

*Illustrations from*

HISTORY  
OF THE  
COTTON MANUFACTURE  
IN GREAT BRITAIN

EDWARD BAINES



Printed by Jos: Wright, R.A.

Engraved by J. Jenkins.

SIR RICHARD ARKWRIGHT.

*Rich: Arkwright*

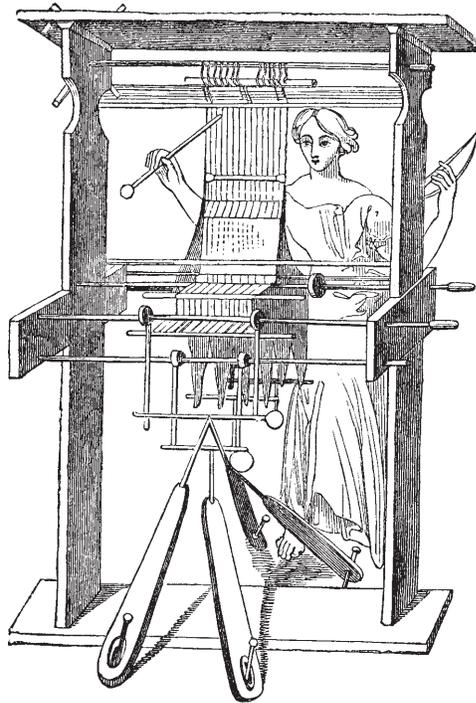
Portrait of Sir Richard Arkwright. *Frontispiece*



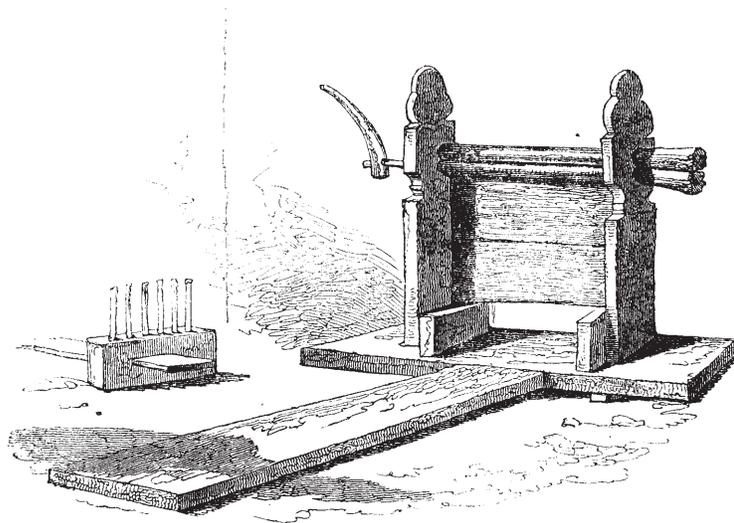
Cotton Pod and Flower. 13



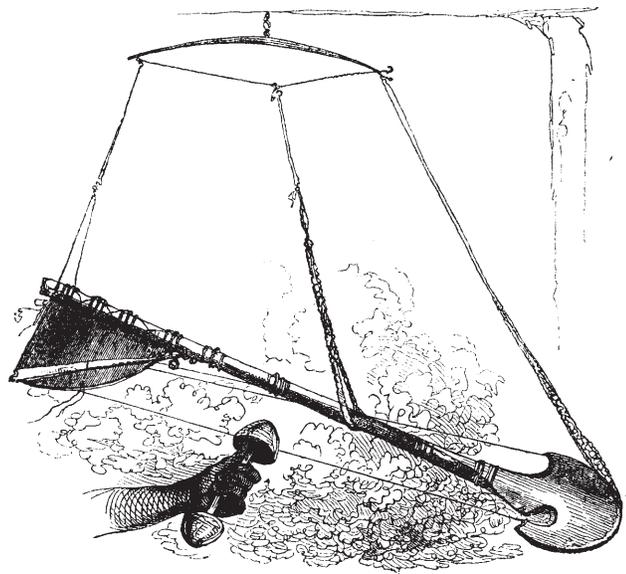
Ancient Figure of a Female Spinning with the Distaff. 49



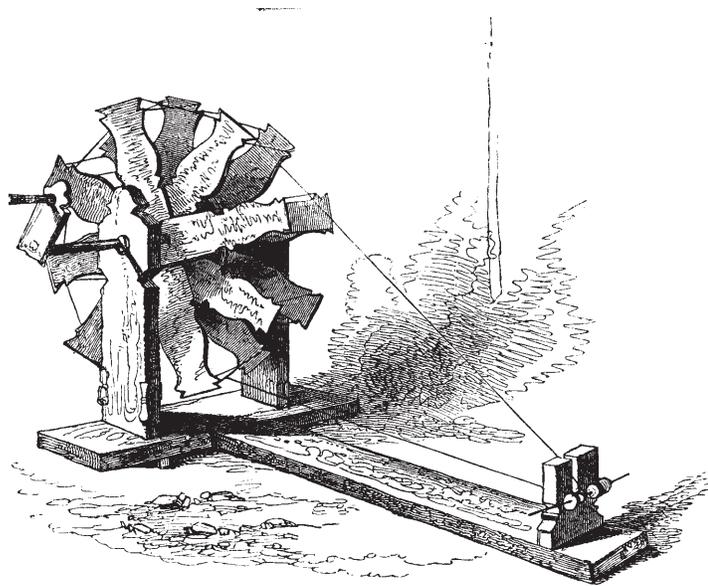
Ancient Figure of a Female Weaving. 51



Indian Hand-Mill for Cleaning Cotton. 66



Indian Bow for Opening Cotton. 67



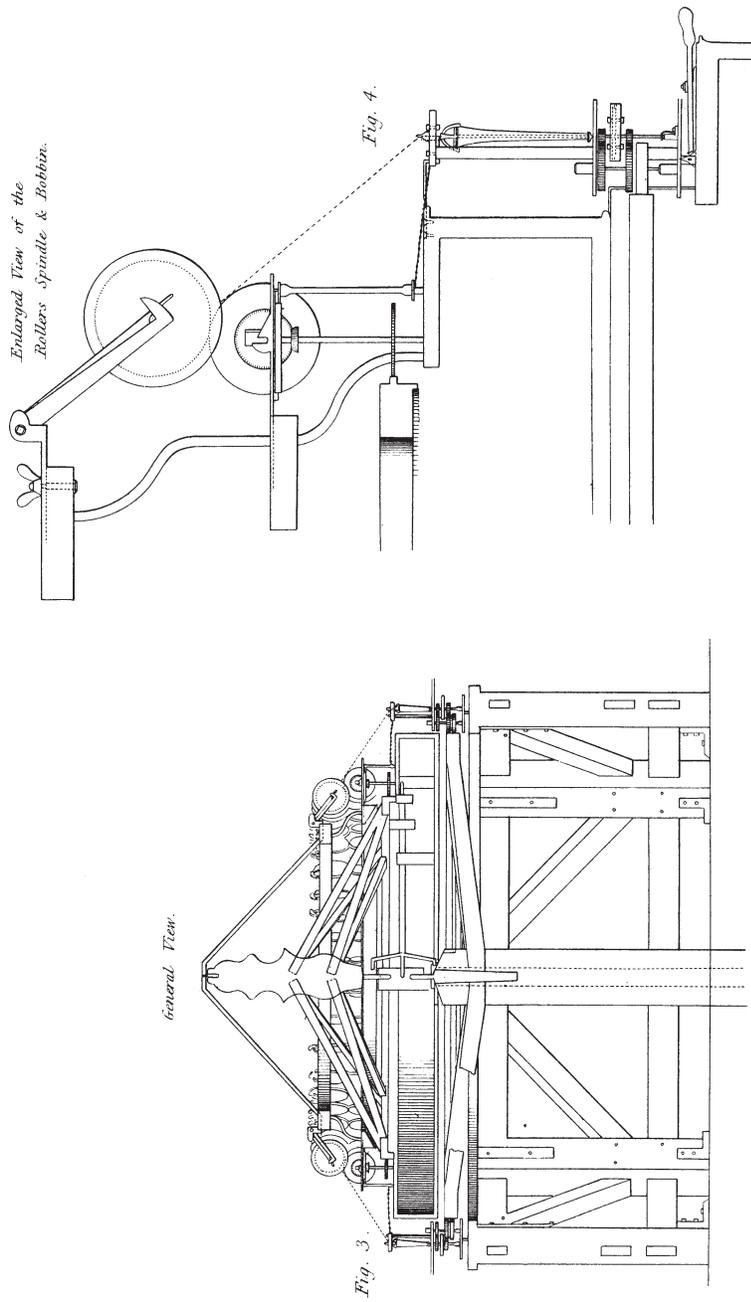
Indian Spinning Wheel. 68



View of Indian Cotton Weaving. 70



Woman Spinning on One-Thread Wheel. 118



LEWIS PAUL'S SPINNING MACHINE.

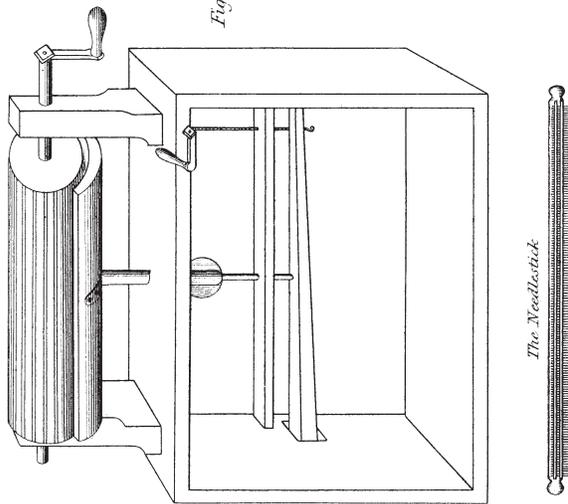
PATENT 1758.

J. M. Lowry sculp.

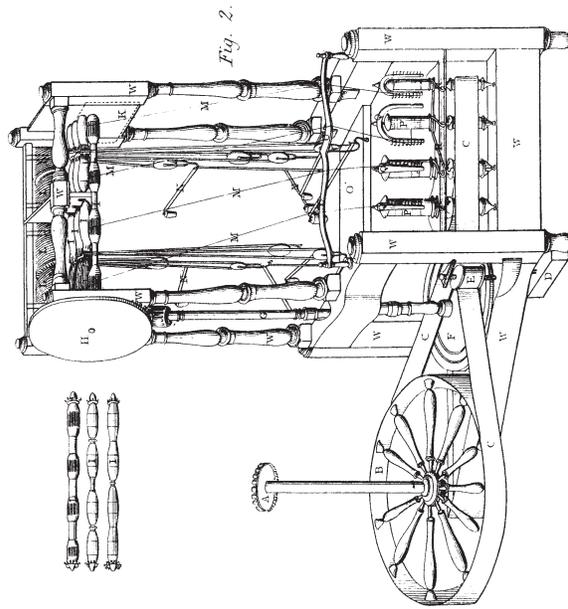
PATENT MACHINES IN THE COTTON MANUFACTURE.

COPIED FROM THE ORIGINAL DRAWINGS ATTACHED TO THE SPECIFICATIONS IN THE PATENT OFFICE.

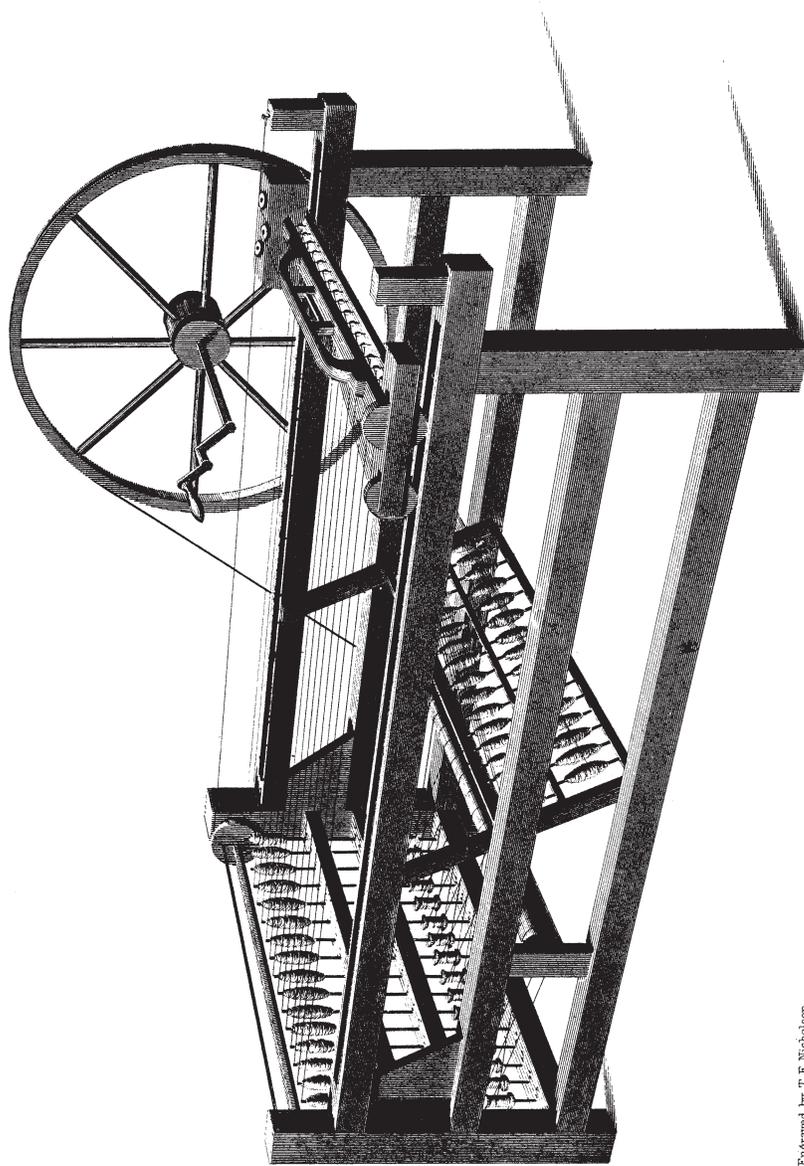
*Lewis Paul's Carding Cylinder.  
Patent 1748.*



*Sir Richard Arkwright's Spinning Machine.  
Patent 1769.*



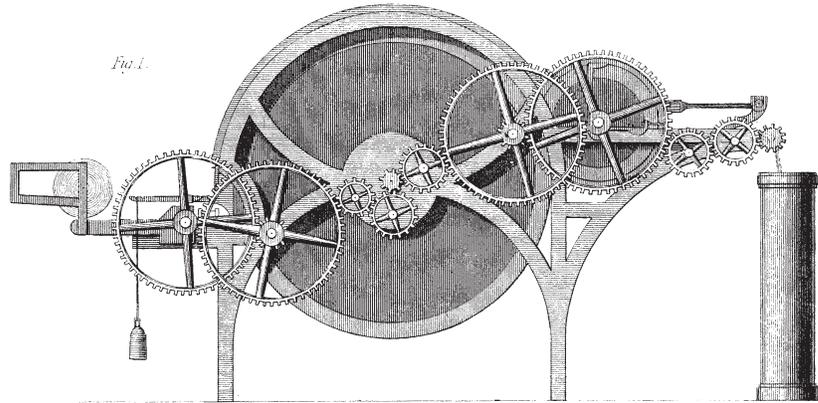
THE SPINNING JENNY.



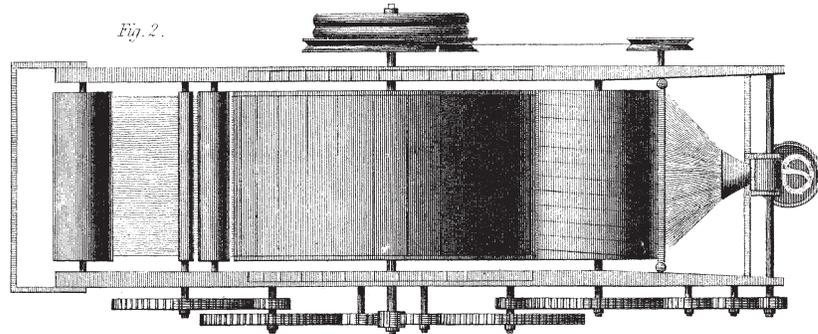
Engraved by T. E. Nicholson.

Hargreave's Spinning Jenny. 158

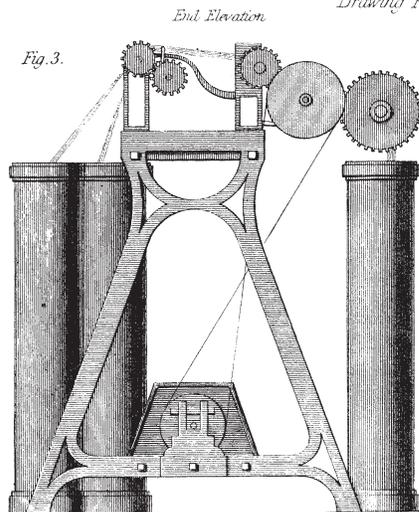
*Carding Engine - End Elevation .*



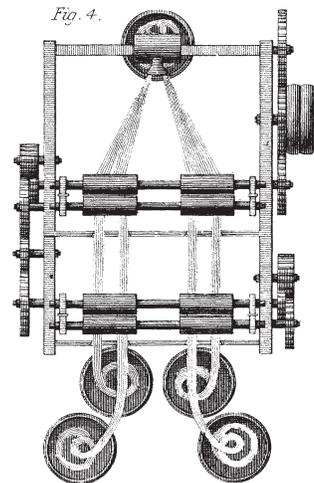
*Carding Engine - Plan .*



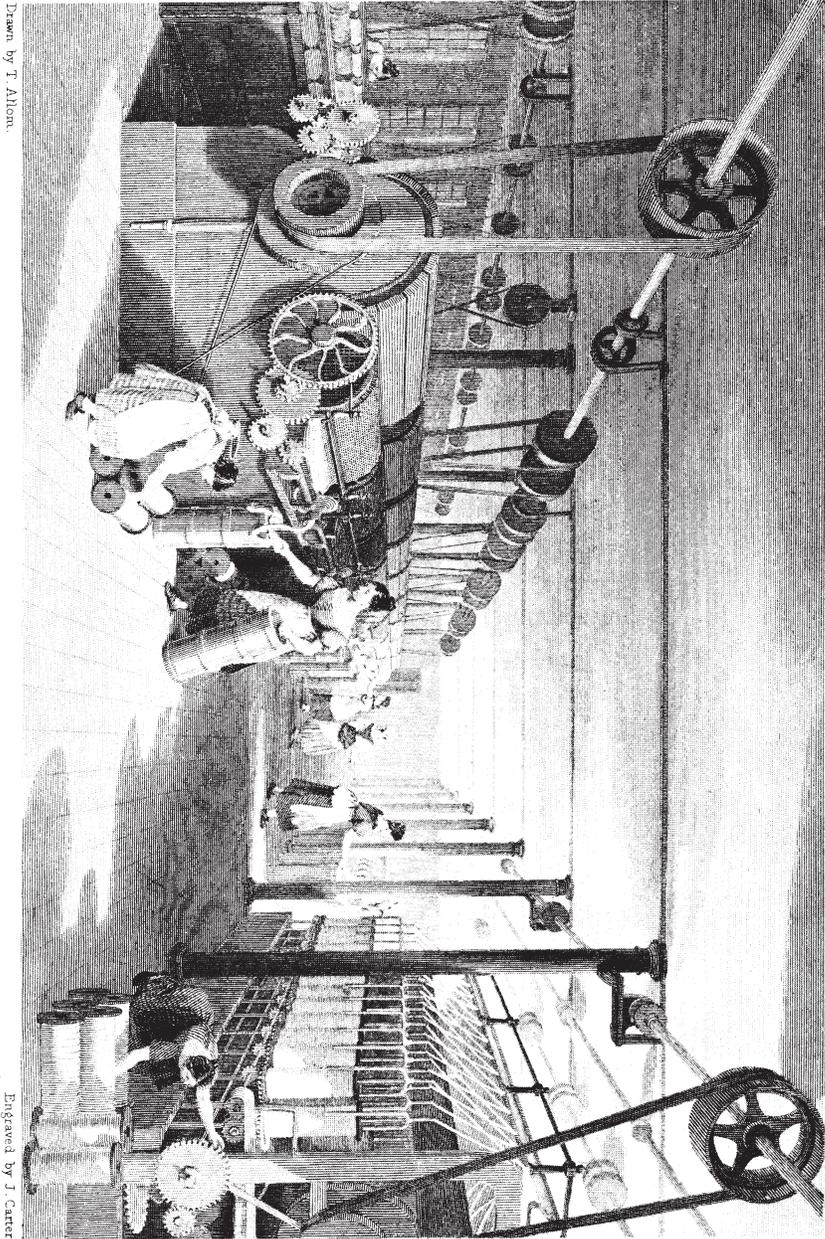
*Drawing Frame .*



*Plan .*



CARDING ENGINE & DRAWING FRAME.

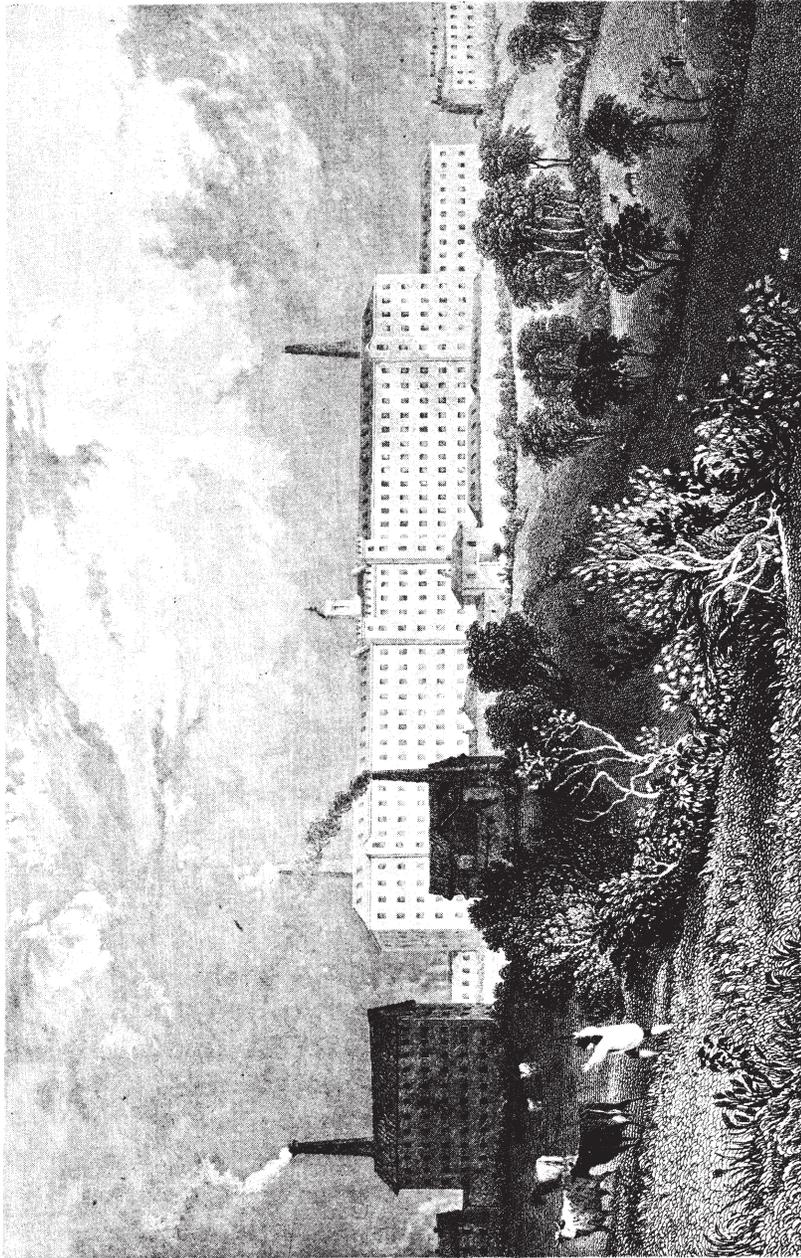


Drawn by T. Allom.

Engraved by J. Carter.

CARDING, DRAWING, AND ROVING.

View of Carding, Drawing, and Roving. 182

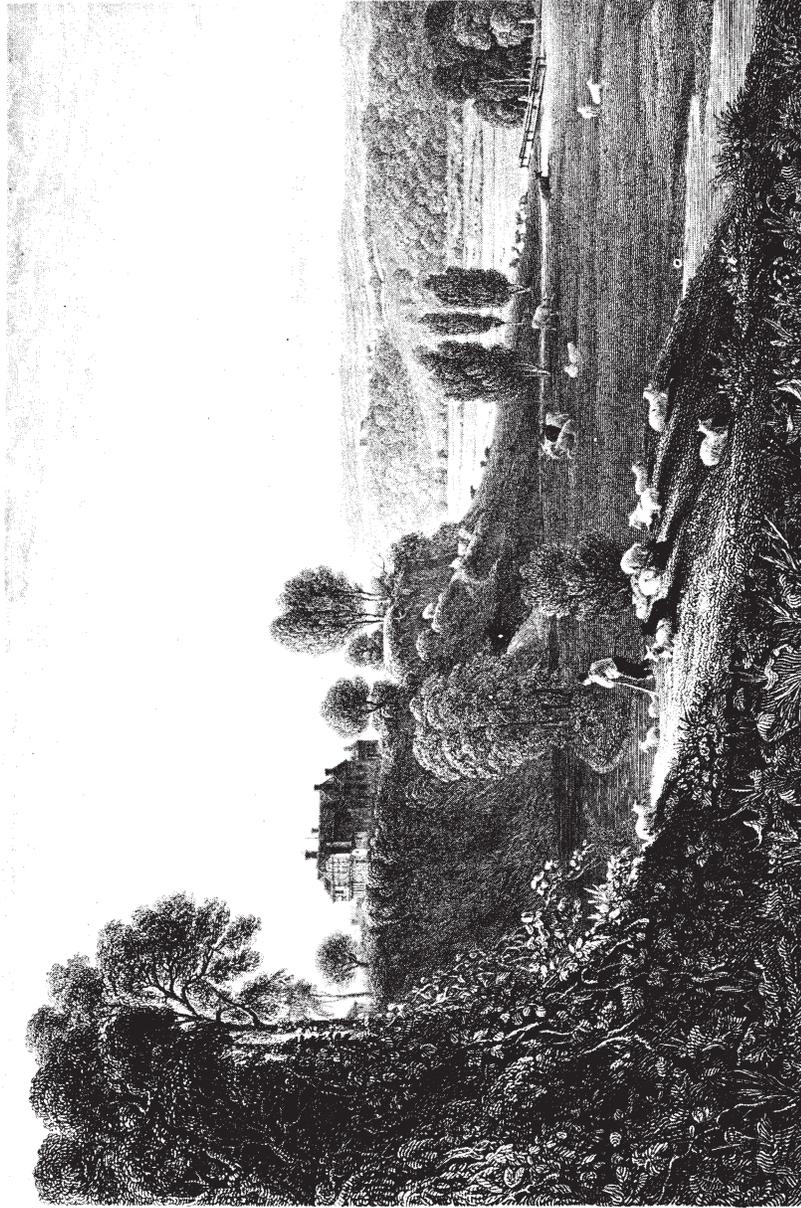


Engraved by J. Tingle.

7 Stories high-158 Yds long-18 Yds broad-600 Windows-32,500 Panes of Glass.

Drawn by T. Allom.

THE FACTORY OF MESSRS SWAINSON, BIRLEY, & CO NEAR PRESTON, LANCASHIRE.



Engraved by Tho' Higgham.

From a Painting in the possession of Benj<sup>th</sup> Hick, Esq of Bolton.

Painted by W<sup>th</sup> Linton.

HALL IN THE WOOD, NEAR BOLTON.

Hall-in-the-Wood, near Bolton. 199



Painted by -Allingham.

Engraved by Jas. Morrison.

SAMUEL CROMPTON

*Saml Crompton*

Portrait of Samuel Crompton. 203

Fig. 1. Throstle-End Elevation.

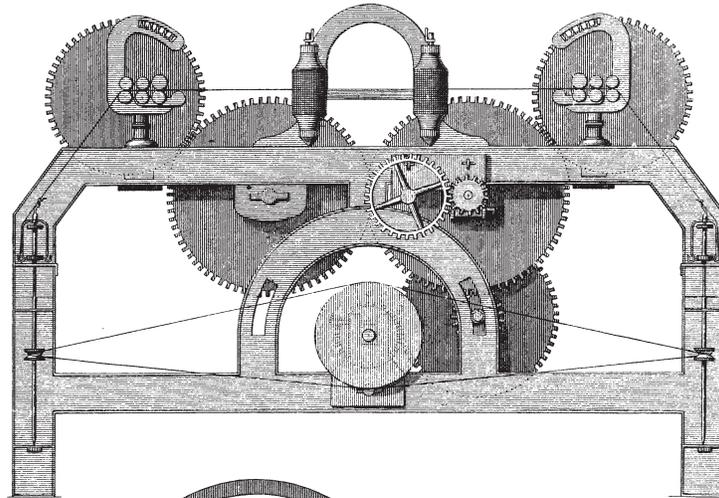


Fig. 2. Mule Jerry.

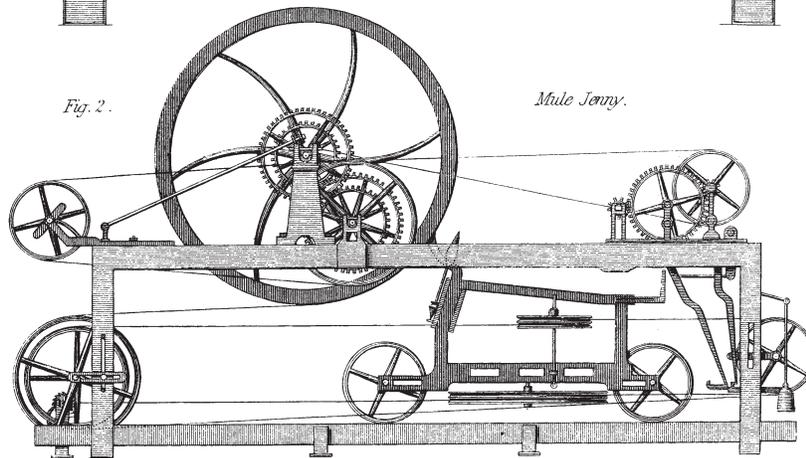
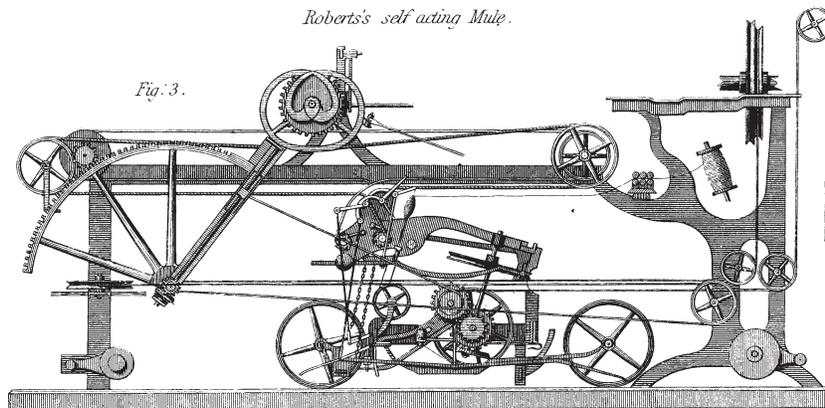
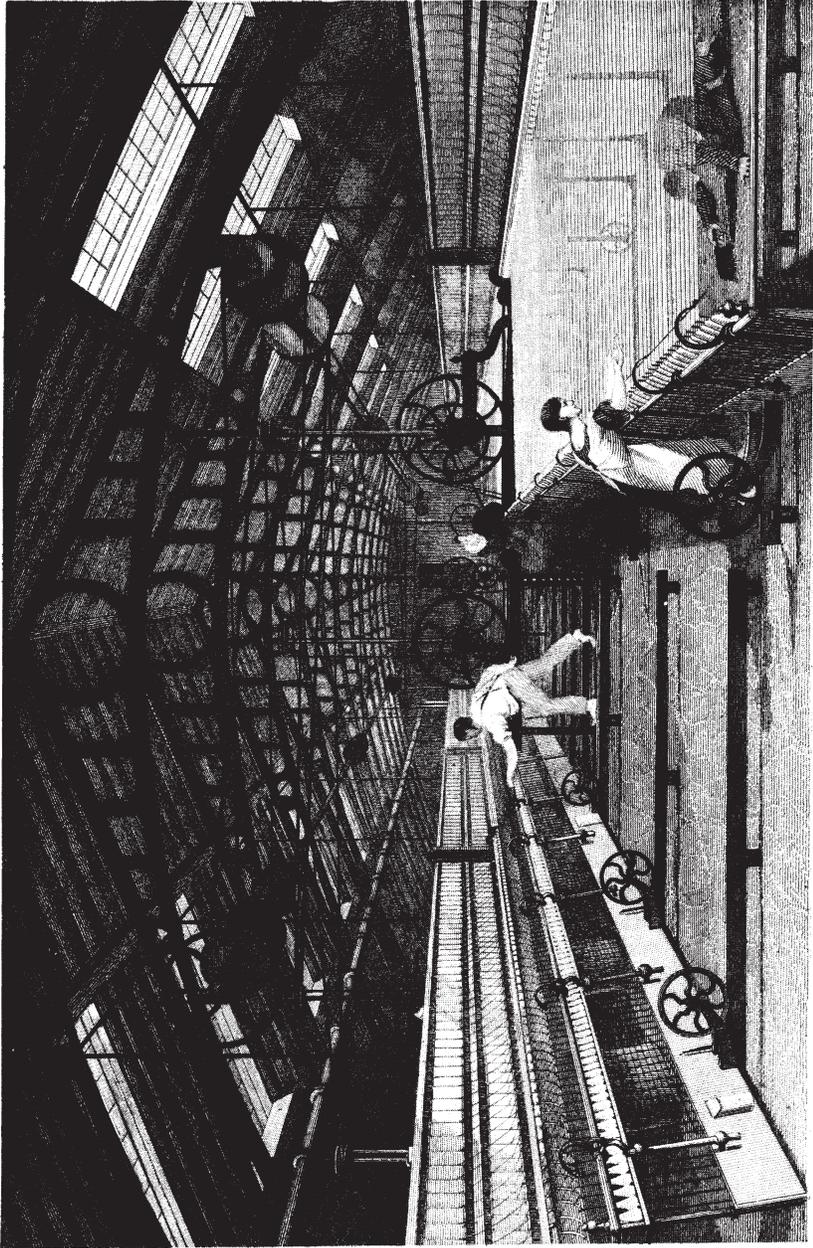


Fig. 3. Robert's self acting Mule.



THROSTLE, MULE, & SELF ACTING MULE.

J.W.Lowry.



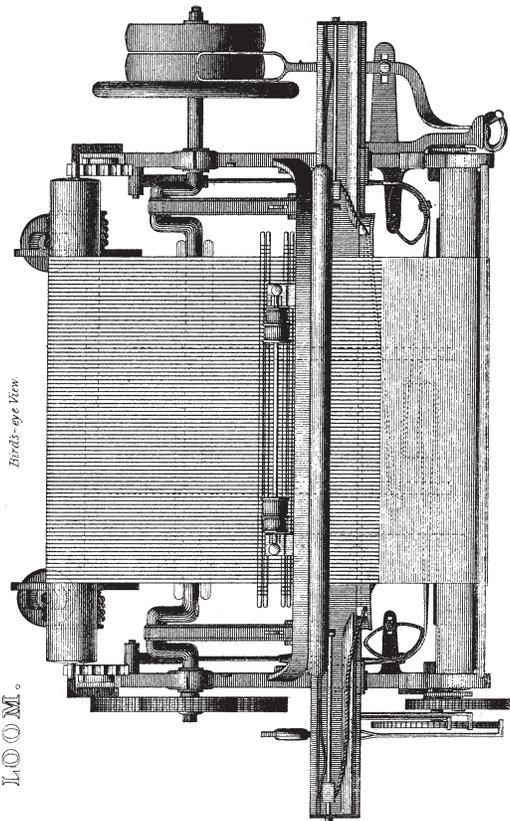
Engraved by J. W. Lowry

Drawn by T. Allom.

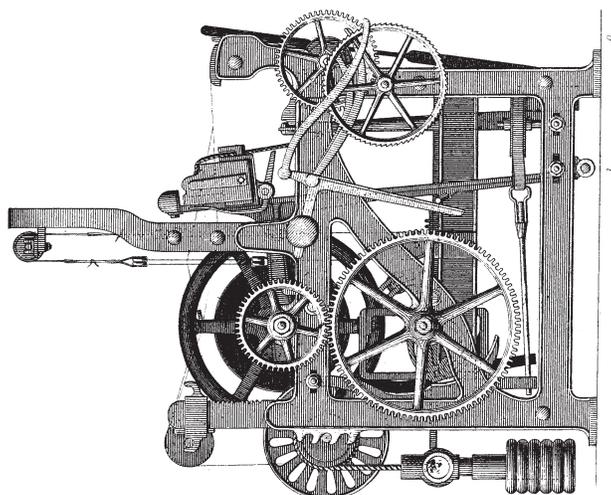
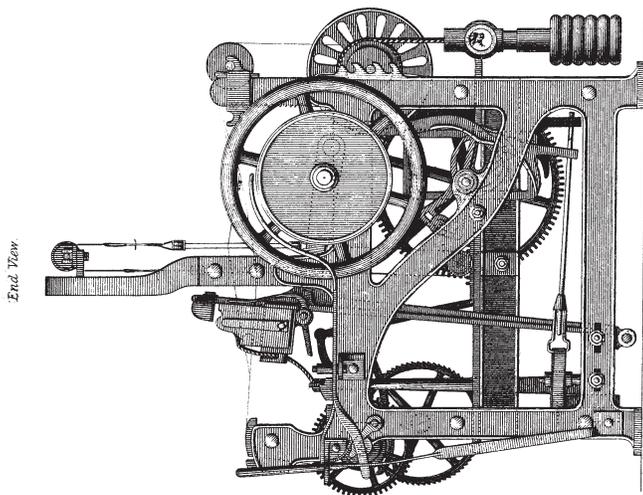
MULE SPINNING.

View of Mule Spinning. 211

LOOM.



POWER.



End View

Front View

Scale of Feet

1 2 3 4 5 6 7 8 9 10

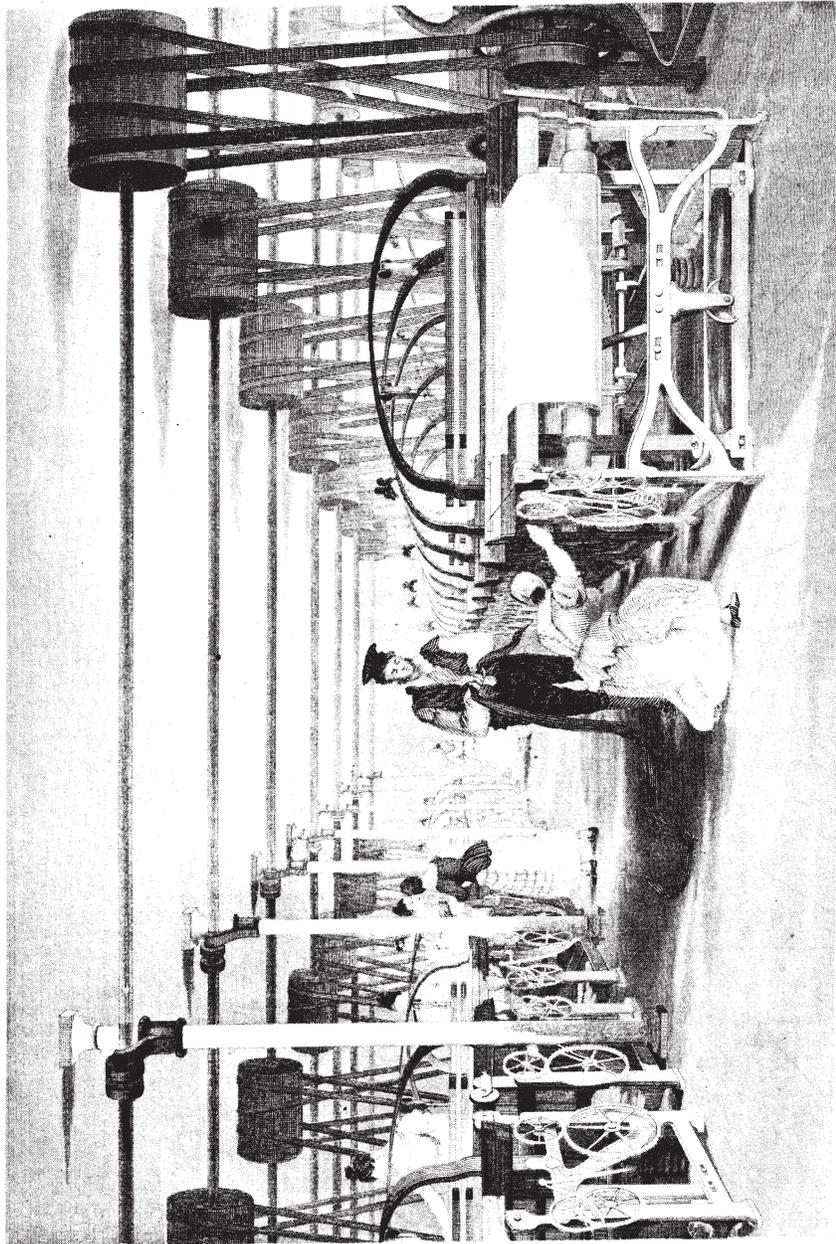
1 2 3 4 5 6 7 8 9 10

J. W. Lowry

Sharp & C<sup>o</sup>.

Power-Loom. 235

Double-page spread rotated 90° to fit on page.



Engraved by J. Ingle.

Drawn by T. Allen.

P O W E R L O O M W E A V I N G .

View of Power-Loom Weaving. 239



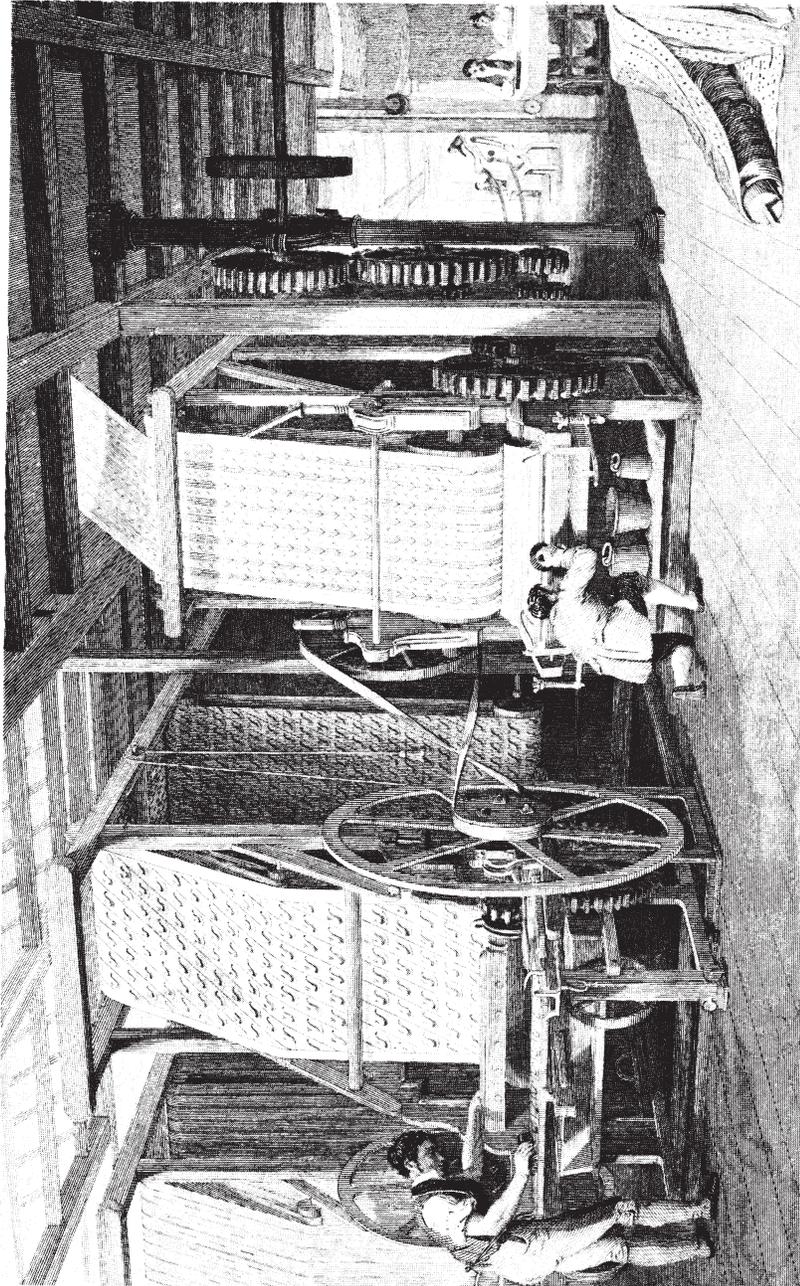
Painted by Sir Tho<sup>s</sup> Lawrence, P.R.A.

Engraved by H. Robinson.

SIR ROBERT PEEL BART

*Robert Peel*

Portrait of Sir Robert Peel. 263



Engraved by J. Carter.

Drawn by T. Allom.

CALICO PRINTING.



*Gossypium herbaceum*—Herbaceous Cotton.

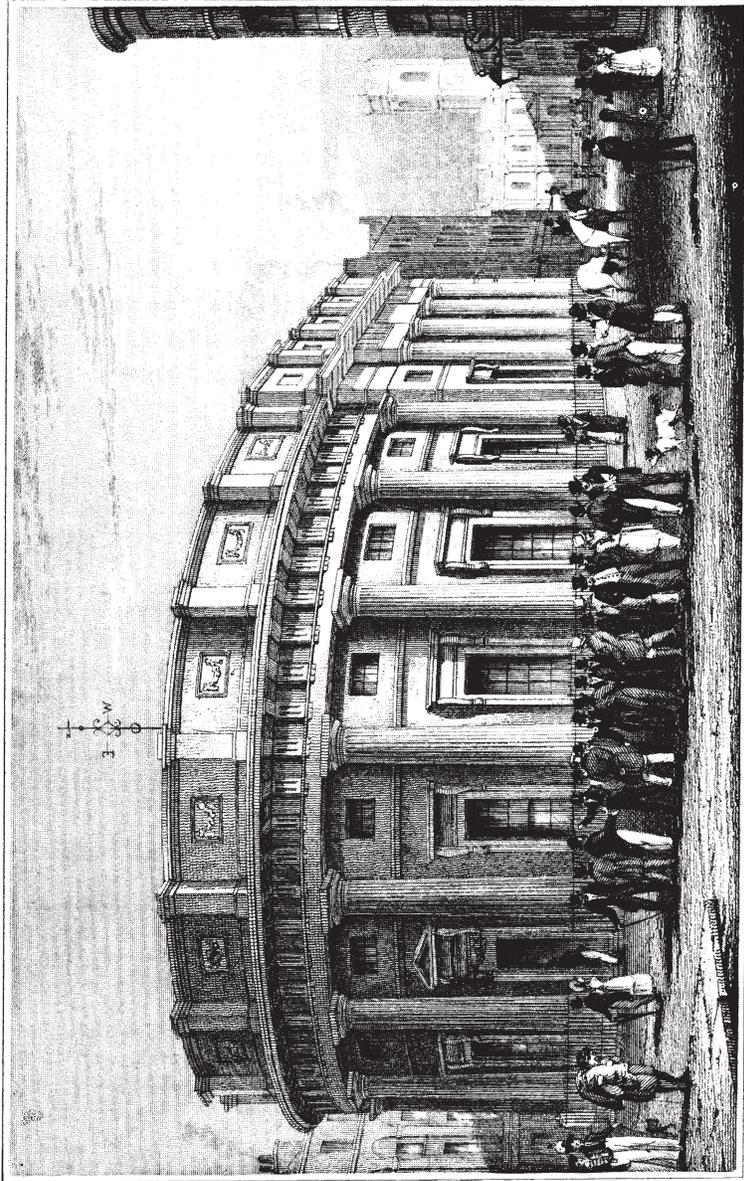


*Gossypium religiosum*—Shrub Cotton.

Shrub Cotton. 291



*Gossypium Arboreum*—The Cotton Tree.

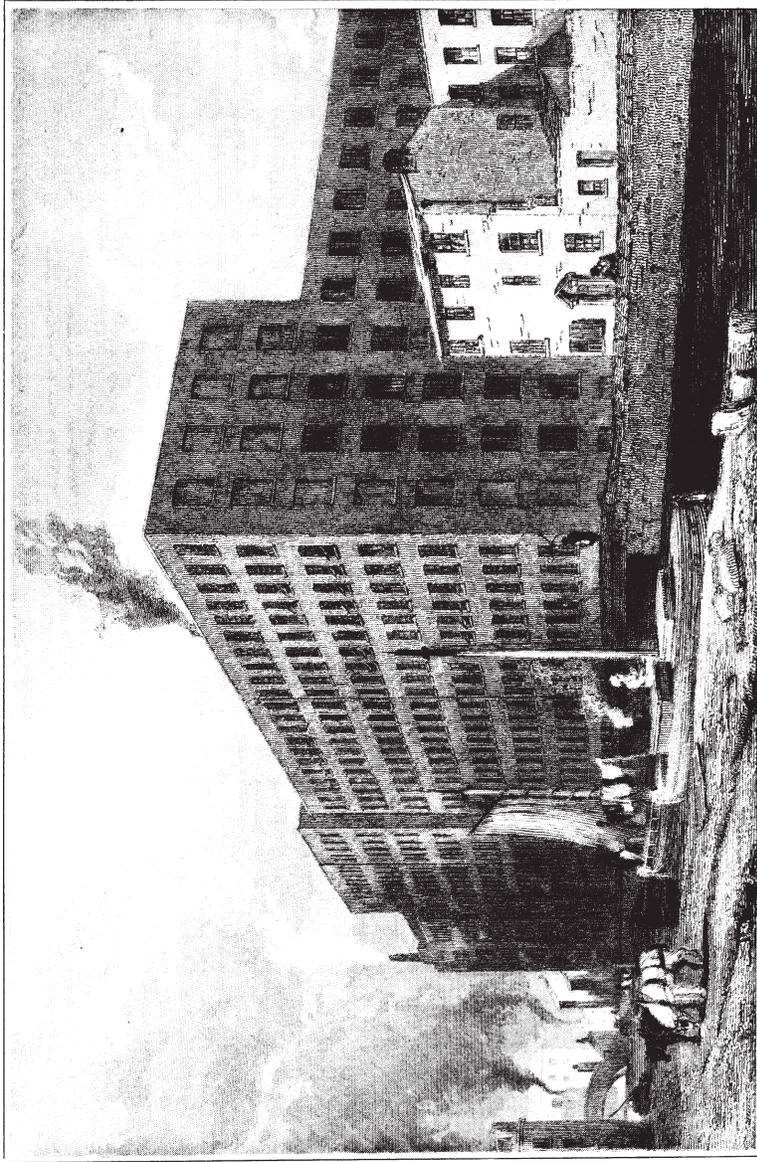


M. J. Starling.

THE EXCHANGE, MANCHESTER.

Harwood

The Exchange, Manchester. 360



M. Gaby.

COTTON FACTORIES, UNION STREET, MANCHESTER.

Au stin.

Cotton Factories, Union Street, Manchester. 395

MAGNIFIED FIBRES OF COTTON.

