

CONTENTS

	<i>Section</i>	<i>Page</i>
WOOL		
Animal and Other Fibres	27	1
Properties of Wool	27	8
Waste Wools	27	17
Recovered Wools	27	18
British Wools	27	23
Colonial Wools	27	25
Foreign Wools	27	26
Hair Used for Textile Purposes	27	30
Trade Practices and Terms	27	31
Wool-Sorters' Disease	27	35
Chemical Terms and Formulæ	27	39
WOOL WASHING		
Dusting Wool	28	1
Dusting Machines	28	3
Impurities in Wool	28	20
Washing Materials	28	26
Purification of Water	28	33
Washing Liquor	28	46
Washing Machines	28	51
Desuinting Machinery	28	73
Measurement of Temperature and Density	28	86
WOOL DRYING		
Drying Machines With Intermittent Action	29	1
Hydro-Extractors	29	3
Table Dryers	29	7
Drying Machines With Continuous Action	29	12
Pneumatic Conveyers	29	37

	<i>Section</i>	<i>Page</i>
BURRING AND CARBONIZING		
Burrs	30	1
Burring Machines	30	4
Burr Rollers	30	23
Management of Burring Machines	30	24
Carbonizing Processes	30	27
Machinery for Carbonizing	30	38
Machines for Extracting Wool From Rags	30	44
OPENING AND MIXING		
Waste Wools	31	1
Waste-Opening Machinery	31	4
Mungo and Shoddy	31	12
Dusting of Rags	31	17
Pulling of Rags	31	19
Laying Out Mixtures	31	25
Production of Different Mixtures	31	27
Calculations for Mixing	31	38
Mixing Machines	31	43
WOOL OILS AND OILING		
Classification and Testing of Oils	32	1
Oils and Their Emulsions	32	4
Oiling by Hand	32	15
Automatic Oiling	32	18
WOOLLEN CARDING		
Preparation of Material	33	1
Action of Carding Machine	33	5
Construction of Carding Machine	33	9
Calculations	33	32
Ring Condensing Machines	33	36
Tape Condensing Machines	33	59
Modified Carding Machines	33	70
Automatic Weighing and Feeding	34	1
Intermediate Feeds	34	19

CONTENTS

v

<i>WOOLLEN CARDING—Continued</i>	<i>Section</i>	<i>Page</i>
Opening and Burring	34	42
Sets of Carding Machines	34	48
Worsted Carding	34	62
Card Clothing	35	1
Covering Rollers	35	11
Covering Ring Doffers	35	22
Carding Surface	35	25
Care of Carding Machines	35	29
Grinding	35	29
Management and Adjustments	35	50
Truing Rollers and Cylinders	35	50
Setting	35	52
Fettling	35	62
Management of Carding Rooms	35	68
Weight of Roving	35	73
Special Effects in Carding	35	77
 <i>WOOLLEN SPINNING</i>		
Cam-Shaft Mule	36	1
Parts of Mule	36	4
Details of Operation	36	26
Table of Mule Motions	36	89
Modifications of Mule Mechanism	37	1
Twist Motion	37	1
Speeds of Parts	37	7
Calculations Relating to Twist	37	11
Calculations Relating to Production	37	16
Installation	37	19
Resetting	37	21
Care of Mules	37	25
Defective Yarn	37	32
Defective Cops	37	34
Ring Frames	37	38