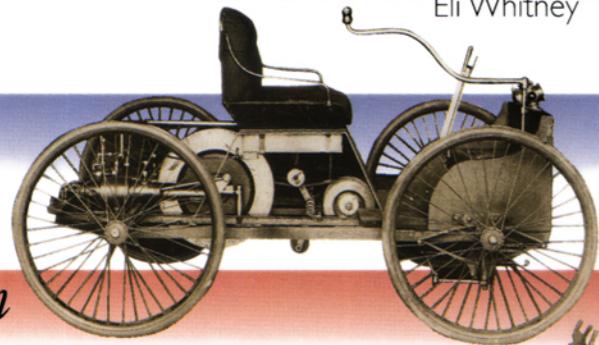


# Time Line of American Inventions

## Agriculture

1793  
**Cotton Gin**  
Eli Whitney



1834  
**Steel Plow**  
John Deere  
**Reaper**  
Cyrus McCormick

1850  
**Corn Picker**  
Edmund Quincy

1878  
**Vacuum Milking Machine**  
Anna Baldwin

1893  
**Barbed Wire**  
Joseph Glidden

1904  
**Tractor**  
Benjamin Holt



## Transportation

1807  
**Steamboat**  
Robert Fulton

1839  
**Vulcanized Rubber**  
Charles Goodyear

1845  
**Pneumatic Tire**  
R. W. Thomson

1865  
**Sleeping Car**  
George Pullman

1868  
**Airbrake**  
George Westinghouse

1892  
**Gasoline Automobile**  
Charles E. & J. Frank Duryea  
**Electric Automobile**  
William Morrison

1903  
**Airplane**  
Orville & Wilbur Wright

1913  
**Automobile Assembly Line**  
Henry Ford

1939  
**Helicopter**  
Igor Sikorsky

## Communication

1840  
**Telegraph**  
Samuel Morse

1845  
**Rotary Printing Press**  
Richard Hoe

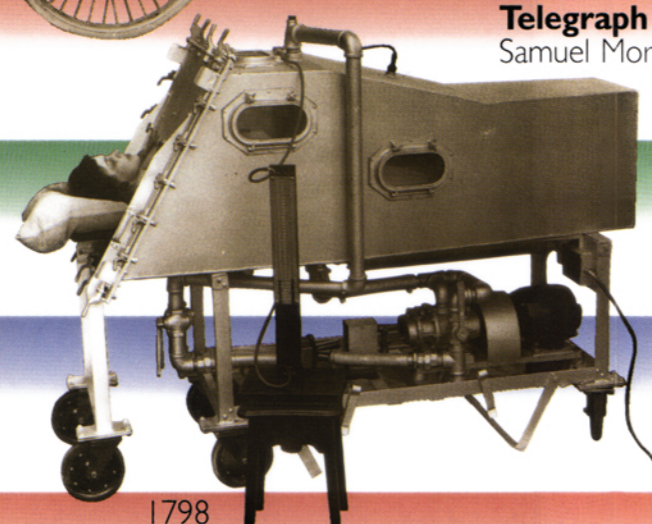
1867  
**Typewriter**  
Christopher Sholes  
Carlos Glidden  
Samuel Soule

1876  
**Telephone**  
Alexander Graham Bell

1877  
**Microphone**  
Emile Berliner

1884  
**Fountain Pen**  
Louis Waterman

1888  
**Ball-Point Pen**  
John Loud



## Health and Medicine

1831  
**Chloroform**  
S. Guthrie

1842  
**Ether**  
Crawford Long

1901  
**Yellow Fever-Mosquito Connection**  
Walter Reed

1913  
**X-Ray Tube**  
William Coolidge  
**Schick Test** for diphtheria  
Bela Schick

1928  
**Iron Lung**  
Philip Drinker  
Louis Shaw

1944  
**Streptomycin**  
Selman Waksman

1954  
**Polio Vaccine**  
Jonas Salk

1982  
**Artificial Heart**  
Robert Jarvik

## Weapons

1776  
**Submarine**  
David Bushnell



1835  
**Revolver**  
Samuel Colt

1862  
**Gatling Gun**  
Richard Gatling

1888  
**Modern Submarine**  
John P. Holland

1893  
**Automatic Pistol**  
Hugo Borchardt

1931  
**Cyclotron**  
Ernest Lawrence

1942  
**Atomic Reactor**  
Enrico Fermi

1945  
**Atomic Bomb**  
Albert Einstein, Enrico Fermi, and others



## Business and Industry

1798  
**Mass Production**  
Eli Whitney

1857  
**Elevator**  
Elisha Otis

1879  
**Cash Register**  
J. Ritty

1885  
**Dictaphone**  
C. S. Tainter

1890  
**Tabulator**  
Herman Hollerith

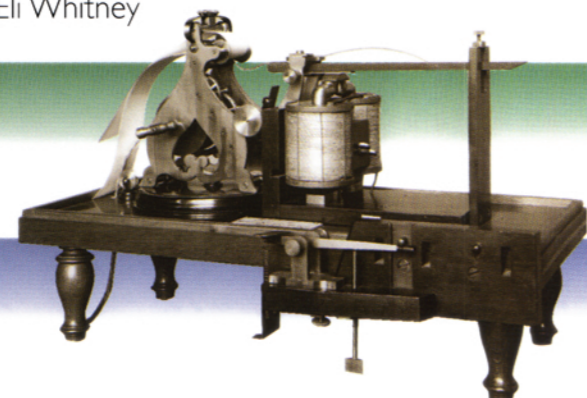
1891  
**Escalator**  
Jesse Reno

1942  
**Xerography**  
Chester Carlson

1944  
**Computer** (automatic sequence)  
Howard Aiken

1948  
**Transistor**  
John Bardeen, Walter Brattain, & William Shockley

## Home Life



1845  
**Sewing Machine**  
Elias Howe

1849  
**Safety Pin**  
Walter Hunt

1858  
**Washing Machine**  
Hamilton Smith

1876  
**Carpet Sweeper**  
Melville Bissell

1879  
**Electric Light Bulb**  
Thomas Edison

1895  
**Safety Razor**  
King Camp Gillette

1896  
**Zipper**  
W. L. Judson

1899-1901  
**Vacuum Cleaner**  
John Thurman or H. C. Booth

1902  
**Air Conditioning**  
Willis Carrier

1930  
**Freon**  
Thomas Midgley

1946  
**Microwave Oven**  
Percy Spencer

## Entertainment

1877  
**Phonograph**  
Thomas Edison

1888  
**Motion-Picture Projector**  
Thomas Edison  
**Kodak Camera**  
George Eastman

1923  
**Television**  
Vladimir Zworykin

1927  
**First Talking Movie**  
Warner Brothers

1947  
**Long-Playing Record**  
Peter Goldmark

1970  
**Floppy Disk**  
IBM

1972  
**Compact Disk**  
RCA

1977  
**Personal Computer**  
Apple

1993  
**Laptop Computer**  
Apple

## Other Consumer Products

1868  
**Celluloid**  
John Hyatt  
Isaiah Hyatt

1909  
**Bakelite**  
Leo Baekeland

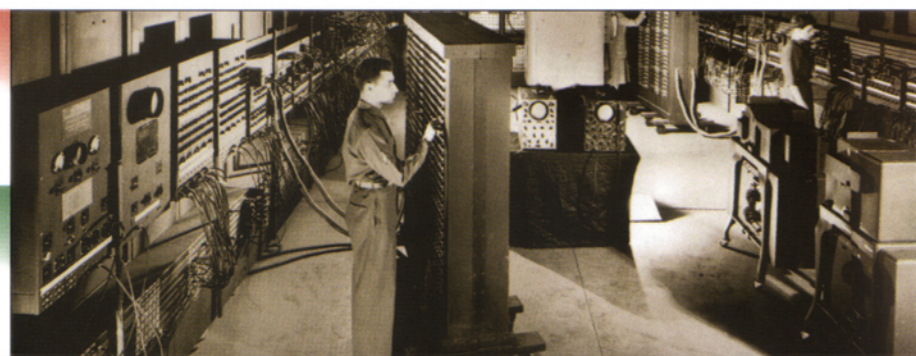
1924  
**Frozen Foods**  
Clarence Birdseye

1938  
**Nylon**  
Wallace Carothers  
**Fiberglass**  
Owens-Corning Co.

1945  
**Tupperware**  
Earl Tupper

1947  
**Aluminum Foil**  
Reynolds Metal Company

## Space Technology



1926  
**Liquid Fuel Rocket**  
Robert Goddard

1969  
**First Moon Landing**  
NASA

1981  
**Space Shuttle**  
NASA