

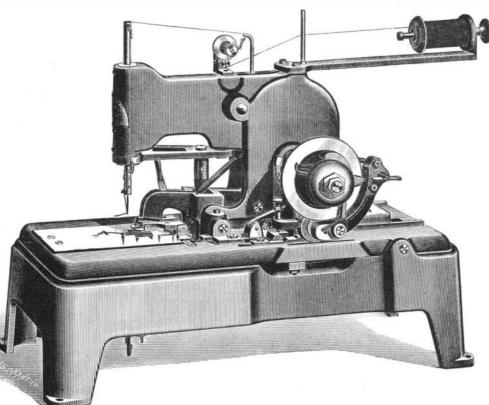
THE REECE BUTTONHOLE MACHINE.

with silk or cotton thread. The company has on cuffs, underwear, and, in fact, everything that requires Of all the exhibits at the World's Fair there is none exhibition machines for making eyeletholes and but- a worked buttonhole, and they have at least five that attracts more attention than that of the Reece tonholes of various styles required by the different methods of barring the small end of the Buttonhole Machine Company, of Boston. Their main | trades, such as boots and shoes, clothing, collars and | buttonhole, each of which is equally well adapted to its particular line of work.

exhibit is in Machinery Hall, and they also exhibit and do all the buttonhole work in the Model Shoe Factory in the special Shoe and Leather building. In this building shoe manufacture is practically exemplified as carried on in the leading shoe factories of the country, a thousand pairs a day being made, and the improved machinery used, including all the best machines which have been practically successful. The introduction of the Reece machine in shoe factories effected a saving in manufacture of from 40 to 50 cents a case.

The machines manufactured by the Reece Buttonhole Machine Company have been in practical use throughout the world for the past ten years, and their introduction in the trade reduced the expense of buttonholes 75 per cent. The buttonhole machines put out by this company were the first machines to automatically cut, stitch, and bar a buttonhole, reducing the labor of the operator to simply the moving and clamping of the material. The stitch-

ing mechanism is rotated about the eye, thereby saving any turning of the fabric which is being stitched, and the movements of the machine are all easy, uniform, and positive, and no important movements are dependent upon springs; the stitching mechanism is very simple, consisting of a looper and needle below the cloth plate and a needle above said plate. These parts receive their movement from a compound eccentric, and they make a complete buttonhole or purl stitch for each reciprocation of the needle bar, which makes the machine capable of running at a high rate of speed as well as noiseless and durable. The buttonhole is automatically c u t and transferred from cutter to stitcher by an even, uniform movement, avoiding any jar or blow. The starting and stopping of the stitching mechanism at the commencement and finish of the buttohole are automatic, the needles always stopping out of the fabric. The machine runs equally well on all kinds of materials, either



THE REECE BUTTONHOLE MACHINE Upon which 10,010 buttonholes have been made in 9 hours and 50 minutes



When it is taken into consideration that at the time the Reece buttonhole machine was invented it required thirtyfive hand movements to make a buttonhole on the best organized machine, and that the introduction of the Reece machine reduced this to two hand movements, the magnitude and importance of this invention can be more fully appreciated.

The latest production of the company is a buttonhole machine that makes any size buttonhole, from a round eyelet, such as is used in a shirt front, to a buttonhole two inches long, used in ladies' cloaks. The invention of this machine has greatly simplified the mechanism and reduced the labor of the operator to one-half what it previously was, the production being correspondingly increased. The machine is entirely automatic and requires no labor on the part of the operator, such as closing the work clamp by the foot or hand, as in the previous Reece machines, reducing the labor to simply moving the ma.

terial from one to the next buttonhole. A series of any number of buttonholes can be cut. stitched, and barred without the operator moving her hands from the material and without any movement of the foot. This machine is the first ever produced that barred the buttonhole with a purl bar, which makes the small end of the buttonhole in harmony with and equally as neat as the sides, and crosses the stay cord and firmly stitches it together, so that there is no possibility of its starting.

The company has also put upon the market for the past five years a machine for stitching down the thrum ends and hetv ay cord adjacent buttonholes on shoes by a blind stitch. These machines are entirely new and opened a new field for sewing machines, as this work had always been done by hand. One of these machines and an operator now take the place of ten hand operators, and the work is far superior to that done by hand, making a neat, uniform finish on the inside of the shoe.