(No Model.)

E. H. FAULKNER.

LABELING AND PASTING APPARATUS.

No. 405,466. Patented June 18, 1889.

Fig. 1.

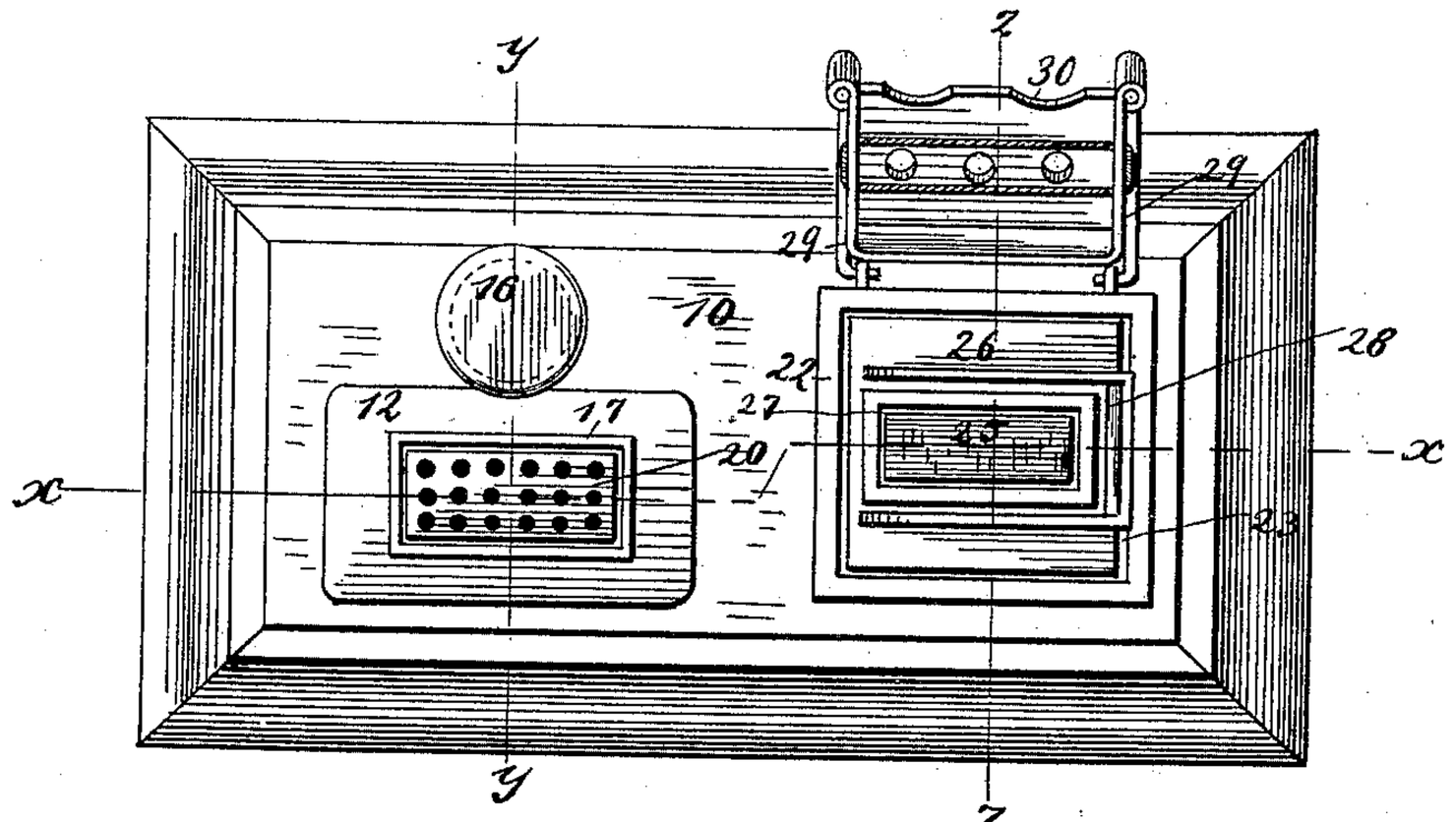


Fig. 2.

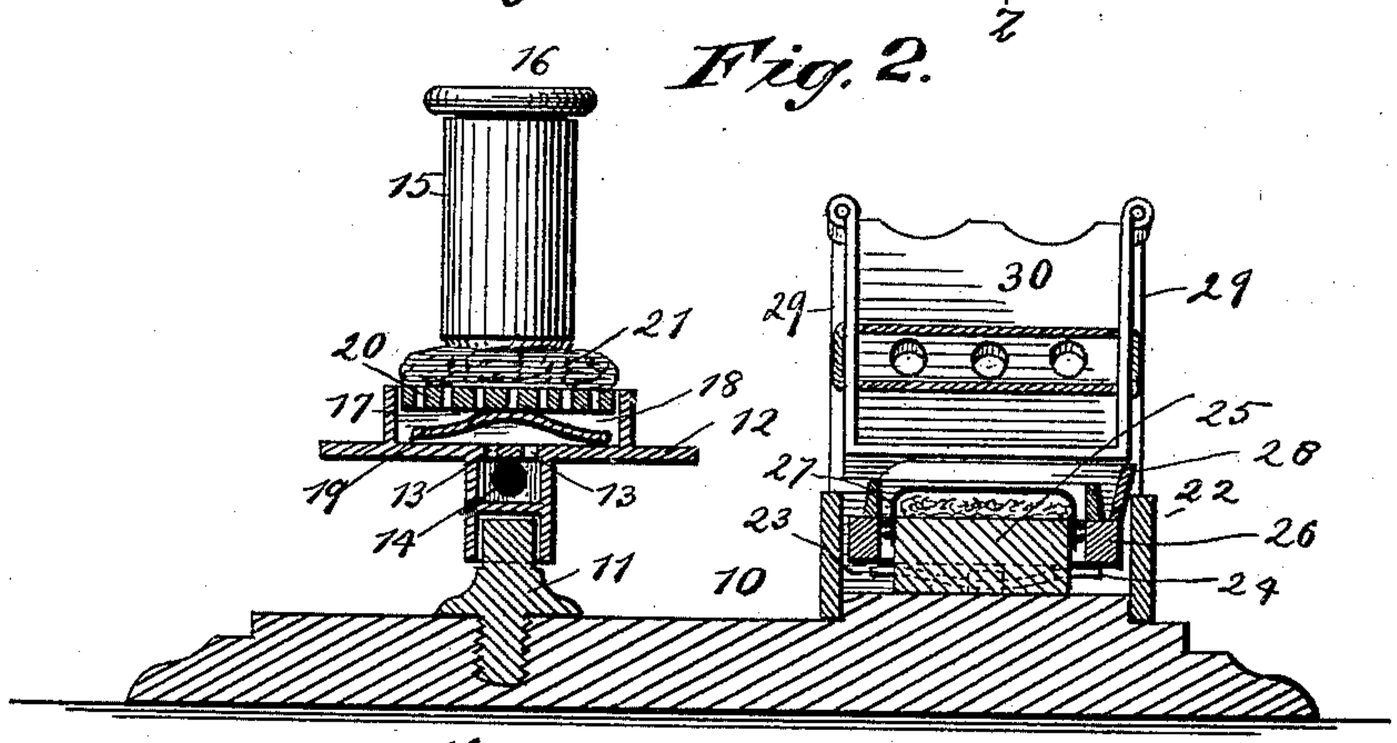


Fig. 3.

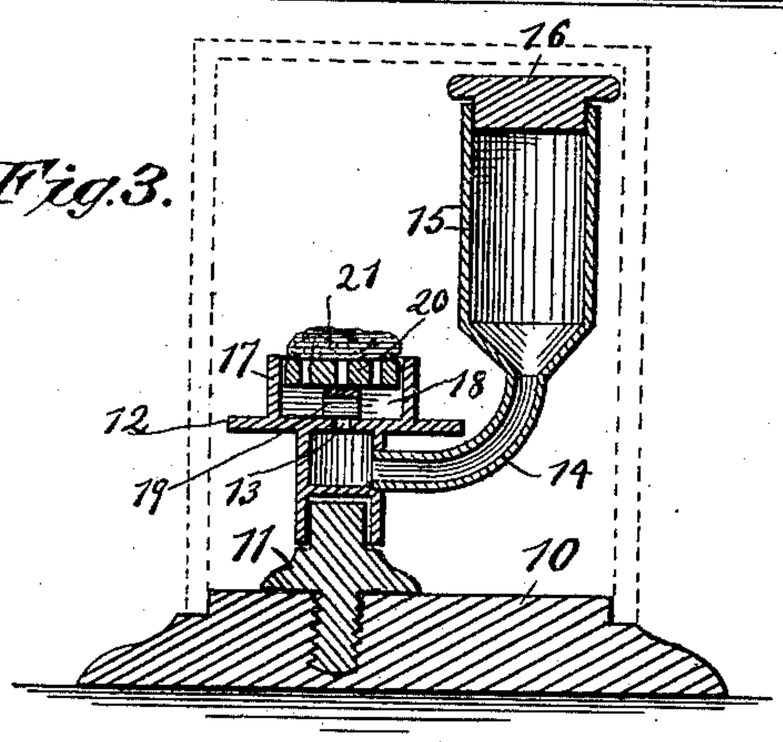


Fig. 4.

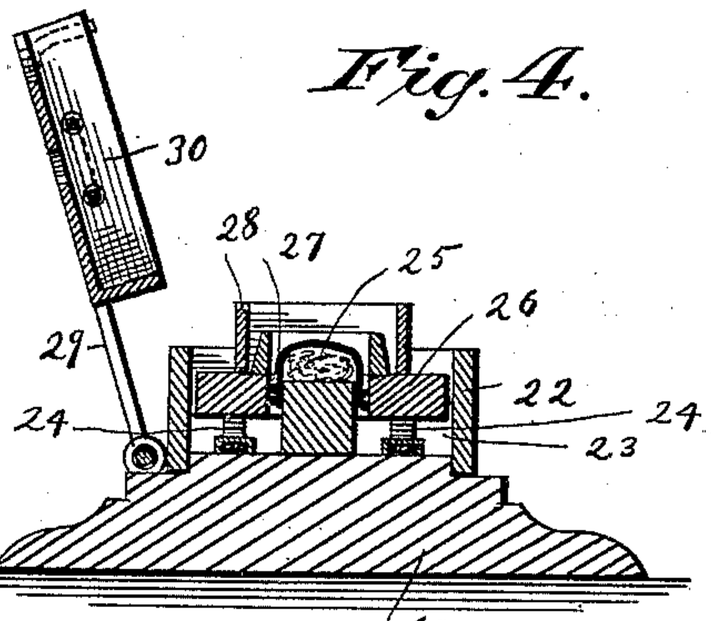
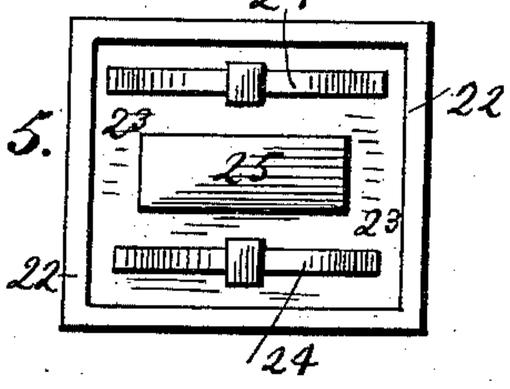


Fig. 5.



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LABELING AND PASTING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 405,466, dated June 18, 1889.

Application filed April 17, 1888. Serial No. 270,895. (No model.)

To all whom it may concern:

Be it known that I, ELIAB H. FAULKNER, of Deposit, in the county of Broome and State of New York, have invented a new and Improved Labeling and Pasting Apparatus, of which the following is a full, clear, and exact description.

My invention relates to a labeling and pasting apparatus, and has for its object to provide a device whereby labels may be expeditiously applied to bottles or packages with great neatness.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the device. Fig. 2 is a longitudinal vertical section on line *x x* of Fig. 1. Fig. 3 is a transverse section on line *y y* of Fig. 1. Fig. 4 is a transverse section on line *z z* of Fig. 1; and Fig. 5 is a plan view of the label receptacle and pad with the guide-plate removed.

In carrying out the invention a base 10 is provided, preferably rectangular in shape and of greater length than width, from which base a post 11 is projected, and upon the post 11 a table 12 is secured. The post 11 is tubular, and the table is provided with perforations 13 immediately over the post. From the rear of the post a pipe 14 is curved upward, which pipe is adapted to support a cylinder 15, having a suitable detachable cap or cover 16. Upon the upper face of the table 12 a rectangular flange 17 is secured surrounding the apertures 13, whereby a compartment 18 is produced. In the compartment 18 and bearing upon the table a spring 19 is longitudinally held, and upon said spring a perforated plate 20 is supported, which perforated plate may be attached to the spring, if so desired. Upon the perforated plate 20 the pad 21, of any suitable absorbent material, is rested, either attached to the plate or detachable therefrom, as in practice may be found most desirable.

The cylinder 15 is adapted to hold a paste, which, finding its way through the tube connecting the cylinder and post and up through the post, oozes through the apertures 13 into the compartment 18, from whence, when the pad 21 is compressed, the said paste passes upward through the perforations in the plate 20, saturating the pad and appearing upon the surface thereof.

Upon the base a rectangular box or casing 22 is built or constructed having an open top, which casing or box is situated convenient to the cylinder and pad-table above described.

In the receptacle 23, formed by the casing 22 at each side of its center, springs 24 are secured to its bottom, and centrally within said receptacle a pad 25 is provided, which pad is adapted to project upward, preferably in alignment with the upper edges of the casing. A guide-plate 26, adapted to the inner contour of the receptacle 23, is adapted to rest upon the springs 24, the said guide-plate being provided with a rectangular opening 27, through which opening the pad 25 is adapted to project, the said opening being of such a width as to permit a free vertical movement of the guide-plate around the pad. Upon the guide-plate adjacent to the pad-opening and at a slight distance upward therefrom a flange 28 is secured, adapted to project upward and surround the pad-opening, preferably upon three sides.

At one side of the casing 22 spaced aligning arms 29 are pivoted, which arms, extending upward and having an inclination outward, are adapted to sustain an open box or holder 30, the said box being open at the top and upon the front, or that side facing the casing 22. The holder is adapted to contain the surplus labels which are to be placed on the bottles or packages, the said labels being held in position by an elastic band extending from side to side of the holder, or by any other equivalent or approved device.

In operation a quantity of labels are placed upon the label-pad 25, and the bottles or packages to which the labels are to be affixed are arranged adjacent to the pasting-table. The cylinder 15 having been filled with paste, which paste having found its way to the pad

21, a bottle or package is taken up by the operator and pressed upon the pad 21. Thereupon the said pad is depressed, and paste, passing up through the perforated plate 20 and oozing out through said pad, is communicated to the contact-surface of the bottle or package. The bottle or package with its surface thus covered with paste is carried to the label-pad and rested upon the flanges surrounding the pad-opening in the guide-plate. By pressing upon the box or package the guide-plate is depressed, and the springs 24, upon which the said guide-plate rests, are also depressed. This movement brings the paste-covered surface of the bottle or package in contact with the uppermost label upon the label-pad, which label clings to the pasted surface, whereupon the operation is complete.

It will thus be observed that, the box or bottles being arranged adjacent to the pasting-table, the operator, standing in front or at the side of the said pasting-table, may quickly apply the bottle or package to the pasting table or pad, and turn about, depress the guide-plate, and thereby affix the proper label.

It will also be observed that by reason of the springs 24, when the guide-plate is depressed by the bottle or package for the purpose of affixing the label to the pasted surface, on said label being affixed and the bottle or package removed, the springs, reacting, will carry the guide-plate upward in position to receive another package.

If found in practice convenient and desirable, the pasting-table, paste-cylinder, the label-carrier, and the label-holder may be arranged upon a base in such order that they may be conveniently inclosed with a suitable cover, as partially shown in dotted lines in Fig. 3.

The flange upon the pasting-table, forming the paste-receptacle with which the perforated plate and pad reciprocate, may be of any desired contour, and, likewise, the pad upon which the dry labels are rested in the label box or casing.

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

1. The combination, with an apertured table provided with a flange upon its upper face surrounding said aperture, and a tubular support for said table, of a cylinder connected with said tubular support, and a spring-actuated pad resting upon the table above the apertures therein, substantially as and for the purpose herein set forth.

2. The combination, with an inclosing flange or casing open at its top, of a spring-seated paste-pad within said casing, a paste-receptacle being formed below the pad to supply paste thereto, substantially as set forth.

3. A label paster, holder, and affixer comprising a pasting-table, a cylinder supplying paste to said table, a spring-actuated pad resting upon said table, a box or casing adjacent to the pasting-table, provided with an upwardly-projecting pad secured centrally to its bottom, a spring-actuated vertically-reciprocating guide-plate provided with an opening adapted to receive the pad, and a flange projecting upward from said guide-plate and surrounding the pad-opening, substantially as and for the purpose specified.

4. A label paster, holder, and affixer consisting in a pasting-table, a cylinder adapted to supply paste to said table, a spring-actuated pad of absorbent material resting upon said table, a box or casing arranged adjacent to the pasting-table, provided with a pad secured centrally to its bottom and projecting upward essentially flush with the upper edges of the box or casing, and springs attached to the bottom of the said box or casing, one at each side of said pad, a guide-plate resting upon said springs adapted for vertical reciprocation in the box or casing and provided with an opening adapted to receive the pad, and a vertical flange projecting from the upper surface of the guide-plate around the pad-opening a short distance therefrom, substantially as and for the purpose specified.

ELIAB H. FAULKNER.

Witnesses:
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JOSEPH A. WHITE.