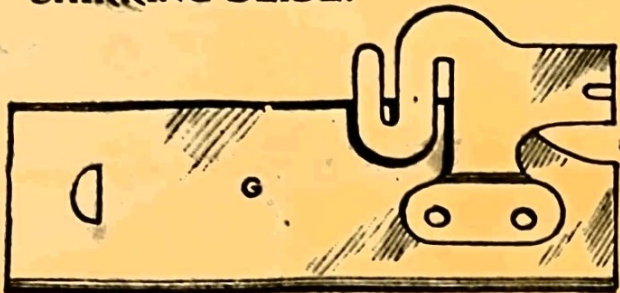
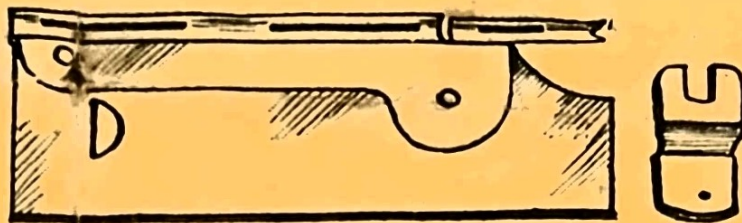


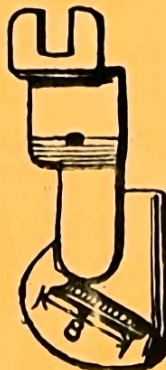
SHIRRING SLIDE.



UNDER BRAIDER GUIDE AND FOOT.



FOUR SIZES OF HEMMERS.



BINDER.



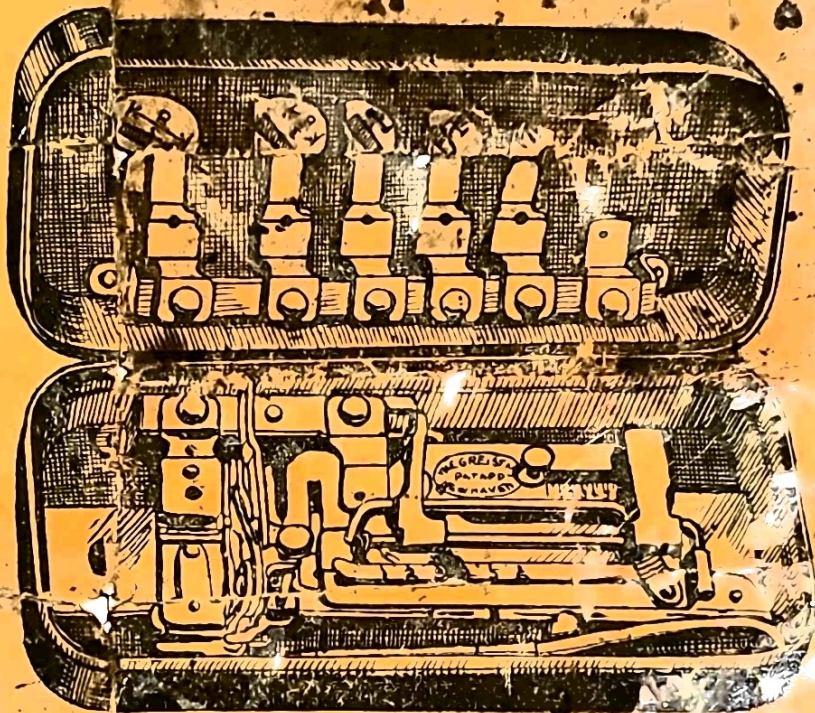
DIRECTIONS FOR USING

—OUR—

**NEW STEEL SET**

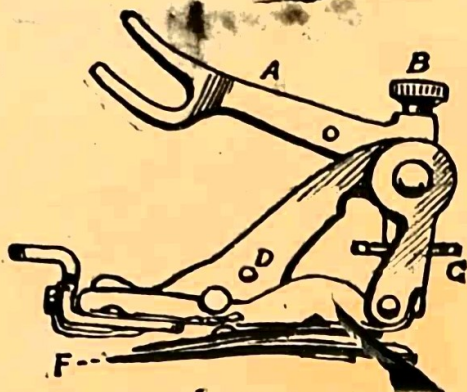
—OF—

ATTACHMENTS.



## HOW TO USE THE RUFFLER.

Remove the regular foot, and slip the ruffler in its place with the forks of the lever A over the shank of the needle set screw and fasten securely. Place the goods to be ruffled between the steel blades F. To make scant ruffling, raise the adjusting block C by turning the thumb-screw B, and shorten the stitch to the desired length. The length of stitch should match the size of gather or plait, so that they will lie even and not pile up on each other or be too far apart. To make larger plaits, lower the block C and lengthen the stitch to match. If the ruffle is to be attached to a band, place the band below both blades.



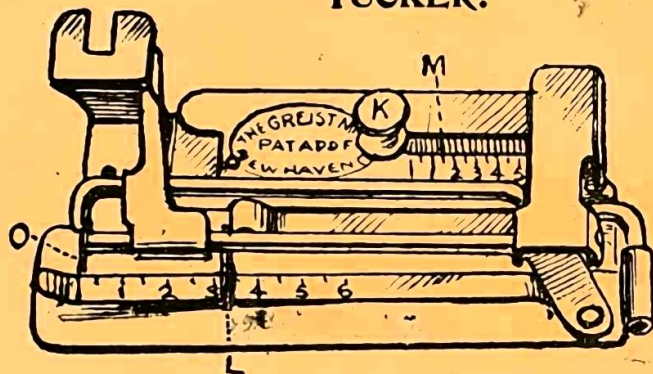
For shirring or ruffling more than one inch from the edge of wide goods, slightly loosen the screw D from the right hand side of the ruffler when on the machine and remove the part with the under blade F attached. Now remove the front shuttle race slide of the machine and slip the shirring slide G in its place, pushing it in as far as it will go, and proceed to ruffle as directed above. When through put the blade F back again and fasten with the screw D. Under blade F at the same time, nor to ruffle when the ruffler is on without goods between the steel blades, because the movement of the teeth of the upper blade against the lower will dull them and soon make it useless. Oil working parts before using.

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## HOW TO USE THE TUCKER.

The Tucker attaches the same as the ruffler. Loosen the adjusting screw K and move the gauge L to the desired width of tuck, as shown by scale M. For example set it at the figure 1; now move the marker until the pointer O is over figure 1 on its scale also. The tucks will then be one-eighth of an inch wide and just meet. For space between the tucks, move the marker to the left as much as the space desired.

### TUCKER.



**THE HEMMERS**—4 widths. Attach hemmer to attachment holder as above, and pass the goods into the scroll, being careful to draw it through the hemmer as far as the needle hole that the feed may catch the cloth. Should too much goods run into the hemmer, carry to left.

**THE BINDER**—Attach binder to holder as above. If cut binding is used it should be bias and seven eighths of an inch wide. Pass through binder and place goods between upper and lower scrolls.