CONTENTS.

INTRODUCTION.


SECTION FIRST.

PLAIN WEAVING.

Winding or Spooling—Beaming—Drawing or Entering—Yarn Beam—Cloth Roller—Rods—Heads—Lay and Reed—Temple—Shuttles—Operation of Weaving—Sizing—Treading—Crossing the Shuttle—Striking up the Web—Stripes and Checks—Warping Striped Webs, &c. 69
CONTENTS.

SECTION SECOND

TWEELING.
Tweedled Cloth—Mounting of Looms for Tweeling—Draughts and Cordings—Arrangement of Treadles—Breaking the Tweel—Various kinds of Tweels—Various kinds of Tweeled Stripes—Dimity Cord Mounting—Dornic and Diaper—&c. . . . . . . . . . 96

SECTION THIRD

WEAVING DOUBLE CLOTH.
Tweeling Double Cloth—Marseilles Quilting—The Junction of Two Unequal Fabrics—Diagonal Quilt—Waved Quilt—Diamond Quilt—Double Cloth Harness—Velvets—Plain or Tabby-backed Velvet—Simple Jean Velvet—Plush Velvet—&c. . . . . . . . . . 116

SECTION FOURTH

WEAVING CROSSED WARPS.

SECTION FIFTH

FIGURED WEAVING.
Draw Loom—Mounting the Draw Loom—Reading or lash ing Patterns—Counterpoise Harness—Design and Colouring—Ornamental Drawing—Harmonious Colouring—Design Paper—Designing Patterns—Comb Draw Loom. . . . . . . . . . . . . 143

SECTION SIXTH

FIGURED WEAVING.
Barrel or Cylinder Loom—Jacquard Machine—Cutting or Punching the Pattern Cards. . . . . . . . . . . . . . . . . . . 182

SECTION SEVENTH

CARPETING.
Ingrain, Three-ply, Wilton, Brussels, Velvet Pile and Turkey Carpets—Manufacture of Carpets, Rugs, &c., by Cementing a Nap or Pile on Plain Cloth—Chenille—Gobeline Tapestry—Cashmere Shawls—Origin and Progress of the New Race of Cashmere or Angora Goats—Spinning Cashmere Wool—Weaving Imitation Cashmere Shawls—&c. . . . . . . . . . . . . . . . . . . 210

SECTION EIGHTH

LACE MANUFACTURE.
Egyptian Lace—Letter from Alexis Kerevenus—Various kinds of Lace-making Machines—Embroidery—Hielmann's Embroidering Machine—Letter from Mr. Hielmann. . . . . . . . . . . . . 275
CONTENTS.

SECTION NINTH.

Spooling, Warping and Sizing, by Power. ................................................... 330

SECTION TENTH.

PLAIN WEAVING, BY POWER.


SECTION ELEVENTH.

FANCY WEAVING, BY POWER.


SECTION TWELFTH.

FIGURED WEAVING, BY POWER.