

1. **Cyrus McCormick**



Invented the mechanical reaper

2. **Eli Whitney**



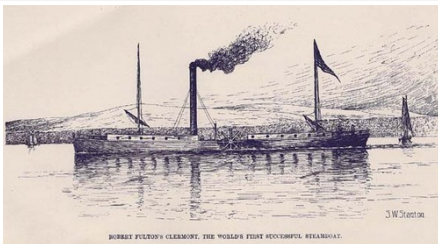
Invented the cotton gin

3. **Gail Borden**



Developed a canned milk product with added sugar that was used by soldiers during the Civil War

4. **Gibbons v. Ogden**



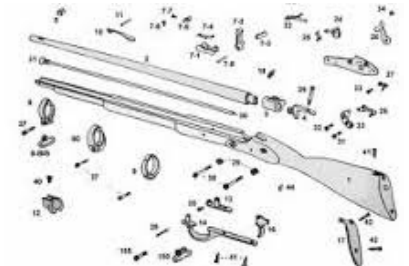
1824 case in which the Supreme Court ruled that states couldn't regulate commerce on interstate waterways

5. **Industrial Revolution**



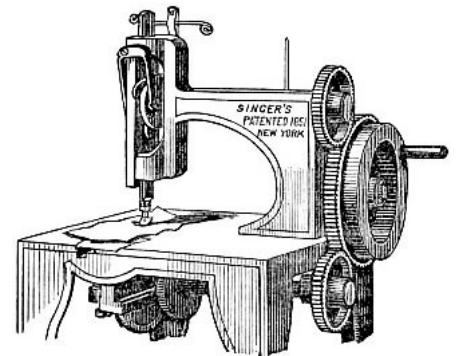
A period of rapid growth in the use of machines in manufacturing and production that began in the mid-1700s

6. **Interchangeable parts**



Identical components that can be used in place of one another in manufacturing

7. **Isaac Singer**



American inventor; he patented an improved sewing machine and by 1860, was the largest manufacturer of sewing machines in the country

8. **John Deere**



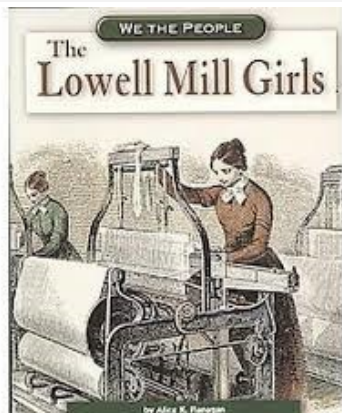
Designed the first steel blade plow

9. **Locomotive
Trains**



The fastest form of transportation. Wagons travelled about 2 miles per hour; Locomotive trains travelled over 20 miles an hour

10. **Lowell
system**



Dormitories for young women where they were cared for, fed, and sheltered in return for cheap labor, mill towns, homes for workers to live in around the mills

11. **Mass
production**



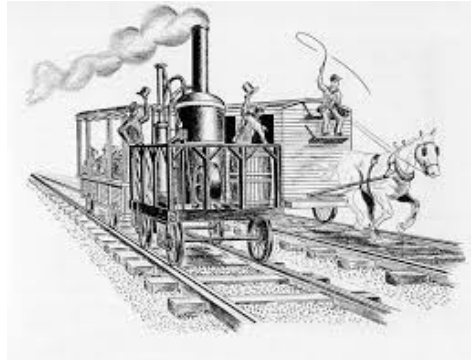
The rapid manufacture of large numbers of identical objects

12. **Morris
Code**



different combinations of dots and dashes that represent each letter of the alphabet

13. **Peter
Cooper**



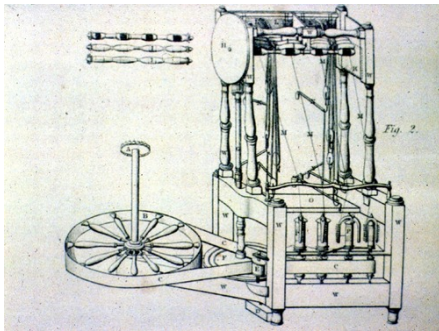
American ironworks manufacturer who designed and built Tom Thumb, the first American locomotive

14. **Rhode
Island
system**



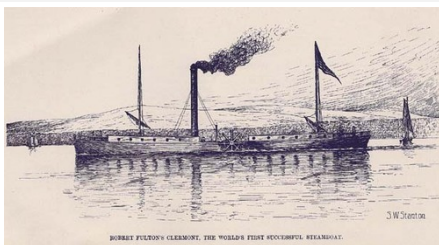
a system developed by Samuel Slater in the mid-1800s in which whole families were hired as textile workers and factory work was divided into simple tasks

15. **Richard Arkwright**



English inventor and entrepreneur who became the wealthiest and most successful textile manufacturer of the first Industrial Revolution. He invented the water frame, a machine that, with minimal human supervision, could spin several threads at once.

16. **Robert Fulton**



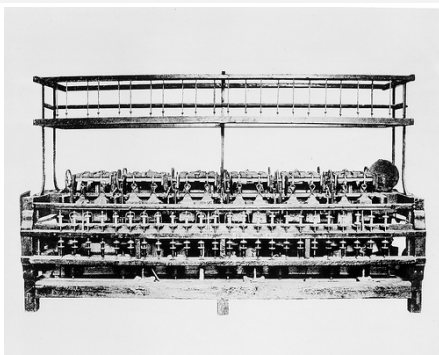
American inventor who designed the first commercially successful steamboat and the first steam warship (1765-1815)

17. **Samuel Morris**



Invented the telegraph

18. **Samuel Slater**



He was a British mechanic that moved to America and in 1791 invented the first American machine for spinning cotton. He is known as "the Father of the Factory System" and he started the idea of child labor in America's factories.

19. **Sarah Bagley**



organized the Lowell Female Labor Reform Association in the 1840s. The group petitioned for the state legislature that there was a 10 hours workday

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21. **The Sirius**

First steam-powered ship to cross Atlantic

22. **Strikes**



times when workers refuse to work until owners improve conditions

23. **Technology**



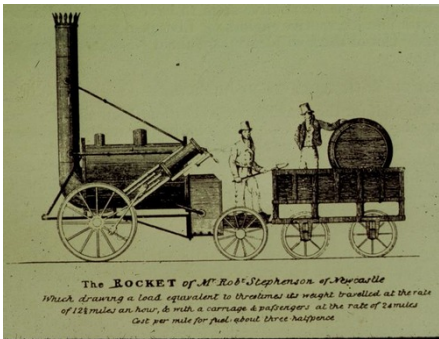
The tools used to produce items or to do do work
The application of scientific knowledge for practical purposes

24. **Textiles**



cloth items- the first industry to be industrialized in the 18th century

25. **The Tom Thumb**



Peter Cooper, 1830, transportation, first steam locomotive

26. **Trade Unions**



groups that tried to improve pay and working conditions for workers
Early labor organizations that brought together workers in the same trade, or job, to fight for better wages and working conditions

27. **Transportation Revolution**



A period of rapid growth in the speed and convenience of travel because of new methods of transportation.