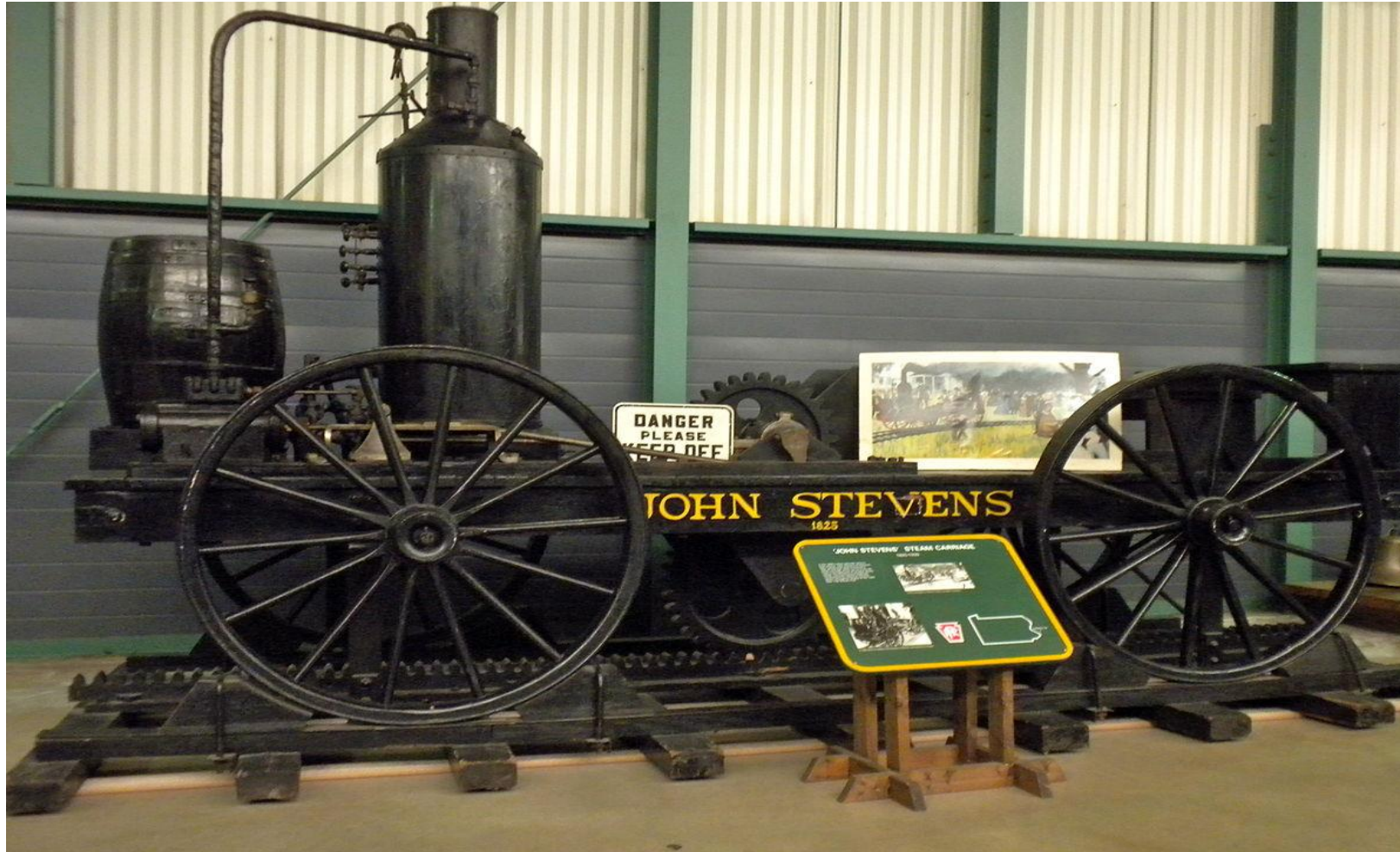
## **Two more Aviation firsts....**

The first **Airplane Passenger Flight** flew from New York to Atlantic City on May 3, 1919.

The **Flight Simulator**, was invented in 1950, by Richard Dehmel, at the Curtis-Wright Corporation.



The first Steam Locomotive to actually pull a train on a track was built by John Stevens of Hoboken in 1824.



The first **Electrified Train** in the US was driven by Thomas Edison from Hoboken's DL&W terminal to Montclair, New Jersey.



THE NEW CLASS OF LOCOMOTIVE OF THE BALTIMORE AND OHIO RAILROAD COMPANY



# FOOD TECHNOLOGY

The first Saltwater Taffy was produced at the Jersey shore in the 1870s.



*Tralinger's*  
SALT WATER TAFFY

ORIGINAL  
*James*  
de Leece Confections

BAYARD'S  
CHOCOLATES



The first **Cultivated Blueberries** were marketed by Elizabeth White of Whitesbog Village in Browns Mills, NJ in 1916. It was the largest NJ cranberry farm in the early 1900's. Its founder J.J. White was nationally recognized.



The first **Condensed Soup** in America was cooked and canned at the Campbell & Company in Camden County in 1897 via a method to condense the soup by removing the water, making it less costly to package, ship, and store.



The Jos. A. Co., Camden, NJ in 1894



The **TV Dinner** was invented in 1944 by William L. Maxson of West Orange.



A 1950s-style TV dinner. This type of meal was common until the mid-1980s



# PHARMACEUTICALS & HEALTH AIDS



**Band-Aids** Earle, a cotton buyer for Johnson & Johnson in New Brunswick devised a streamlined alternative to gauze bandages, folding a small piece of gauze into a narrow cushion and attaching it to a strip of surgical tape. In 1920, he convinced his bosses at J&J to manufacture the invention, but it wasn't until the company distributed free to the nation's Boy Scouts that the product finally took off.

**Streptomycin** was created in 1943, by Selman Waksman (who also coined the word antibiotic), at Rutgers University.

**Tetracycline**, 1952, by Lloyd Conover, Pfizer.



# **MORE FIRSTS.....**

**Valium**, 1963, by Leo Sternbach, Hoffman-LaRoche.

**Antibacterial toothpaste**, 1988, by Abdul Gaffar, Colgate-Palmolive.

**Interferon** Sidney Pestka didn't invent interferon, but he did figure out a way to produce it in the laboratory and put it to work in the fight against disease in 1969, when he went to work at the Roche Institute of Molecular Biology in Nutley. The drug has since been used to treat chronic hepatitis B and C, multiple sclerosis, various cancers.



# INDUSTRY FIRSTS IN THE USA

The first **Copper Mine** in America was opened by Dutch settlers in New Jersey and dates back circa 1640 to the Kittatinny Mountains, when copper was first mined by Dutch settlers along the Delaware River in Warren County.

In 1755, it was the site of the first use of a **Steam Engine assembled in America.**

In 1794, the first **Steam Engine was manufactured** in the United States near here



# MORE STUFF.....

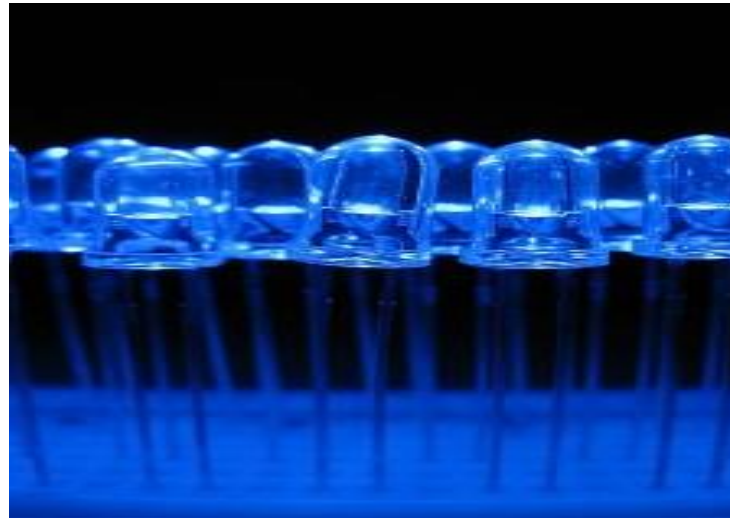
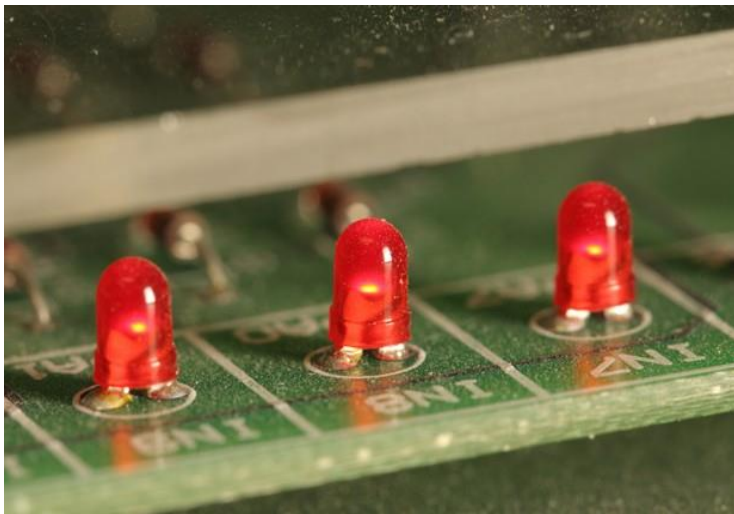
The first **National Historic Park** in America was established in 1933 in Morristown. Pictured is the Wick House at Jockey Hollow



The first **Robot** to replace a human worker was used as an industrial robot, Unimate, created by American inventor George Devol. It was in operation on a General Motors assembly line at the Inland Fisher Guide Plant in Ewing Township, New Jersey in 1961.

**Magnetic Recording Technology** was invented in 1878, by Oberlin Smith, in Bridgeton, NJ.

The **Visible-Light Laser** was invented in 1962, by Alan White, at Bell Telephone Laboratories.



## **MORE FIRSTS.....**

**Bubble Wrap** was accidentally created by Alfred Fielding and Marc Chavannes who were laboring in a Hawthorne garage to create a paper-backed plastic wallpaper.

**Central Air** The first central air cooling system in the United States was housed in Hoboken's DL&W Terminal.

**Wireless Phone** The first wireless phone, operable between Hoboken and Manhattan, was situated in Hoboken's DL&W Terminal.

**Air Conditioning** was created by Willis Haviland Carrier in 1915. He founded the Carrier Engineering Company in Newark and in 1921 patented the centrifugal chiller, the first system to **efficiently cool large spaces**



**LCD Crystals** The world's first successful application of LCD crystals was developed by George Heilmeyer in 1968 and a group of fellow scientists at RCA's David Sarnoff Research Center in Princeton.

**Teflon**, was developed accidentally by Roy Plunkett at DuPont's Jackson Lab in Deepwater, NJ making its public debut in 1945. Its first applications were in artillery-shell fuses and nuclear production for the Manhattan Project.

The **Transistor** was developed at Bell Labs in Murray Hill, John Bardeen and Walter Brattain, under the leadership of William Shockley, were charged with finding a replacement for the vacuum tubes that powered telephone technology (not very efficiently, as it happens) in its early days. In 1956, the team was awarded the Nobel Prize in Physics.



**AND LAST BUT NOT LEAST.....**

**The Zipper was invented in Hoboken and first manufactured by Hoboken's Automatic Hook & Eye Co.**

**Thank you Hoboken!!!!!!!!!!**



# FAMOUS FIRSTS IN NEW JERSEY

