Brooklyn Rapid Transit, 146

Calhoun, Patrick, 124

Carnegie, Andrew, a maker of American Steel Age, 59; quoted, 60; genius of, 66-69; retires from business life, 80; sells interests to Morgan, 84

Carnegie Steel Company, 76, 79 Carty, J. J., improves telephone,

93, 102-03

Chieago, steel production in, 77; telephones in, 89; street 1ailway corruption, 125-26, 142-143, 144-45; McCormick establishes factory at, 162

Choate, J. H., 130

City government, corruption of, 123-24; see also Chicago, New York City

Civil War, effect on industrial development, 13 et seq. Cleveland, Grover, 131

Cleveland, oil refining center, 36; steel production in, 77

Clifford, George, conducts ease for Western Union against Bell Company, 112

Coal, importation in 1865, 4; deposits in U. S., 4-5

Coggeswell, W. L., 12

Coleman, Pittsburgh steel magnate, 66

Colorado Fuel and Iron Company, 57, 77 Columbia Conduit Company, 39

Competition in 1865, 7-9
Conkling, Roscoe, counsel for legislative investigation of Broadway franchise 136 188

Broadway franchise, 136, 138 Conneaut (O.), terminus for ore shipping, 75; Carnegie builds

steel plant at, 82 Connellsville coal, 71-72 Cooper, Peter, 12

Copper importation in 1865, 4 Cudahy Packing Company, 170

Daimler, Gottlieb, inventor of gasoline engine, 174

Deering, William, 159-60, 168
Deering Company, William, 167
Dolan helps combine public
utilities, 121
Doolittle, T. B., invents hard-

drawn copper wire, 102 Drake, E. L., drills first oil wells,

29-30

Duryea, C. B., constructs automobile, 178

Edison, T. A., devises telephone transmitter, 101, 112; invents incandescent light, 121

Elkins, W. L., helps combine public utilities, 121; in Philadelphia, 123, 129, 134; connection with Broadway franchise, 138; in Chicago, 142, 143, 145

Emery, Lewis, Jr., builds pipe lines, 55

Empire Transportation Company, 39

Everett, P. M., discovers iron in Minn., 63-64

Federal Steel Company, 81 Flagler, H. M., associate of Rockefeller, 35, 42

Flower, R. P., Governor of N. Y., 123-24

Ford, Henry, wealth, 172; life and achievements, 176 et seq. Forests, beginning of exploitation, 3

Frick, H. C., a maker of American Steel Age, 59, 66; personal characteristics, 70-71; "coke king" of Connellsville, 71-72; receipts in 1900, 80

72; receipts in 1900, 80
Fullgraff, "boodle alderman" in
New York street railway cor-

ruption, 137

Gates, J. W., introduces wire fencing, 78–79; discusses steel situation with Morgan, 84