

No. 841,029.

PATENTED JAN. 8, 1907.

A. MARCUS.  
LABELING MACHINE.  
APPLICATION FILED MAR. 27, 1906.

Fig. 1.

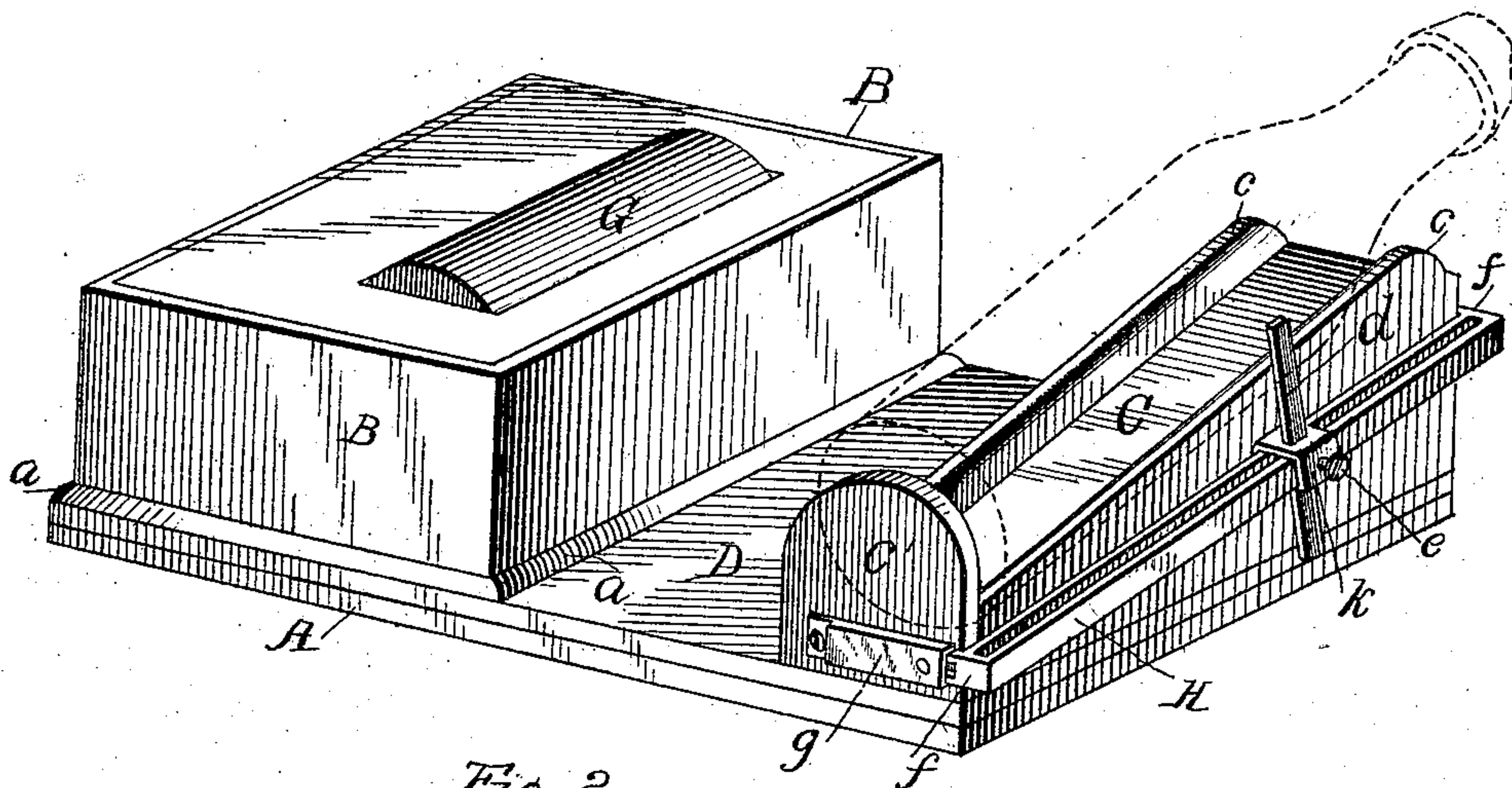
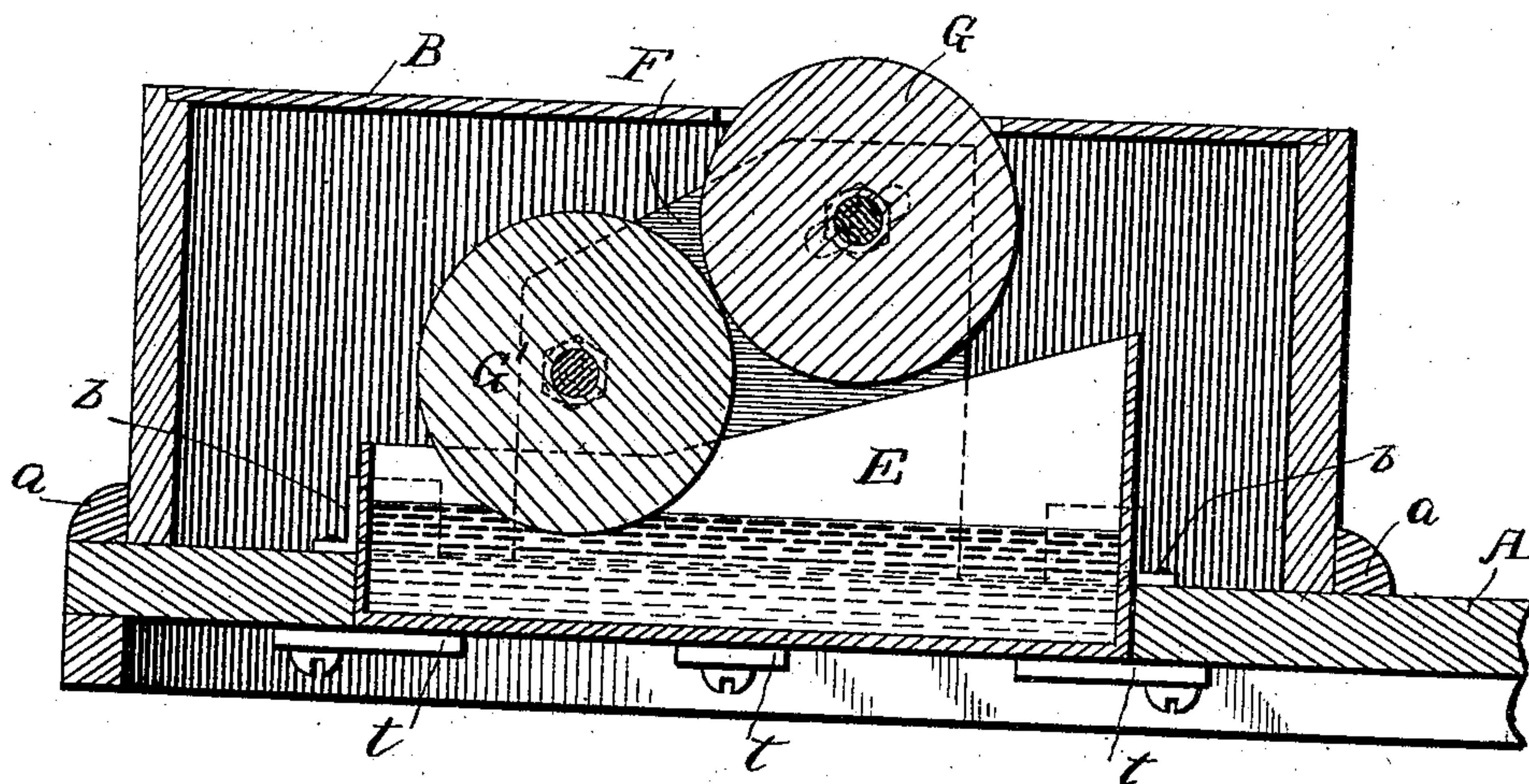


Fig. 2.



WITNESSES:

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## LABELING-MACHINE.

No. 841,029.

Specification of Letters Patent.

Patented Jan. 8, 1907.

Application filed March 27, 1906. Serial No. 308,267.

*To all whom it may concern:*

Be it known that I, ANDRÉ MARCUS, a citizen of France, residing at Shreveport, in the parish of Caddo and State of Louisiana, have made certain new and useful Improvements in Labeling-Machines, of which the following is a specification.

My invention is in the nature of a simple and cheap labeling-machine designed to be used by hand for applying labels to bottles, packages, &c.; and it consists in the novel construction and arrangement of parts hereinafter described, and pointed out in the claims.

Figure 1 is a perspective view of the entire machine. Fig. 2 is a transverse section through the pasting devices.

In the drawings, A represents a base-board having at one end a pasting-box B and at the other end a seat C for the bottle or package to which the label is to be applied. Both these parts B and C extend above the base-board, so as to leave a space D between them, in which may be conveniently placed a stack of the labels.

The pasting-box consists of a detachable part composed of four sides and a slotted sheet-metal top, which detachable part sits within a seat formed on the base-board by a marginal flange *a*. Inside the paste-box and held in place by a recess in the base-board or by corner-plates *b* there is detachably held a glue-pan E, made of sheet metal and higher on one side than it is on the other.

Fixed to the base-board within the paste-box there is on each side of the glue-pan a vertical plate F, in bearings in which are mounted two rollers G G', arranged at different heights. These rollers rotate in surface contact with each other, and the lower roller is partly submerged in the glue-water or paste in the pan E, while the other roller projects a slight distance through the slot in the top of the pasting-box, so that as the rollers revolve the lower roller takes up the paste or glue and distributes it uniformly upon the other roller, which as it turns exposes through the top of the box a continually-renewed surface of uniformly-distributed glue or paste. The axial bearings of the two rollers are preferably pivotal bearings, and the plates F are made of springy material, so

that they may be sprung apart to permit the rollers to be conveniently taken out and put in when cleaning them. Beneath the glue-pan the base-board is cut through with an opening large enough to allow the pan to be taken out through the bottom of the base-board, the pan being held up to its place by turn-buttons *t*.

The seat C for holding the bottle or package while the label is being applied is preferably formed inclined on its upper surface and has raised side flanges *c c* and a raised abutment *c'* at its lower end. Between the side flanges and the abutment *c'* the bottle or package is firmly held while the label is being applied to the same. The seat C is nearly horizontal and is arranged to hold the bottle in a prone or lying-down position just about on a level with the top of the roller G.

To enable the operator to always place the label at the same point on the bottle or package, a marker-bar *d* is arranged at the side and is made adjustable up and down along the seat, according to the position the label is to occupy. This marker-bar extends through a keeper *k*, which in turn slides longitudinally along the slotted bar H, arranged beside the seat and parallel to the same on the outer side. A set-screw *e* fixes the position of the marker on the slotted bar. At the ends the slotted bar has right-angular slides *f f*, which enter sockets *g* at the ends of the seat and allow the slotted bar and its marker to be set farther away from the seat to accommodate larger bottles or packages.

In the operation of the labeling-machine a bottle or package is placed on the seat. A label is then taken off the pile occupying the space D and is passed over the exposed surface of the pasting-roller G from left to right to apply the paste, and the label thus charged uniformly with paste or glue is by a continuation of the same movement from left to right quickly slipped onto the bottle in about the same plane, thus getting the label on the bottle immediately after pasting it and before it has time to curl up. The location of the labels on the bottle is uniformly the same by the indication afforded by the marker.

This labeling-machine is very simple, cheap, and free from derangement, is easily



cleaned, and by its aid an operator is enabled to label from fifteen hundred to two thousand bottles a day.

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

1. A labeling-machine consisting of a base having at one end a paste-box projecting above the base and having a pan inside the same, and a paste-roller projecting through the top of the box, said base having also at its other end, a seat for holding the article to which the label is to be applied in a prone position and on substantially the same level as the paste-roller, said seat being spaced away from the paste-box, substantially as and for the purpose described.

2. A labeling-machine consisting of a base having at one end a paste-box projecting above the base and having a pan inside the same and two paste-rollers, one dipping into the pan and the other in contact with the first and extending through a slot in the top of the box, and a seat for holding the article to which the label is to be applied in prone

position and on about the same level of the upper roller, said seat being spaced apart from the paste-box as described.

3. A labeling-machine, consisting of a base having at one end a paste-box with slotted top, a glue-pan with two rollers in the paste-box, one dipping down into the glue-pan and the other extending through the slotted top of the paste-box, a seat for the article to be labeled, and a marker arranged at the side of the seat and adjustable in two directions.

4. In a labeling-machine, the combination of a base-board having an opening through the same, a glue-pan fitting within said opening, retaining devices for holding the pan in said opening, one or more distributing-rollers arranged above the pan, a paste-box inclosing the rollers and having a slotted top through which the surface of the roller may protrude and a seat for the article to be labeled located on the base-board and beside the paste-box.

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Witnesses:

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