

New Automatic Adjusting Swift

By *Wiederkehr*

A *Swift* which embodies many new and important features and which will undoubtedly considerably increase the production from winding machines and give a better wound package has been introduced under the name of "Schweiter Hank Ryce D. H. 545". It is made in two sizes (No. 1 taking hanks of all diameters between 42 inches and 57 inches, No. 2 between 42 inches and 64 inches) and is simple to work. All that is required to alter the circumference for a certain size of hank is to give the boss a pull and a turn

(illustration 3). The pull loosens the locking of the ryce, so that it is possible to turn half of the boss backwards or forwards, thus increasing or decreasing the circumference. Immediately the operator lets go of the boss, the ryce is automatically locked in position. Once it is adjusted for a certain size of hank, any subsequent number of hanks can be put on, as the arms, being made of piano wire, are quite flexible (illustration 4). Owing to its exceptional lightness this swift is particularly suitable for the finest yarns. In actual

ounces it may be heavier than some others, but it has this difference — all the weight is centrifugal, or, in other words, confined to

Excepting for the boss the swift is entirely made of steel, so that atmospheric conditions have no influence on it. It is perfectly stable

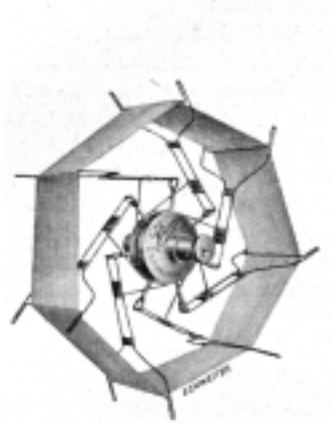


Fig. 1. To take hanks from 42 in. to 57 in. in circumference

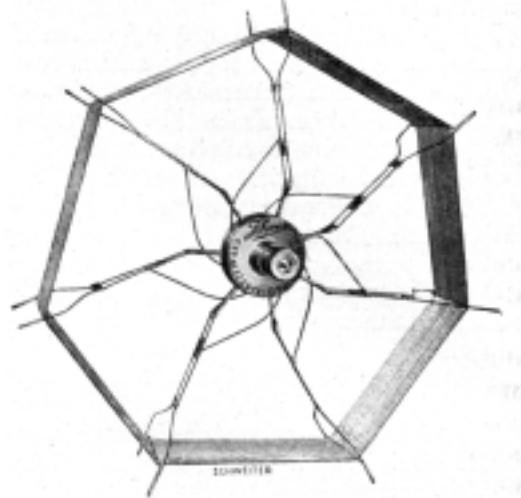


Fig. 2. To take hanks from 42 in. to 64 in. in circumference

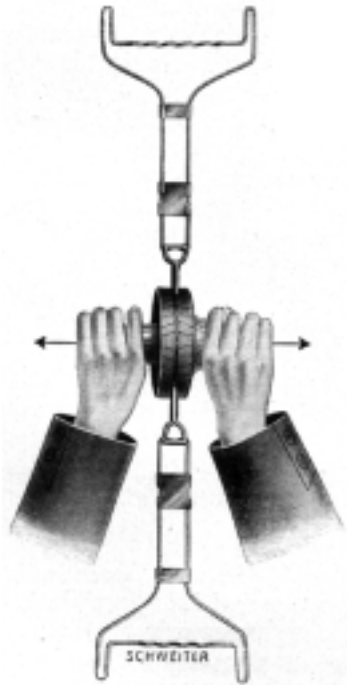


Fig. 3. Handling of the Hank Ryce for the purpose of adjusting the circumference

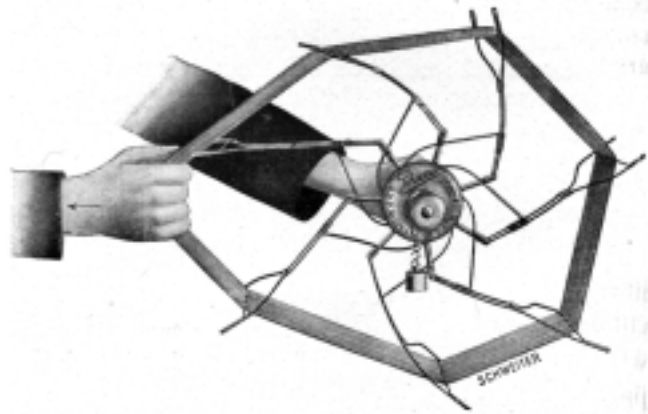


Fig. 4. Putting on a new hank

the boss. The arms are so elastic that there is no fear of the yarn slipping and the swift remaining stationary when the hank is nearly wound-off.

and concentric even when adjusted to its utmost capacity. It has no projecting parts, and is a really sound firm job.