

Evans, Oliver—*Continued*  
*Millwright and Miller's*  
*Guide*, 71; *Oruktor Amphilo-*  
*lon*, 72, 83; *Young Engi-*  
*neer's Guide*, 73; death (1819),  
 74; prophecy as to use of  
 locomotive, 74; bibliography,  
 249

Faraday, Michael, English in-  
 vestigator of electricity, 195;  
 and Henry, 197; dynamo,  
 202

Farley, Harriet, in Lowell  
 factory, 93

Farm inventions, *see* Agri-  
 cultural machinery

Farmer, M. G., electric-driven  
 locomotive (1847), 202

Fessenden, R. A., and wireless  
 telegraphy, 146

Field, C. W., and Atlantic  
 Cable, 145-46

Field, S. D., electric railway,  
 214

Firearms, Whitney manu-  
 factures, 180-82, 183;  
 North's plant, 182; machine  
 tools and standardization of  
 parts, 185; Colt as inventor  
 and manufacturer, 187-91

Fisher, George, and Howe,  
 100

Fitch, John, steamboat, 22-23,  
 29, 59; patent for distilling  
 alcohol, 30; life, 58-59

Floridas, Spanish possession  
 (1790), 23

Folger, Abiah, mother of  
 Franklin, 1

Folger, Peter, grandfather of  
 Franklin, 1

France, Franklin in, 19-21;  
*Treaty of Alliance*, 21; Ful-  
 ton in, 63; balloon experi-  
 ments, 220-24

Francis, S. W., typewriter,  
 150

Franklin, Benjamin, parents,

1; birth (1706), 1; child-  
 hood, 2; *Autobiography*, 2;  
 apprenticed, 3; journey to  
 Philadelphia, 3; finds em-  
 ployment, 3; goes to London,  
 4; *A Dissertation on Liberty*  
*and Necessity*, 4; returns to  
 Philadelphia, 4; founds Jun-  
 to, 5; established in business,  
 5; *The Nature and Necessity*  
*of a Paper Currency*, 5; and  
*Pennsylvania Gazette*, 6-7,  
 149; *Poor Richard's Alman-*  
*ack*, 7; keeps a shop, 7;  
 frugality, 8; *Journal of a*  
*Voyage from London to Phila-*  
*delphia*, 8; invents stove, 9;  
 bifocal spectacles, 9; interest  
 in natural phenomena, 8-12;  
 discoveries in electricity, 9-  
 11; elected member of Royal  
 Society, 11; influence, 12-13;  
 establishes first circulating  
 library, 13; founds academy,  
 13; *Plain Truth*, 13; and  
 American Philosophical So-  
 ciety, 14; Deputy Postmaster  
 General, 14-15; "Albany  
 Plan of Union," 15-16; and  
 Braddock, 16-17; sent to  
 London by Assembly, 18;  
 and the Revolution, 18-21;  
 in Continental Congress, 19;  
 accomplishments (1775-76),  
 19; envoy to France (1776),  
 19-21; President of Council  
 of Pennsylvania, 21; Con-  
 vention of 1787, 21; death  
 (1790), 23; and balloons,  
 220-25; bibliography, 248

Franklin, James, brother of  
 Benjamin, 2-3

Franklin, Josiah, father of  
 Benjamin, 1

Franklin, William, son of Ben-  
 jamin, 18

Franklin Institute, 139

Franklin stove, 9

French and Indian Wars, 15-18