

A. MUNZESHEIMER.  
INKING ROLLER FOR PRINTING PRESSES.  
APPLICATION FILED DEC. 12, 1907.

905,562.

Patented Dec. 1, 1908.

FIG. 1.

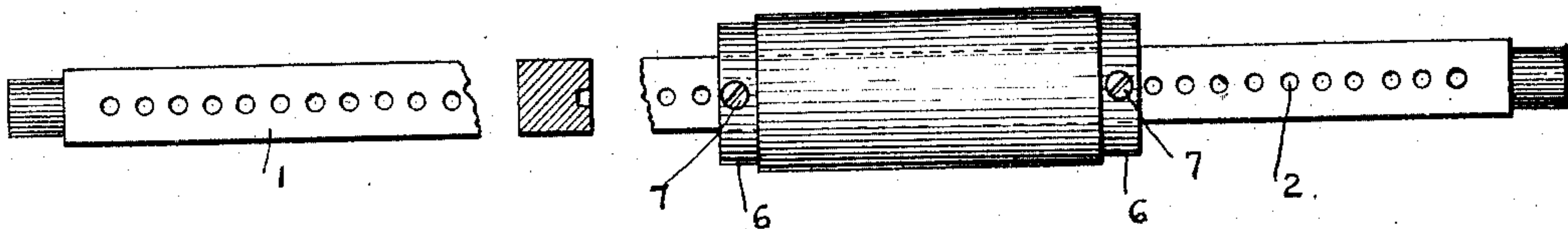


FIG. 2.

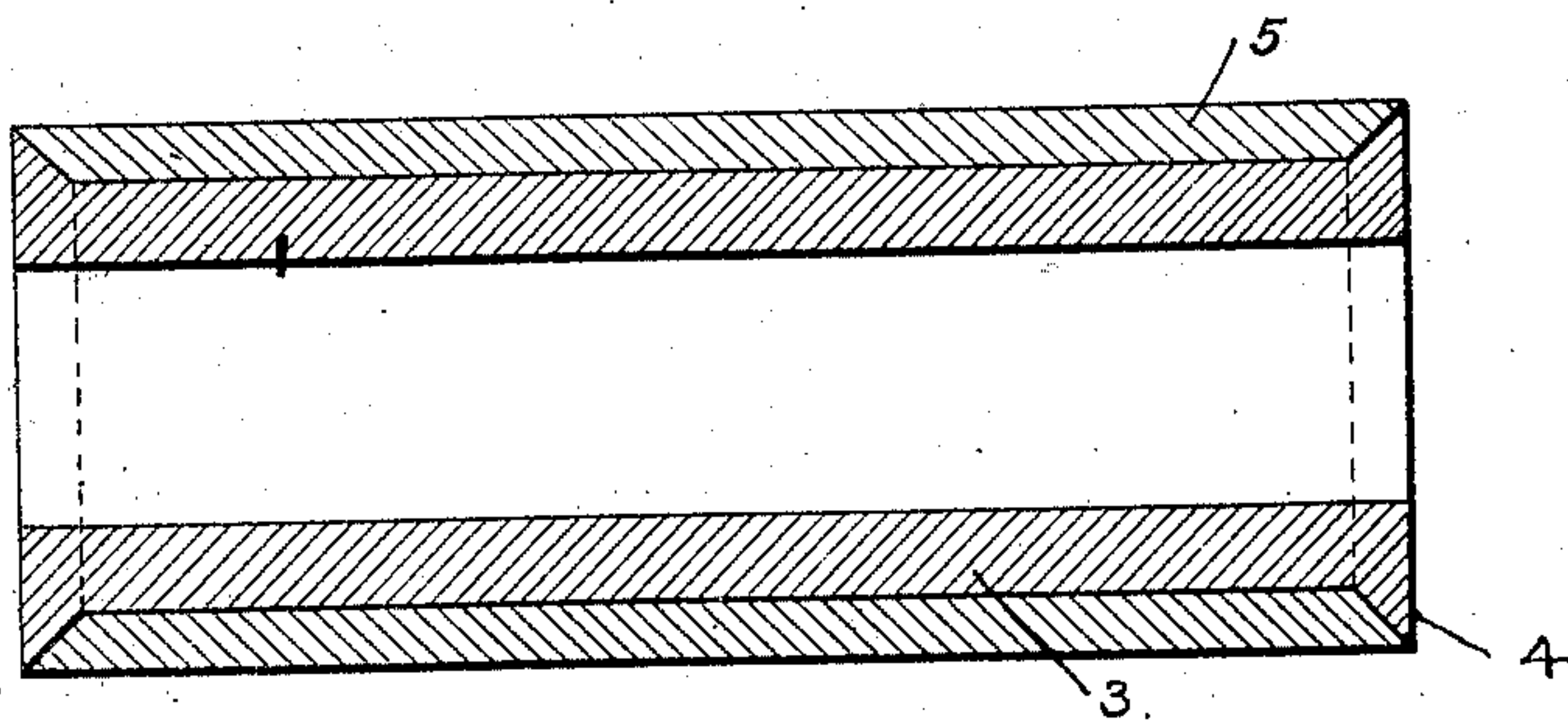


FIG. 3.

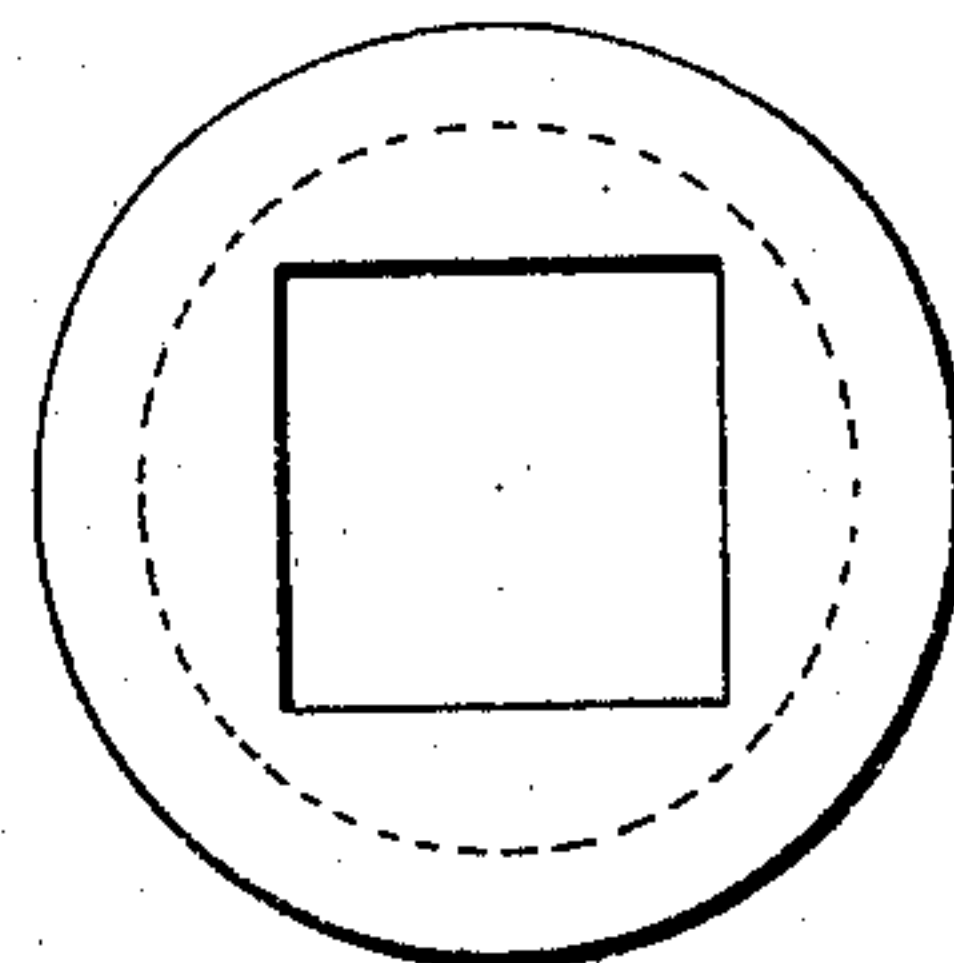


FIG. 4.

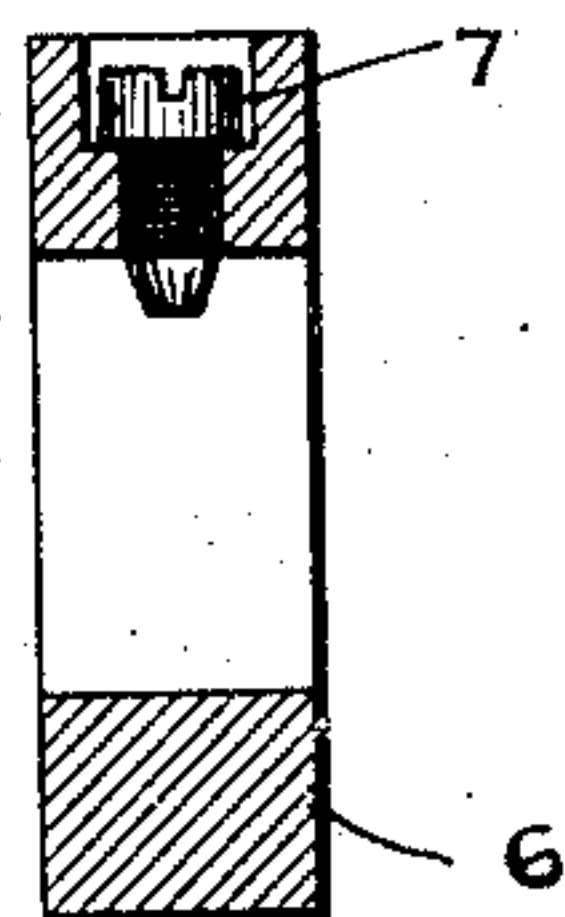
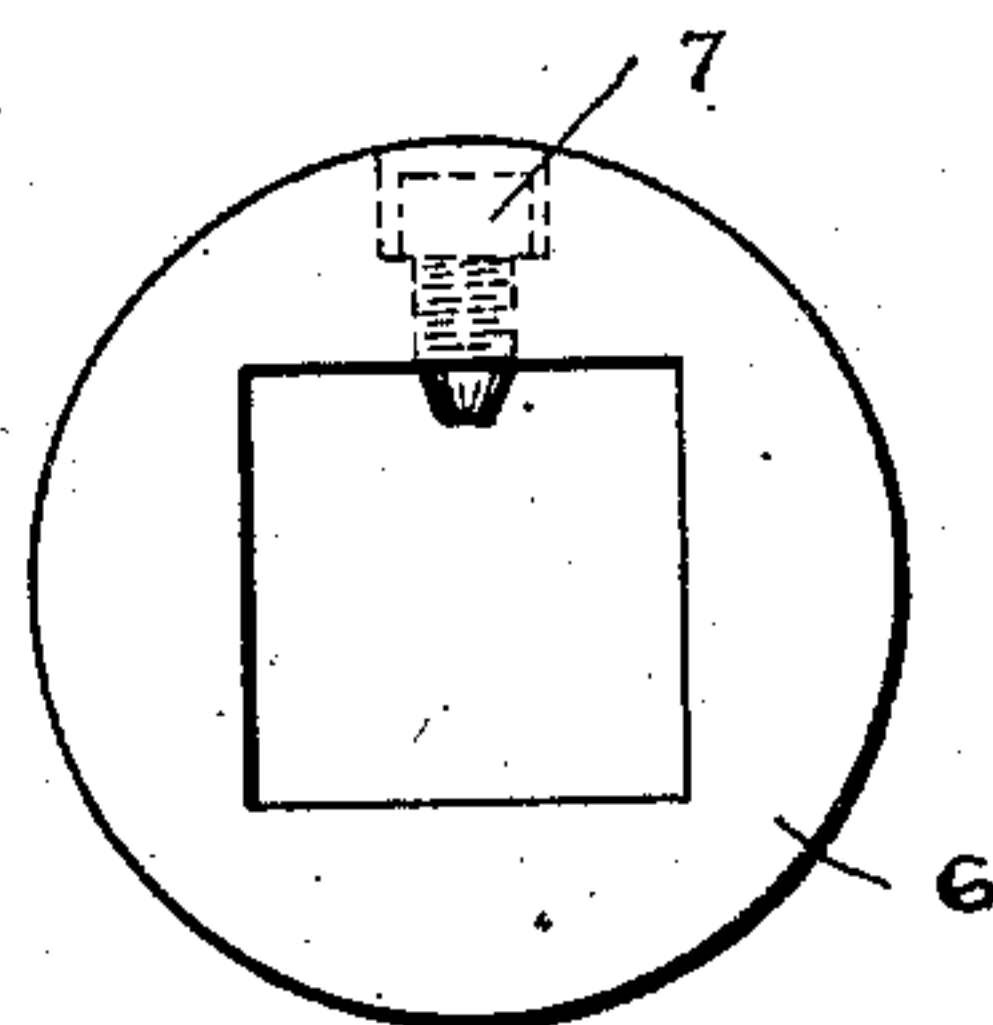


FIG. 5.



Witnesses

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# UNITED STATES PATENT OFFICE.

ADOLPH MUNZESHEIMER, OF DALLAS, TEXAS.

## INKING-ROLLER FOR PRINTING-PRESSES.

No. 905,562.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed December 12, 1907. Serial No. 406,212.

*To all whom it may concern:*

Be it known that I, ADOLPH MUNZESHEIMER, a citizen of the United States, residing at Dallas, in the county of Dallas and State of Texas, have invented certain new and useful Improvements in Inking-Rollers for Printing-Presses, of which the following is a specification.

This invention relates to improvements in inking rollers for printing presses, and the object is to provide a sectional roller comprising a number of sections, one or more of which may be secured in position on the roller stock to form an ink-distributing surface of the desired extent, the parts being so constructed that the sections may be adjusted on the stock to distribute the ink only upon the type matter and not in the spaces therebetween, thus effecting a saving in ink, and avoiding unnecessary wear on the fountain blade.

With the above object in view, the invention consists in the novel features of construction hereinafter fully described, particularly pointed out in the claim, and clearly illustrated by the accompanying drawings, in which

Figure 1 is a side elevation of roller-stock with a roller-section thereon, constructed in accordance with my invention, the roller-stock being also shown in cross-section; Fig. 2, an enlarged longitudinal sectional view of one of the roller-sections; Fig. 3, an end-elevation of the same; Fig. 4, a sectional view of one of the securing-collars, and Fig. 5, a face view of said collar.

Referring now more particularly to said drawing, 1 designates the roller-stock or shaft which is square in cross-section and provided at its ends with journals to fit in the bearings of the press. The roller-stock is provided on one face with a series of longitudinally-alined, spaced perforations 2. The roller-sections, of which there may be a sufficient number to form a continuous roller-surface the entire extent of the roller-stock, when desired, consist each of a core 3 having a longitudinally-extending passage square in contour to receive the squared roller-stock; flanges or beads 4 formed at the end and a covering 5 of roller-composition disposed between said flanges, the latter being beveled as illustrated, so that they are entirely covered by the composition.

The roller-section is secured in any desired position on the roller-stock by collars 6, placed at each end thereof, said collars being held to the roller-stock by set-screws 7.

It will be seen that the roller-section may be quickly and readily adjusted to the desired position on the roller-stock and secured by the collars, and that several of the sections may be used, either in contact with each other, or separated and arranged at different points on the stock. When desired, a continuous roller-surface may be formed of the desired extent by abutting the ends of the sections and securing the collars at each end of the surface thus formed.

Where an eight or sixteen page form is set up, the sections may be adjusted to the proper positions to feed the ink from the fountain to the type-matter, so that no ink will be fed in the blank spaces between the pages, thus effecting a saving in ink and in time and labor, and also avoiding the unnecessary wear on the fountain blade.

The roller-stock as constructed is strong and the entire structure durable, but at the same time simple, and capable of use on any cylinder printing press.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent of the United States, is;—

A roller for printing presses comprising a roller-stock or shaft, said shaft being substantially square in cross-section, and provided with a series of longitudinally-alined, spaced perforations, a hollow roller section adjustable on said shaft, said roller section consisting of a core, the interior of which is squared to conform to the shape of the shaft, beveled flanges formed upon the ends of said core, a covering of roller composition disposed between said flanges, said roller composition being beveled to conform to the beveled flanges of the core, and a collar adapted to slide upon the shaft said collar being provided with a set screw for locking it at any point along said shaft.

In testimony whereof I affix my signature, in presence of two witnesses.

ADOLPH MUNZESHEIMER.

Witnesses:

WM. D. COX,  
F. A. VENNRY.