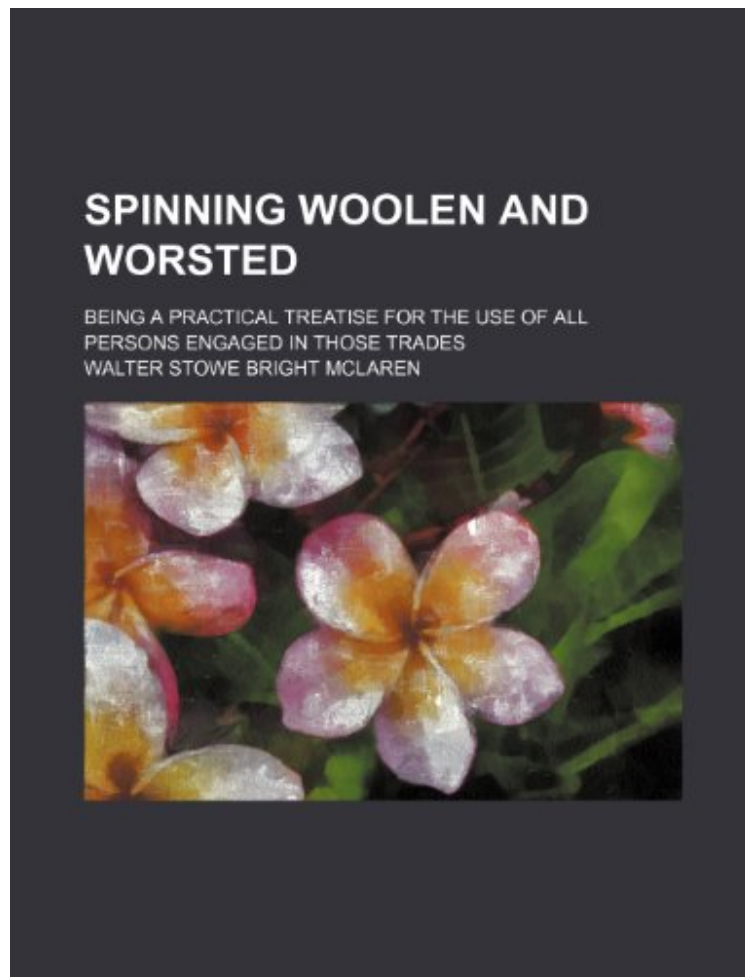


(Library ebook) Spinning woolen and worsted; being a practical treatise for the use of all persons engaged in those trades

Spinning woolen and worsted; being a practical treatise for the use of all persons engaged in those trades

Walter Stowe Bright McLaren

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This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1899 edition. Excerpt: ... and shall see how entirely different it is from even the mule form of worsted spinning. It is not necessary to give a complete

description of the various parts of the mule. The aim of this book is to describe processes and machines just so far as to enable those who work them to have a thorough knowledge of how they should be worked, and therefore we do not need to describe at length motions which never alter, and which are fixed by the machine maker. It is enough to indicate their general functions. Any full account of the mule would occupy too much space, for it is one of the most intricate and complicated of machines. The drawing here given (Fig. 66) of one of Tatham's woollen mules--which are very different from cotton mules--will give a general idea of the machine. The long rolls of condensed roving from the card are set on the upright stands at the back, which are here shown empty. As they unwind the ends pass through the rollers. There is only one pair of rollers for woollen spinning, and they correspond to the back rollers of a throstle spinning frame, and not to the front ones, for they do not draft the roving. The ends are fastened, round the spindles to the little paper tubes, on to which the yarn is usually spun for warp, or on to the spools, which are used for weft. The carriage in which the spindles are placed, and in which they run, being driven by bands concealed in the lower part of the framework, is at the commencement close up to the rollers. As soon as the rollers begin to revolve, delivering the roving, the carriage also starts, and travels on the rails, as shown, away from the rollers, at such a speed as to keep the roving nicely stretched, but without drafting it. The spindles also begin to turn comparatively slowly,...