Table of Contents

	PRINCIPLES AND METHODS OF DESIGN Page *11
	Primary Elements in Design—Use of Design Paper—Warp and Weft or Woof—Plain Cloth—Twills (Plain and Fancy, Steep and Reclining)—Diagonals—Intersections, Interlacing, and Cut Sections—Exercises in Plan Making—Exercises in Spot Weaves—Color Effects—Hair Line—Design from a Written Formula—Harness, Heddles, and Eyes or Mails—Warping and Dressing—Actuating the Harnesses—Drafting and Reduction—Twilling—Flushes—Straight Over-Draw—Fancy Twills—Reverse Twills—Diaper Work and Point Draws—Damask—Double, Triple, and Alternate Drafts—Exercises in Drafts and Chain Plans—Sateen Weaves—Satin—Satinet—Kentucky Jean—Sateen Stripes—Cotton Sateen Stripe—Overchecks—Plain and Irregular Rib Weaves—Warp Effect—Filling Effect—Figured and Oblique Rib Weaves—Basket Weaves—Corkscrew and Double-Twill Weaves
	DESIGN OF SPECIAL FABRICS Page 121
	Single Cloth—Backed Cloth—Double Cloth—Methods of Backing Cloth (with Filling, with Warp)—Binding of Double Cloths—Laying Out a Double-Cloth Design—Three-Ply or Triple Cloth—"Double Plain" Cloth—Stripe and Check Patterns—Spot Weaves—Pile or Plush—Warp Pile—Filling Pile—Cut and Loop Pile—Corduroy—Velvet—Terry Cloth—Turkish Towel Cloth—Brussels Carpet—Wilton Carpet—Chinchilla—Piqué—Figured Piqué—Jacquard Designing—Principles of the Jacquard Machine—Card Cutting—Casting Out—Distribution of Pattern—Areas—Arrangement of Figure—Figures Formed with Both Warp and Filling—Figures not Square—Diagonals
	CROSS-WEAVING
	Plain Gauze Fabrics—Ground Threads—Crossing Threads—Standard and Doup—Full Gauze Fabrics—Leno Designs (Simple and Fancy)—Diamond Patterns—Warp and Filling Figures with Gauze—Openness in Gauze and Closeness of Texture in Plain and Figure—Open-Work Leno Designs—One-Thread-Crossing-One and One-Thread-Crossing-More-than-One Systems—Swans-down Weave—Leno Stripes
	BRINCIPLES OF TEXTILE COLORING; COST-FINDING Page 281
3	Elements of Woven Patterns (Weave and Color)—Theories of Color (Pigment Theory, Light Theory)—The Spectrum—Classification of Colors (Simple, Compound)—Primary, Secondary, and Tertiary Colors—Relation of Color to Textiles—Effects of Fibers on Colors—Tones—Tints—Shades—Hues—Broken Colors—Value—Potentiality of a Color—Scaling—Luminous Colors—Value—Potentiality of a Color—Value—Potentiality of a C
	Neutral Colors—Complementary Colors—Color Combinations—Cost-Finding—Systematic Account-Keeping—Cash Book—Kinds of Accounts—Manufacturing Costs—Manufacturing Labor—Reports of Spinning Room, Weaving Room, etc.—Costs of Maintenance, Power, Administration, etc.—Semi-Annual Cost Sheets—Assembling Sheets
	I _{NDEX}

^{*}For page numbers, see foot of pages.