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METHOD FOR RECLAIMING PRINTING PRESS ROLLERS

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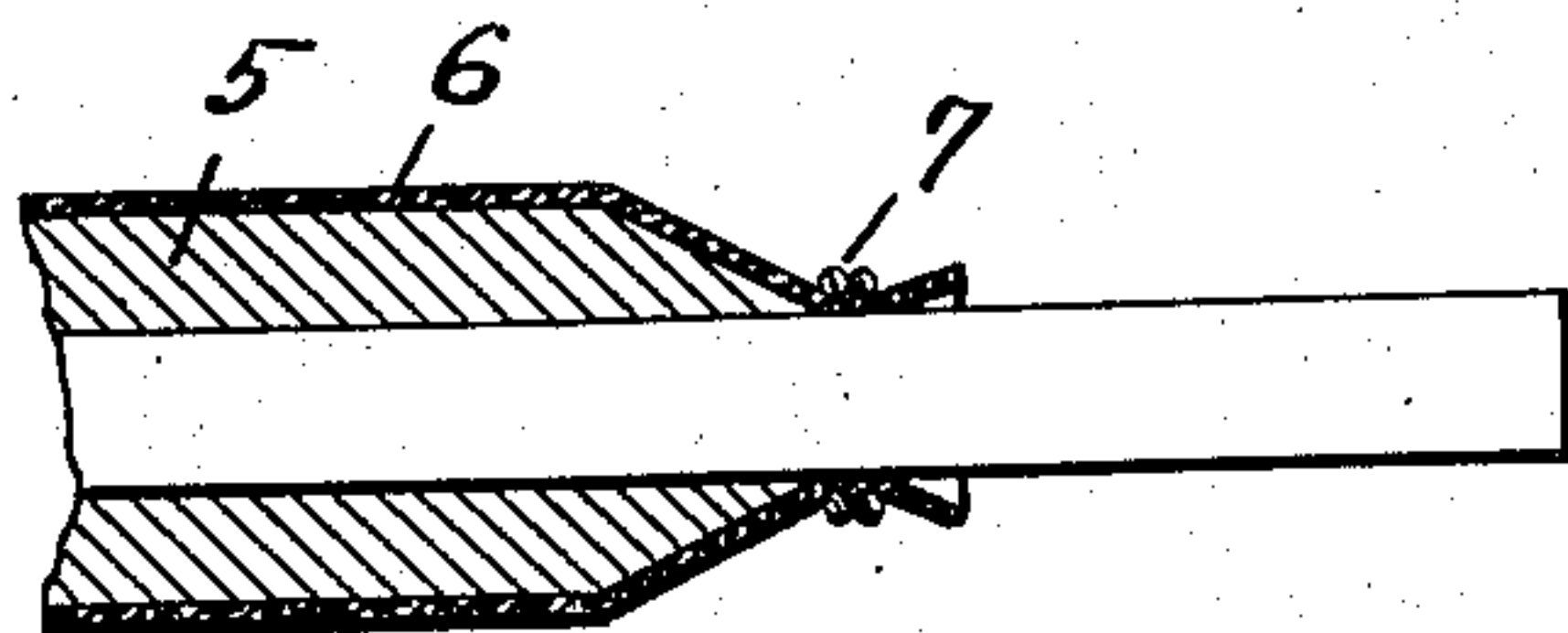
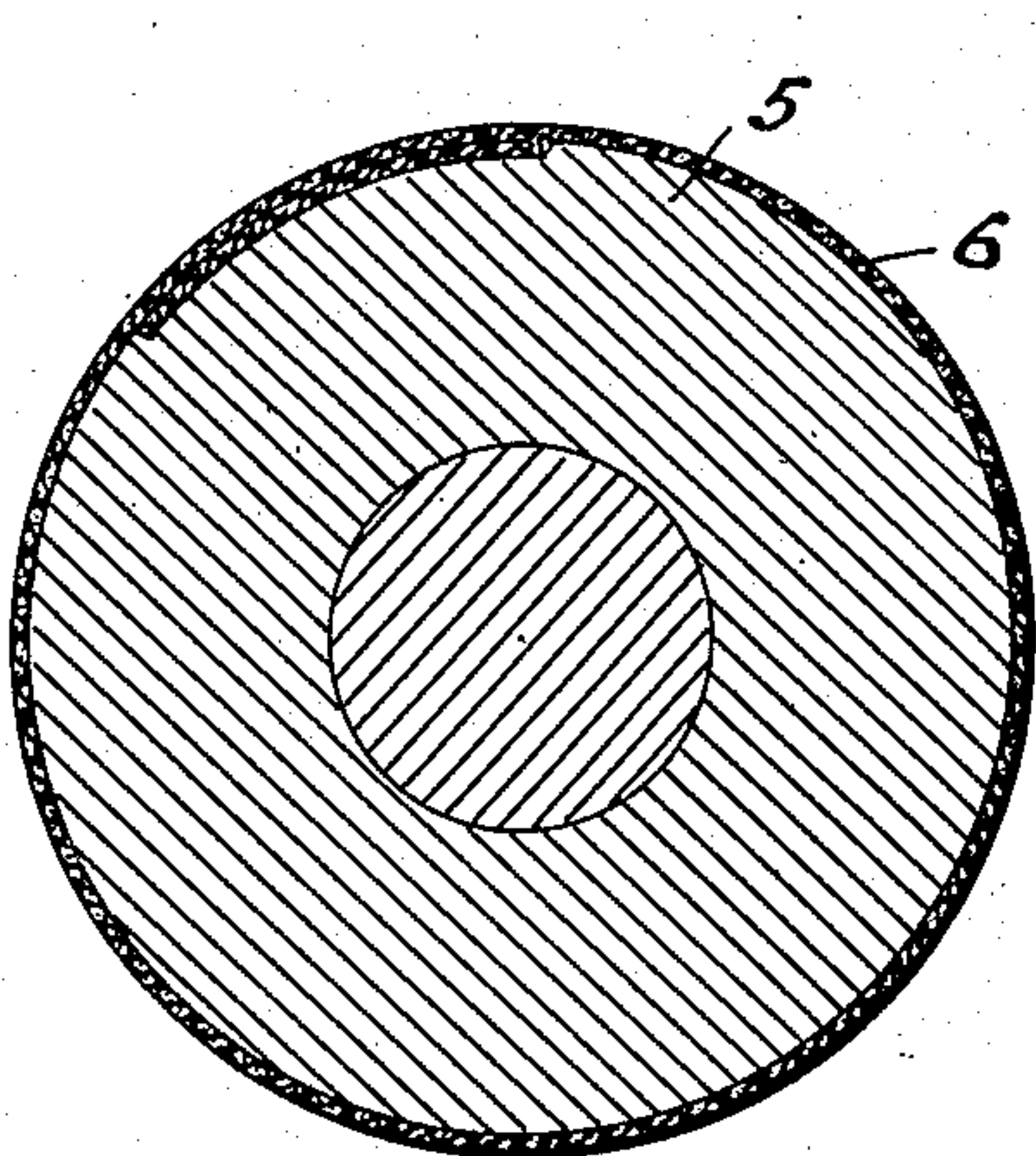
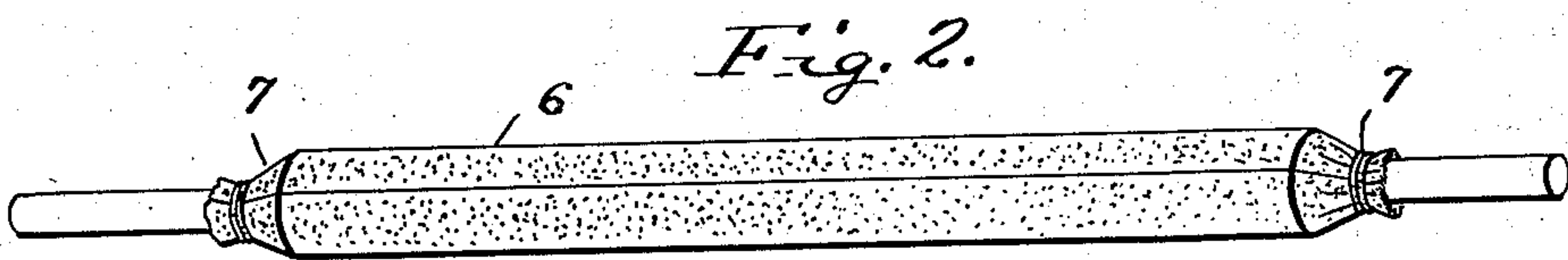
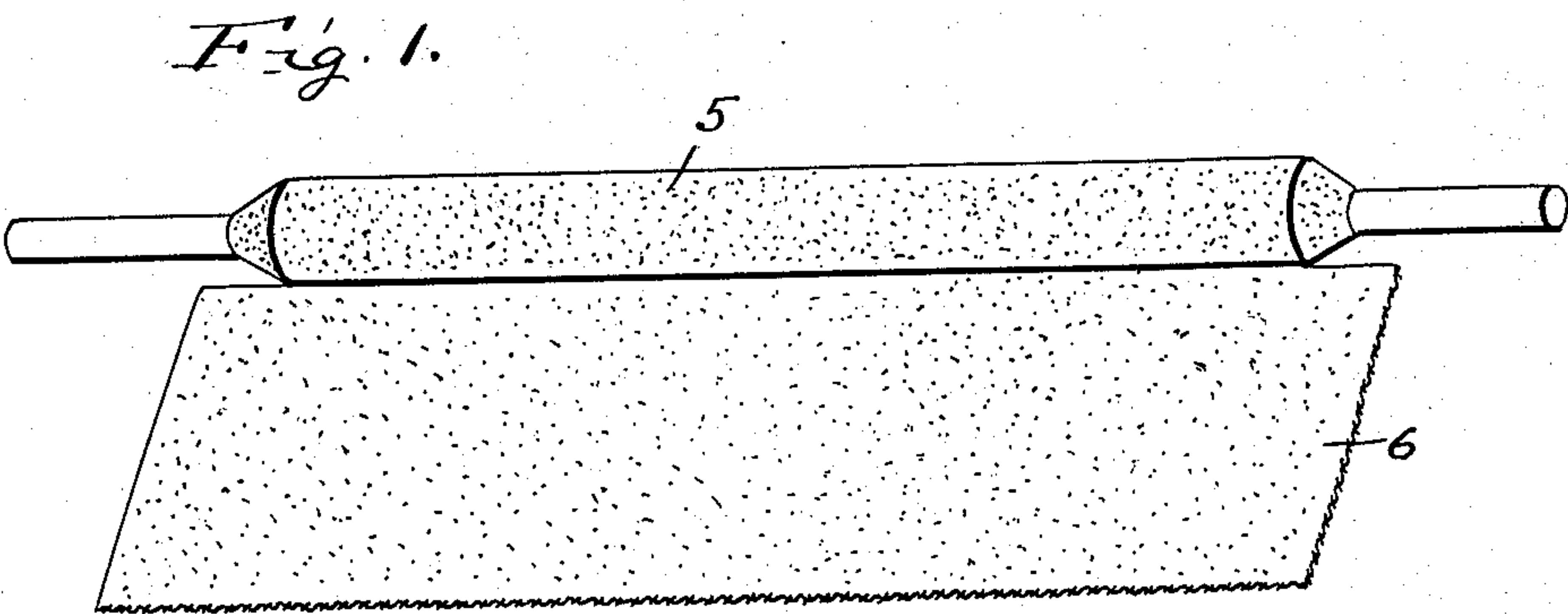


Fig. 3.

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Fig. 4.

# UNITED STATES PATENT OFFICE

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## METHOD FOR RECLAIMING PRINTING PRESS ROLLERS

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### 1 Claim. (Cl. 91—67.8)

This invention appertains to new and useful improvements in a means and method for reclaiming old or badly worn composition vibrating or distributing rollers and fountain or ductor rollers for printing presses even after they are worn badly enough to show cracks and pits, thus greatly lengthening the life of the rollers, also eliminating entirely periodic washing or cleaning which is necessary on ordinary composition rollers, greatly improving ink distribution and also making it unnecessary to set or adjust these rollers as often as it is necessary on ordinary composition rollers which swell at higher temperatures and shrink at colder temperatures.

Other objects and advantages of the invention will become apparent from a reading of the following specification.

In the drawing:—

Figure 1 represents a perspective view showing a roller about to be wrapped in a sheet of muslin.

Figure 2 represents the roller wrapped in a sheet of muslin and tied at its ends.

Figure 3 represents a fragmentary sectional view showing the manner in which the sheet is applied and tied.

Figure 4 represents an enlarged cross sectional view through the roller, with the muslin sheet attached.

Referring to the drawing wherein like numerals designate like parts, it can be seen in Figure 1 that numeral 5 represents the roller, while numeral 6 represents the sheet of muslin.

In reclaiming the roller, the roller is first washed clean with gasoline, naphtha or benzine, then after the surface of the roller is perfectly dry, the roller is laid on the edge of a piece of

muslin which has been cut the proper dimensions and preferably longer than the length of the roller.

Next the roller and muslin are each given a coat of hot glue and the roller is carefully rolled up in the muslin and an extra coat of this hot glue is applied to the outside of the cover after the ends have been tied against the reduced ends of the roller by a cord 7. This outside coat of glue is to prevent the cord on the ends from slipping or coming loose and also to smooth over the lap in the muslin and keep it from unraveling.

The outside coat of glue also serves to protect the cloth from wear due to friction. After the glue has thoroughly dried, it is polished smooth with a fine emery paper or sand paper and is then ready for use.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:—

A method of reclaiming printing rolls consisting in coating the roller with a glue, wrapping a sheet of muslin around the roller so that the said muslin will adhere snugly to the roller, tying the ends of the muslin to the ends of the roller, and applying a coating of adhesive over the outside of the muslin and the said tied portions, permitting said outside coating to dry and subsequently abrading and polishing the same.

LESTER YEAGER.