

Name _____

Inventions of the Early 19th Century

Section 1 – Constitutional Basis

“To promote the Progress of Science and useful Arts, by securing for limited Times to Authors and Inventors the exclusive Right to their respective Writings and Discoveries.”

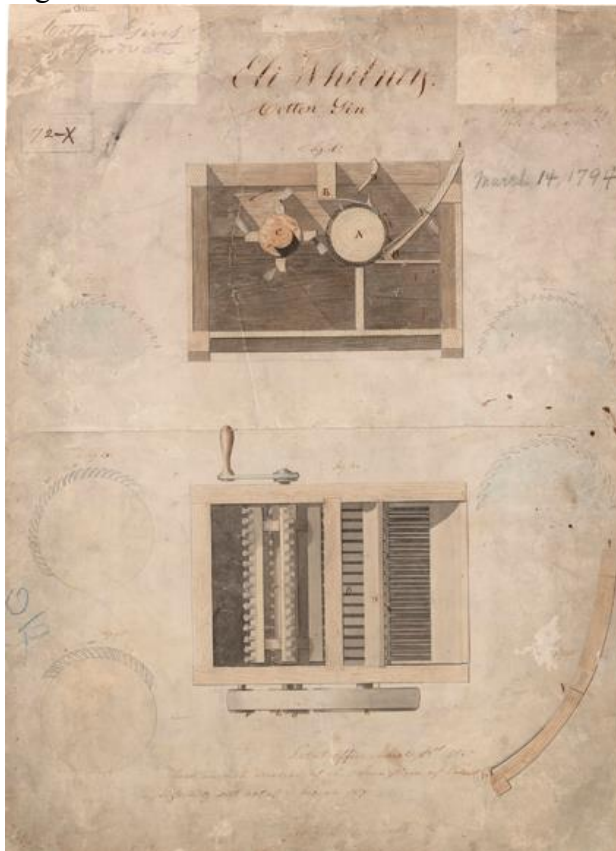
- US Constitution, Article 1, Section 8, Clause 8

1. What does this section of the Constitution allow the US Congress to do?

2. What is a patent?

Section 2 – The Invention of the Cotton Gin

Directions: Use the patent drawing below and the History Channel Video to answer the questions about the cotton gin.



Source: <https://www.archives.gov/education/lessons/cotton-gin-patent>

Video: <http://www.history.com/topics/inventions/cotton-gin-and-eli-whitney>

Georgia Department of Education

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3. Why was cotton a time consuming crop to grow?
4. How did the cotton gin work?
5. What was the impact of the invention of the cotton gin on the institution of slavery?
6. Why did Eli Whitney go into the arms business?
7. How did interchangeable parts change industry and pave the way for the assembly line?

Part 3 – Other Important Inventions of the Early 19th Century

Choose one invention listed below that impacted America in the early 19th Century. Prepare a report for President Jackson in which you detail the expected impact of the invention on the United States. Your report may take the form of a written document or a multimedia presentation. Include a drawing of the invention, a brief explanation of how it works, and the expected impact of the invention on American business and American life.

Choose ONE of the following:

- Steam engine
- Steel plow
- Mechanical Mower-Reaper
- Telegraph
- Sewing Machine