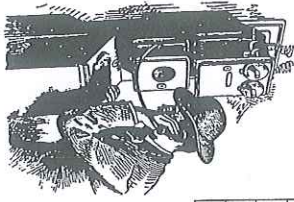
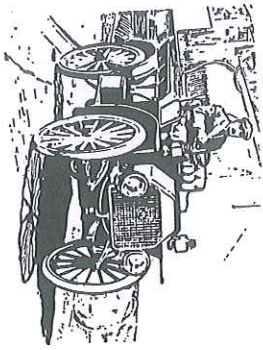
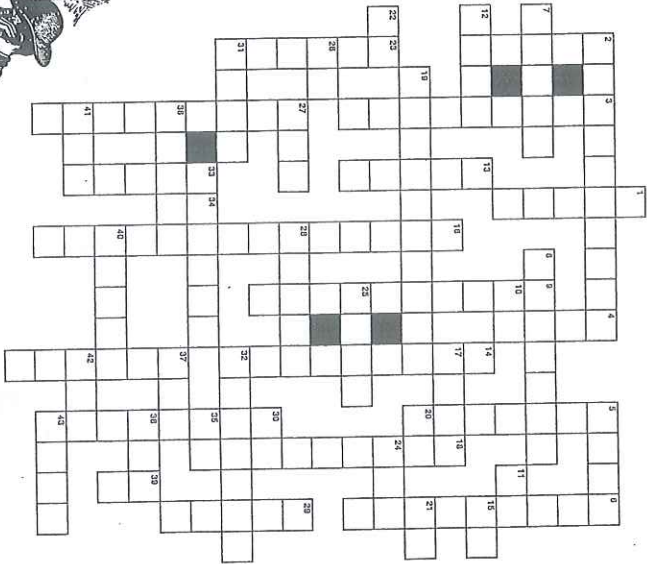


99. Inventions

Necessity is the mother of invention
Jonathan Swift, *Gulliver's Travels*



99. INVENTIONS

ACROSS:

- 2. This 1927 Farnsworth invention that first appeared in only black and white
- 5. "_____ point." Pen invented by Ladislo Biro in 1888
- 7. Oven. An electric version was patented by Hadaway in 1896
- 8. In 1888 George Eastman sold the first ones for 25 cents
- 10. Initials of America's greatest inventor
- 11. Chemical symbol for *indium*
- 12. A tied piece of rope
- 15. Abbreviation for the *Pine Tree* state
- 17. The earth's is 23 1/2 degrees
- 19. Ford sold 15 million of these in 1916
- 20. Abbreviation for *electrical engineer*
- 21. Abbreviation for the *Cowboy* state
- 22. Abbreviation for the *Mountain* state
- 24. Soap ingredient
- 25. "Things that go _____ in the night"
- 26. Abbreviation for the *Golden* state
- 27. Hunt's fastest
- 28. Cloud prefix meaning *rain*
- 30. Abbreviation for the *Quaker* state
- 31. The rusty planet
- 32. 1804 Fulton invention used extensively in World War II
- 33. Robert Goddard's 1926 ingenious action-reaction vehicle
- 35. Chemical symbols for *iodine* and *hydrogen*
- 36. Another word for *spaceship*
- 37. Durand (1810) developed this cylindrical container to help Napoleon carry food for his hungry troops
- 38. Black sticky oil substance
- 40. Comes from the Czech word *robotiz* meaning *compulsory labor*
- 41. The number of protons in a helium nuclei
- 42. The number of months in an ancient Roman calendar
- 43. A half-smile
- 1. Cristofori's musical instrument that "tickled" the world in 1709
- 2. This 1829 Stephenson invention steamed across metal rails
- 3. After 2,000 filaments, Edison turned night into day with this invention in 1879
- 4. Mis-"named" Alaskan town
- 5. 1829 Braille invention that brought the written word to the blind
- 6. Grass-cutting device stolen from clothing manufacturers by Budding in 1831
- 9. Invention of the Manhattan Project that ended World War II (*two words*)
- 13. The world listened in 1876 with this Bell invention
- 14. Robert Fulton's 1807 invention that opened up the Mississippi
- 16. An improved version of Edison's kinetoscope (1895—*two words*)
- 18. Messages sent by Morse code (1834)
- 23. Sucking invention of Spangler (1907)
- 27. Blanchard's invention of 1785 which allows others to reach for the sky
- 29. 1940 Watson-Wart invention that echos the presence of aircraft
- 30. Pressing invention of Gutenberg (1440)
- 33. Marconi's miracle
- 34. Chemical symbols for *oxygen* and *fluorine*
- 37. Eli Whitney's (1793) gin that sent the textile mills spinning
- 39. Chemical symbol for *radium*

DOWN:

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