

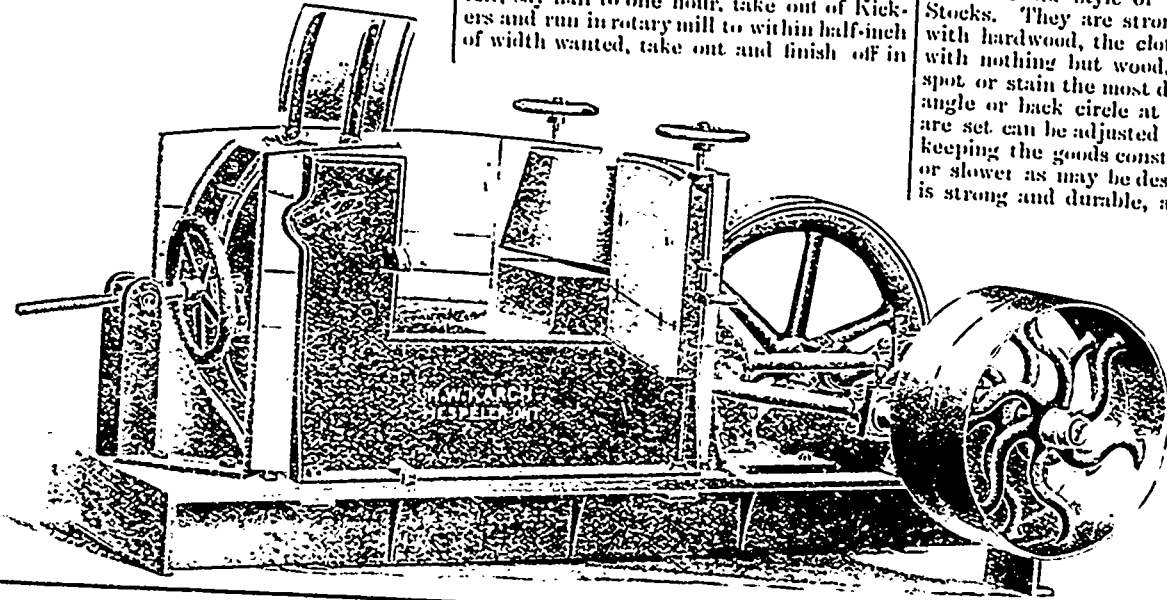
THE KARCH KICKER FULLING MACHINE.

The Kicker fulling machines supply a long felt want in all woolen mills. Any woolen manufacturer knows that goods fulled in the rotary mill only will streak, commonly called mill wrinkles, on some lines of goods not so apparent as on others; but all classes of goods will be greatly improved, the maker states, by being left from one-half to one inch wide from the rotary mill and finished off in the Kickers. It will straighten out the goods, give a firmer felt, and leave the

surface in better condition for finishing than by any other process. The surface of the goods is smooth, and the nap has a woolly appearance. It takes away that dragged look that some goods have that are fulled in the rotary mills only. It also makes the goods feel lofty and firm. There are some lines of goods it is almost impossible to finish properly without Kickers or falling stocks, such as tweeds with wool warps and worsted filling, and cotton warp with wool filling. The best way to get these goods even is to run them through a soaping machine, fold up and run in the Kickers till they start to felt, say half to one hour, take out of Kickers and run in rotary mill to within half-inch of width wanted, take out and finish off in

Kickers, say fifteen or twenty minutes. Some lines of goods are claimed to have a much better finish when fulled altogether in the Kickers, such as Cheviots and Ban-nockburns and all twist goods that don't require very much fulling; they are felted even, and colors come out brighter than if allowed to get too warm in the rotary mill. The Kickers full from 100 yards to 225 yards 10-oz. goods, and can be adjusted in a few seconds, increasing or decreasing the space to suit the weight of goods requiring fulling. This is a great advantage over the old style of Kickers or Falling Stocks. They are strongly built and lined with hardwood, the cloth coming in contact with nothing but wood, therefore will not spot or stain the most delicate colors. The angle or back circle at which the Kickers are set can be adjusted to different degrees, keeping the goods constantly turning faster or slower as may be desired. The machine is strong and durable, and is well adapted

for fulling knitted and felt goods. The maker has special facilities for manufacturing this machine and can confidently recommend it to all in want of such, knowing it will do what is claimed for it. The Karch fulling machine is manufactured by H. W. Karch, Hespeler, Ont.



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REFERENCES

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