

J. H. HUDSON.

Label Gumming Apparatus.

No. 123,906.

Patented Feb. 20, 1872.

Fig. 1.

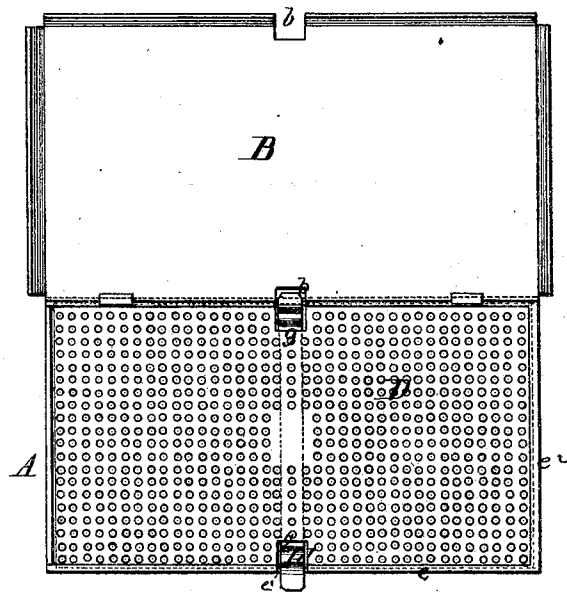
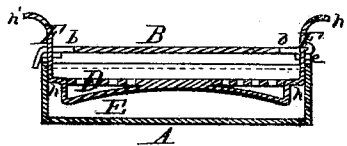


Fig. 2.



Witnesses

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JOHN HENRY HUDSON, OF WINONA, MINNESOTA, ASSIGNOR TO JEAN O. HARRA AND LOUIS AY, OF SAME PLACE.

IMPROVEMENT IN LABEL-GUMMING APPARATUS.

Specification forming part of Letters Patent No. 123,906, dated February 20, 1872.

To all whom it may concern:

Be it known that I, JOHN HENRY HUDSON, of Winona, in the county of Winona and State of Minnesota, have invented a new and valuable Improvement in Label-Gumming Apparatus; and do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a top view of my invention. Fig. 2 is a vertical transverse section.

This invention has relation to the gumming of labels; and consists in the construction and novel arrangement of the parts of an apparatus by means of which labels may be readily and neatly coated with the proper quantity of gum, as hereinafter described.

In the drawing, A represents a rectangular box, having three of its edges flanged inwardly, and provided with a hinged lid, B, in two sides of which openings *b* are cut. D designates a perforated plate fitting the interior of the box A, into which it is placed by sliding it under the flanges on the edges thereof. Attached to the under side of the plate D is a curved strip of metal, E, which is bent up at the side edges of the perforated plate to constitute arms F which pass through recesses *g*, cut in said edges of the plate. The strip E rests on the bottom of the box at the angles

formed by bending up the arms F. On said arms are formed shoulders *h*, and at their upper ends flanges *h'*, by which they may be held. When the lid of the box A is closed the arms F pass through the openings *b*.

To use this apparatus a quantity of gum solution is placed on the bottom of the box and the plate D let down into it. When the gum passes through the perforations so as to fill the plate the latter is raised up to the top of the box. The arms F then spring out and the shoulders *h* rest on the edges of the box, in the flanges *e* of which recesses *e'* are cut for reception of said arms. The label is then laid on the plate and gummed, and is then drawn off from the flanged end of the box, the flange *e''* removing the surplus gum. To let down the plate the arms F are pressed inwardly, so as to remove the shoulders *h* from the edges of the box. The lid is useful in preventing the gum from becoming dry when not in use.

I claim as my invention—

In a label-gumming apparatus the movable perforated plate D, having the spring arms F, in combination with the flanged box A, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN HENRY HUDSON.

Witnesses:

C. G. MAYBURY,
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