No. 809,188. PATENTED JAN. 2, 1906.

C. C. KING.

TAG STAMPING DEVICE.

APPLICATION FILED FEB. 4, 1905.

Fig. 1.

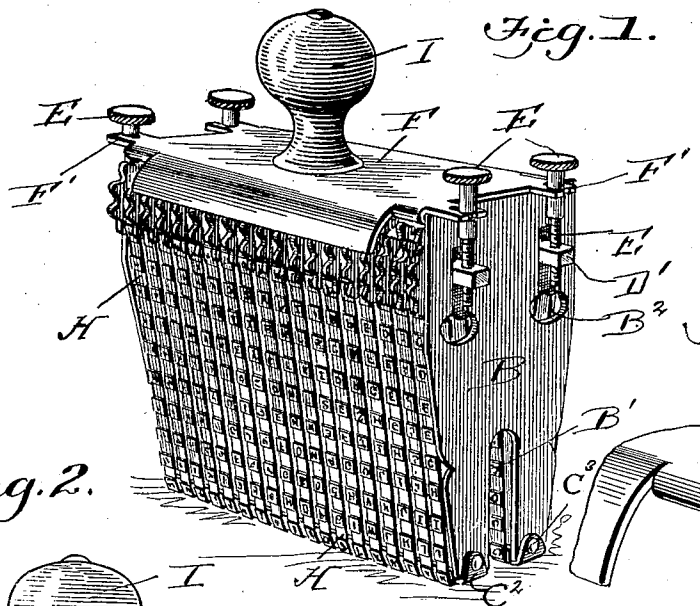

Fig. 4.

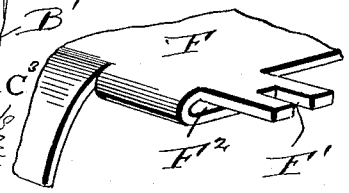

Fig. 2.

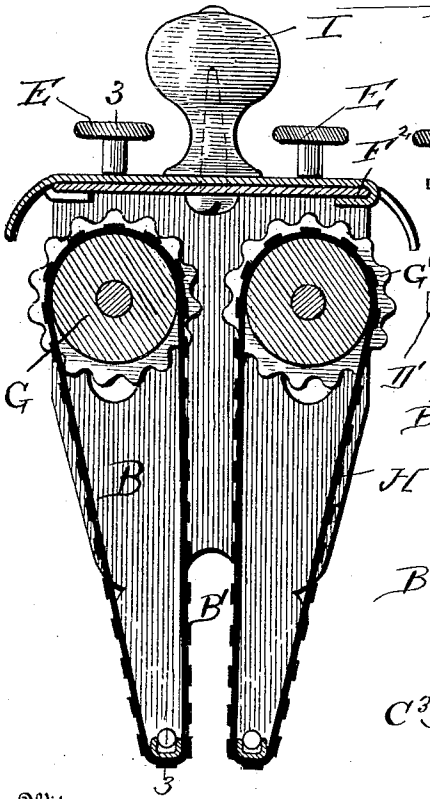

Fig. 3

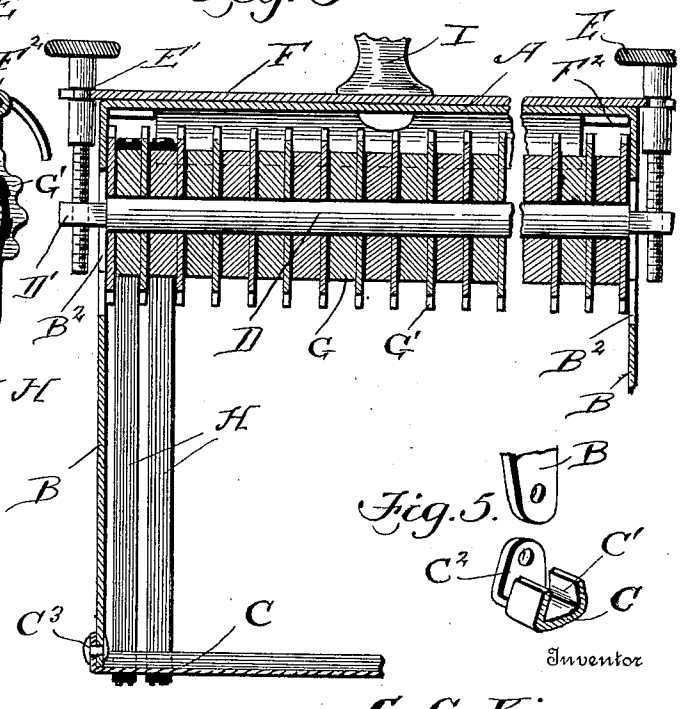

Fig. 5.

Witnesses
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Fig. 6

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UNITED STATES PATENT OFFICE.

CHARLES CHURCHILL KING, OF LOUISVILLE, KENTUCKY.

TAG-STAMPING DEVICE.

No. 809,158. Specification of Letters Patent. Patented Jan. 2, 1906.

Application filed February 4, 1905. Serial No. 244,132.

To all whom it may concern:

Be it known that I, CHARLES CHURCHILL KING, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Tag-Stamping Devices, of which the following is a specification.

This invention relates generally to hand-stamps, and more particularly to one specially adapted for stamping shipping-tags.

The object of the invention is to provide a simple and efficient construction of stamp comprising two series of endless bands carrying type whereby two lines of printing can be stamped upon a tag or other article.

Another object of the invention is to provide an improved form of tension device for the type-bands, which tension device can be quickly and easily regulated for the purpose of tightening or loosening the bands, as desired.

Hand-stamps as usually constructed and employing endless type-bands are stretched around a roller and bar and remain at a tension, and unless the bands are constantly shifted they tend to adhere to the bar and roller, and then when it is attempted to shift them the bands frequently break.

It is one object of my invention, therefore, to have a tension device in connection with the hand-stamp of such a character that the bands can be slackened when not in use, so as to avoid adhesion to the rollers and bar.

With these and certain other objects in view my invention consists in the novel features of construction and combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a perspective view of a device constructed in accordance with my invention. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a longitudinal sectional view on the line 3 3 of Fig. 2. Fig. 4 is a detail perspective view showing one end of the cover-plate. Fig. 5 is a detail perspective view showing the manner of connecting the bottom bar to the leg of the frame. Fig. 6 is a detail view showing a portion of one of the type-bands.

In constructing a device in accordance with my invention I employ a metal frame comprising the top A and the side legs B, said side legs being preferably bifurcated at their lower ends, as shown at B′, and the bifurcated ends are connected by means of the bottom cross-bars C, flanged, as shown at C′, and having the upturned ends C^2, which are securely riveted to the ends of the legs, as shown at C^3.

In practice I prefer to employ two series of type-bands in order to print two lines, one line covering the name and the other the address; but it is obvious that any desired number of series could be employed, according to the number of lines of printing desired. In arranging the series of type-bands I employ two axles D, mounted in the upper portion of the frame and having the squared end portions D′ projecting through the slots B^2 produced in the side legs of the frame, said squared ends having threaded apertures in which work the adjusting-screws E, said screws being grooved, as shown at E′, and supported by means of the lateral projecting bifurcated lugs F′ of the cover-plate F, so that by turning the screw the axles D will be raised or lowered. Each axle D carries a series of rollers G, provided with notched or milled flanges G′, and passing around the rollers G of the bottom bars C are the flexible type-bands H, each band having the letters of the alphabet, the Arabic numerals, and certain punctuation-marks necessary in writing a name and address or other subject-matter, and it will of course be understood that the bands are adjusted in the usual manner to produce the desired line of type, and it will also be understood that by loosening the screws to a certain extent this adjustment can be quickly and easily accomplished, and then by tightening the screws all danger of the bands shifting is entirely avoided. The cover-plate F projects slightly over the sides of the stamp for the purpose of protecting the rollers and upper portions of the type-band, and a knob or handle I is rigidly connected to the cover-plate and top of the frame, as most clearly shown in Figs. 1, 2, and 3, thereby enabling the device to be readily handled after the type-bands have been adjusted. Each corner of the cover-plate is split and turned under the top of the frame, as shown at F^2, for the purpose of connecting the said cover-plate to the top of the frame. By means of the adjusting-screw the axles can be dropped to such an extent as to slacken the type-bands, and thereby relieve them from direct contact with the rollers and bottom bar, thereby avoiding the adhesion of the bands to the said rollers and bars, as would inevitably take place if the

said bands were held in close contact with the bars and rollers, as is usually the case in hand-stamps employing the endless elastic bands.

It will thus be seen that I provide an exceedingly-simple and highly-efficient construction of stamp specially adapted for stamping shipping-tags, thereby saving a great deal of time and labor in making my said tags, and it will also be noted that I have avoided the most objectionable features of the ordinary hand-stamp employing elastic type-bands.

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

1. A device of the kind described comprising a frame, the lower ends of which are connected by parallel bars, a pair of axles adjustably mounted in vertical slots at the opposite end of the frame, each axle carrying a series of rollers, and the endless type-bands movable around the rollers and bottom bars.

2. A device of the kind described comprising a frame having the parallel bottom bars, parallel axles mounted in slots near the opposite end of the frame, each axle having a series of rollers arranged to turn thereon, the endless type-bands adapted to travel around the rollers and bars and screws carried by the cover-plate and passing through the axle for adjusting the axles for the purpose described.

3. A device of the kind described comprising a frame having the parallel bottom bars connected thereto, parallel axles mounted in the frame, the rollers arranged upon the axles and the type-bands adapted to travel around the rollers and bottom bars, a cover-plate connected to the top of the frame and the adjusting-screws carried by the cover-plate and passing through the ends of the axles whereby said axles are adjustable with reference to the bottom bars, all of said parts being arranged and adapted to operate substantially as described.

4. A device of the kind described comprising a frame, the lower ends of which are connected by parallel bars, a pair of axles having squared ends mounted in vertical slots at the opposite end of the frame, and the adjusting-screws carried by the cover-plate and passing through the ends of the axles, for the purpose described.

5. A device of the kind described comprising a frame, the lower ends of which are connected by parallel bars, a pair of axles having squared ends mounted in vertical slots at the opposite end of the frame, each axle carrying a series of rollers, the endless type-bands adapted to travel around the rollers and bars, and adjusting-screws mounted in slotted lugs of the cover-plate and passing through the end of the axle for the purpose described.

CHARLES CHURCHILL KING.

Witnesses:
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