

ILLUSTRATIONS

THOMAS A. EDISON (ABOUT 1877) WITH HIS FIRST PHONOGRAPH

Photograph. In the collection of I. C. Handy, Washington. *Frontispiece*

FRANKLIN'S ORIGINAL ELECTRICAL MACHINE, 1746

In the collection of the Franklin Institute of the State of Pennsylvania, Philadelphia. Reproduced by courtesy of Dr. G. A. Hoadley. *Facing page 16*

ROBERT FULTON

Painted by himself. Original in the possession of the American Society of Mechanical Engineers, New York. " " 64

MODEL OF STEAM ENGINE, BY OLIVER EVANS, 1804

Photograph from the original article in The Franklin Institute of Pennsylvania, Philadelphia. By courtesy of Dr. G. A. Hoadley. " " 80

HOWE'S FIRST SEWING MACHINE

Photograph from the original in the National Museum, Washington.

ELIAS HOWE

Painting in the National Museum, Washington. " " 104

MCCORMICK'S REAPER AS MANUFACTURED IN THE FIFTIES

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