COTTON SPINNING, VOL. II

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Cotton Spinning, Vol. II by William Scott Taggart

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WILLIAM SCOTT TAGGART

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COTTON SPINNING

BY

WILLIAM SCOTT TAGGART

VOLUME II INCLUDING THE PROCESSES UP TO THE END OF FLY-FRAMES

WITH ILLUSTRATIONS

London

MACMILLAN AND CO., LIMITED NEW YORK: THE MACMILLAN COMPANY 1897

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PREFACE

This the second volume, reprinted from The Textile Mercury, brings the subject of cotton spinning down to the end of what is generally termed the preparing processes. It includes all the machinery and manipulations between the card and the self-actor or ring-frame. As the operations included in this section have a most important influence upon the future character of the yarn, it has been considered necessary to go a little more deeply into the subject than is usually thought necessary. Attention has not only been confined to the principles underlying the actual processes themselves, which is of itself a most interesting and important feature, but in conformity with the objects that prompted the writing of the first volume, an effort has been made to give to the mechanical details an interpretation which some of them have hitherto not possessed.

It was with this purpose in view that the writer remarked in the preface to the first volume that the book would not be one of "mere description." The remark was meant to

be applied to the whole subject of cotton spinning; in this volume a reasonable claim may be made that it is justified, and the third volume, dealing with the spinning processes, will still further prove the writer's objects and method.

The fact that at present the education of the average reader is not sufficiently thorough to enable him to understand fully some aspects of the question discussed is no reason why an attempt at completeness should not be made. Such a state cannot last very long. The systems now being adopted in our technical schools will raise the general level of intelligence, and, moreover, a foeling will grow that we "must" so increase if we are to maintain the practical superiority over our competitors which we at present claim.

W. S. T.

ROLTON, 1897.

CONTENTS

			C	HA	PTE	RI					
Drawing	133	10	¥.	2	37	13	100	200	20	¥	PAGE 1
			C	HAI	PTE:	RII	ğ				
Сомын:	838	额	*	-	85	9		53	100		36
			CH	HAP	TE	8. II	Ţ				
FLY-FRAMES	·	69	*3	¥	×	¥2	85	Ř	<u> 22</u>	\$	81
			CI	HAI	TE:	R IV	7				
Appendix	19	5	100	*	0	82	12	36	10	8	196
INDEX											220

ILLUSTRATIONS

FIG.					P	AGE
99. Section of Draw-Frame	27	135	:00	70	8	3
Weighting of Roller in Draw-Fram	ιθ .	533	133	3.3	352	8
101. Solid and Loose Boss Rollers .	575	132	50	2.7	(2)	9
102. ì						
103. Diameters and Spaces of Draw-Fra	ame R	ollers		22	12,	13
104.)						
105. Front and Back Stop Motions in D	raw-F	rame	63	23		19
 Details of Stop Motion in Draw-Fr 	ame		•3	90	3 0	20
107. Spoon Stop Motion	13	•		30	× 1	22
108. Section through Draw-Frame, show	ing Ele	etrie!	Stop.	Moti	ohs	24
109. Patent Revolving Top Clearer .	12		100	80		27
110. Gearing of Draw-Frame	52	14	500	***	*	31
111. _V						
112. Driving of Rollers in Draw-Frame	SSV	100	2	201	8 3	31
_{118,} J						
114. Section through Comber (Duplex)	77	53.55		Q.S	20 0	45
115. Star Wheel	134		(1)		¥ :	49
116. Section through Comber and Nippe	er Cam	i.,	6	88		53
117. Two Arrangements of Nipper .						53
118. Januariangements of hippor	904	3.0	20	10		00
119. Quadrant Cam and Quadrant Feed	in Cor	nber	711	8-	v. 2	57
120. Roller or Quadrant Cam, showing	Cycle e	of Act	agoi	2		59
121. Side View, Quadrant, Quadrant Ca	m, an	d Clu	tob C	am	*	61
122. Notch Wheel Feed Motion in Com	bear		480		328	62
123. ,, ,, ,,		390	63	95	(2)	63
194 Detaching Roller Mechanism			5.00			85