

D. R. SAUNDERS.

Fluting-Machines.

No. 134,936.

Patented Jan. 14, 1873.

Fig. 1.

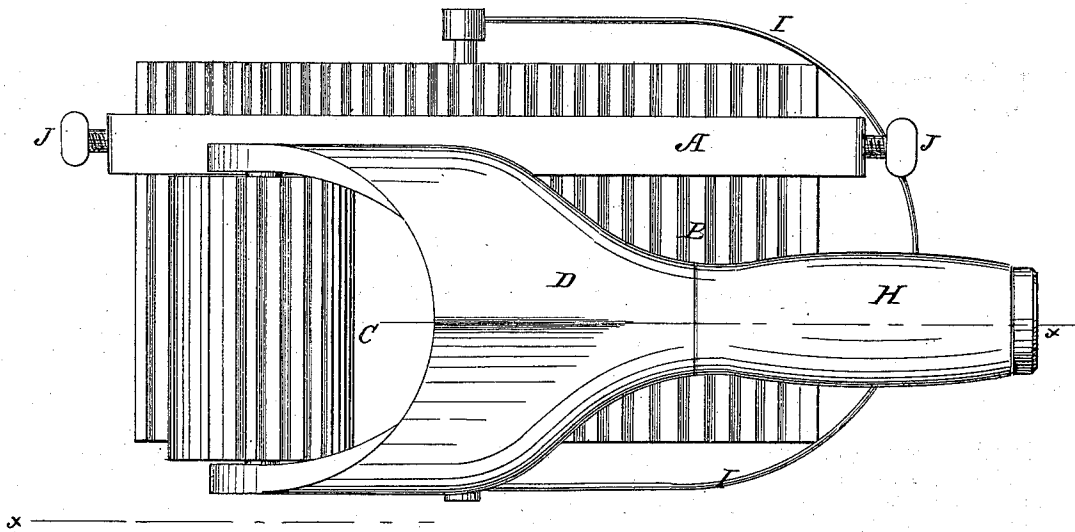
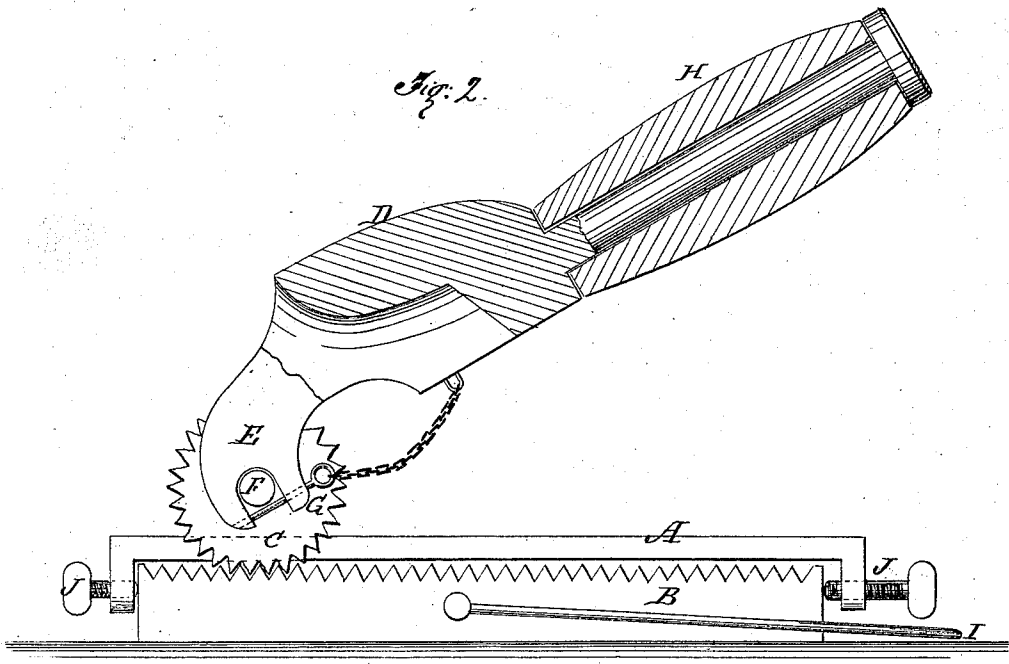


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

DAVID R. SAUNDERS, OF HOUSTON, TEXAS.

IMPROVEMENT IN FLUTING-MACHINES.

Specification forming part of Letters Patent No. 134,936, dated January 14, 1873.

To all whom it may concern:

Be it known that I, DAVID R. SAUNDERS, of Houston, in the county of Harris and State of Texas, have invented a new and useful Improvement in Gage Fluting-Machines, of which the following is a specification:

This invention relates to a machine for fluting or crimping articles of ladies' apparel; and consists, mainly, in a gage which is attached to the bed-piece, by means of which the width of the fluted part is regulated. It also consists in the construction, combination, and arrangement of parts as hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a top or plan view of the machine. Fig. 2 is a longitudinal section taken on the line *x* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the gage; B is the bed-piece; C is the roller; and D is the handle. The bed B is a flat plate of metal, fluted or serrated in the usual manner, so as to make the flute or crimp in any desired form. The roller C is also of metal, and made to correspond with the bed, and should be of sufficient diameter to raise the ears E of the handle above the gage, as seen in the drawing.

The roller revolves on the bed as it is moved back and forth with its end in contact with the gage, as represented.

F represents the roller-pivots, which are confined in the ears of the handle by the re-

movable pins G. The handle is made of cast metal, with a hand-piece, H, of wood. I is a bail, attached to the bed for convenience in handling the latter after heating. J represents screws in the ends of the gage, by means of which the latter is adjusted and fastened to the bed.

By the use of the gage the flutes in the article are made to terminate in a straight line, and the fluted part may be located wherever it may be desired. The article to be fluted may be spread over the bed, and the gage adjusted thereon to govern the position of the roller.

I do not confine myself to the precise form and construction shown, as the machine may be varied in many ways and still admit of the use of the gage, which gage constitutes the main feature of my invention.

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

1. In combination with a plate fluting or crimping machine, the gage A, substantially as described.

2. The bed B, roller E, gage A, and handle D, constructed, combined, and arranged substantially as described, for the purposes set forth.

DAVID R. SAUNDERS.

Witnesses:

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