F. P. WILDER.

COMPRESSING DEVICE.

APPLICATION FILED JAN. 21, 1916.

1,194,262. Patented Aug. 8, 1916.

Fig. 1.

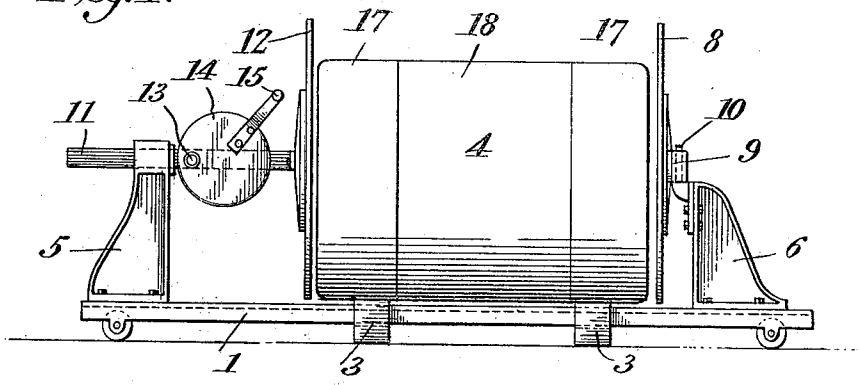
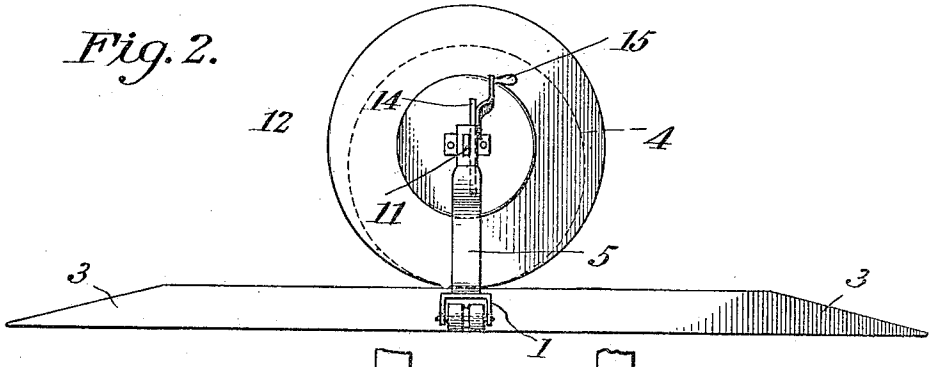


Fig. 2.



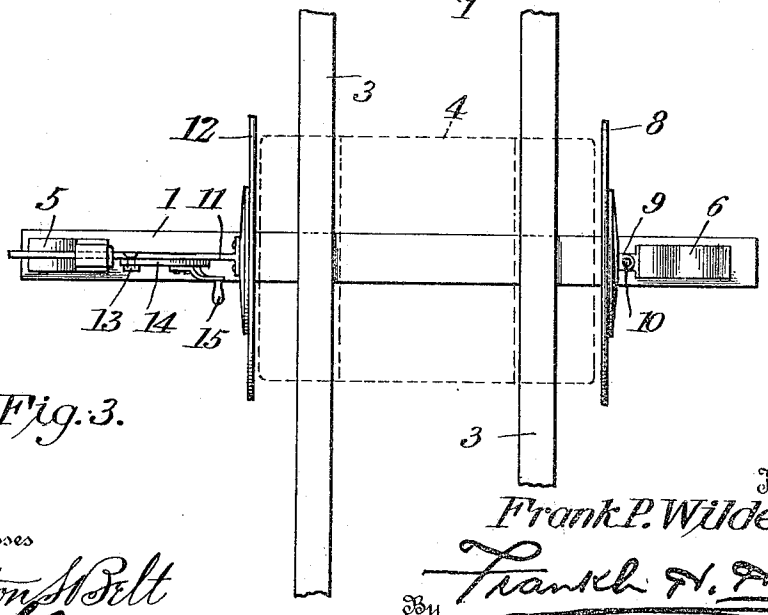


Fig. 3.

Witnesses

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THE NORRIS PETERS CO., PHOTO-LITHO. WASHINGTON, D. C.

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COMPRESSING DEVICE.

1,194,262. Specification of Letters Patent. Patented Aug. 8, 1916.

Application filed January 21, 1916. Serial No. 73,417.

To all whom it may concern:

Be it known that I, FRANK P. WILDER, a citizen of the United States, residing at Harrisville, in the county of Lewis and State of New York, have invented certain new and useful Improvements in Compressing Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in compressing devices designed especially for use in holding the ends of reels of paper while being sealed in place while the adhesive material thereon is setting.

The invention consists of a simple and efficient device of this nature having various details of construction, combinations and arrangements of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation of the invention. Fig. 2 is an end view. Fig. 3 is a top plan view.

Reference now being had to the details of the drawings by numeral, 1 designates a truck provided with grooved wheels along the center thereof and laterally projecting from said truck are the beams 3 which are inclined near their outer ends and upon which a reel of paper 4 is adapted to be rolled. Standards, designated by numerals 5 and 6, are mounted upon said truck and upon the standard 6 a disk 8 is mounted, said disk having a bracket arm 9 fitting over the pin 10 upon the standard 6 and adapted to bear against one end of the reel of paper. The other standard 5 is provided with a transverse aperture adapted to receive the plunger bar 11 which also has fixed thereon a disk 12. Pivotally mounted upon a pin 13 carried by the plunger 11 is an eccentric wheel 14 to which a handle 15 is fastened forming means for rotating the wheel.

In operation, the reel of paper is placed upon the truck and the disks brought in contact with the caps 17 which are to be fastened by an adhesive material over the inwardly folded ends of the wrapper 18 and, by turning the handle 15, the eccentrically mounted wheel 14 is given a rotary movement and, as it bears against the adjacent edge of the standard 5 which is stationary, the plunger and the disk mounted upon the latter will be forced laterally, causing the two disks to clamp the caps at the opposite ends, thus forming a means for holding the latter until the adhesive matter holds the ends in place, after which the cam wheel may be rotated in an opposite direction to release the disk.

What I claim to be new is:—

1. A compressor device for holding caps upon the ends of reels of paper while adhesive matter upon the caps is setting, comprising a truck, standards thereon, disks, one of which is stationary and mounted upon one of said standards, the other disk having a plunger mounted in a standard, a wheel mounted eccentrically upon the plunger, and a handle fixed to the wheel, said wheel adapted to bear against the stationary standard to cause the plunger to be moved forward as the wheel rotates.

2. A compressor device for holding caps upon the ends of reels of paper while adhesive matter upon the caps is setting comprising a truck having grooved wheels on the center thereof and laterally projecting beams having inclined portions, standards fastened to the truck, disks, one having a bracket mounted upon one standard, the other disk having a plunger movable within the standard, a wheel pivotally mounted eccentrically upon said plunger, and a handle fixed to the wheel.

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

FRANK P. WILDER.

Witnesses:

HERBERT L. PHELPS,

MARTIN WM. NOLAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."