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THE SPINNING AND TWISTING  
OF  
LONG VEGETABLE FIBRES  
(FLAX, HEMP, JUTE, TOW, & RAMIE)

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THE  
SPINNING AND TWISTING  
OF  
LONG VEGETABLE FIBRES  
(FLAX, HEMP, JUTE, TOW, & RAMIE)

**A Practical Manual**

*Of the most Modern Methods as applied to the  
HACKLING, CARDING, PREPARING, SPINNING, AND TWISTING,  
of the  
LONG VEGETABLE FIBRES OF COMMERCE.*

BY  
HERBERT R. CARTER,  
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*WITH 161 ILLUSTRATIONS (INCLUDING 10 PLATES).*



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## PREFACE.

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IN undertaking this work, the author's aim is to provide a practical guide to the spinning of the long vegetable fibres. He hopes that he has succeeded in writing in such a way that the book will be useful, not only to the technical student, but also to practical men like himself. When it is borne in mind that the same general principles underlie the preparing and spinning of all the long vegetable fibres, and that it is merely in details that the processes differ somewhat by reason of the coarseness or special nature of the fibres, it will not be considered that the author has undertaken too much or that it is impossible to furnish in one volume a practical handbook describing the treatment of so many fibres.

It is hoped that even experts will find something new and interesting in the perusal of these pages, which the author has tried to make as up-to-date as possible.

THE AUTHOR.

*October 1904.*



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