

(No Model.)

2 Sheets—Sheet 1.

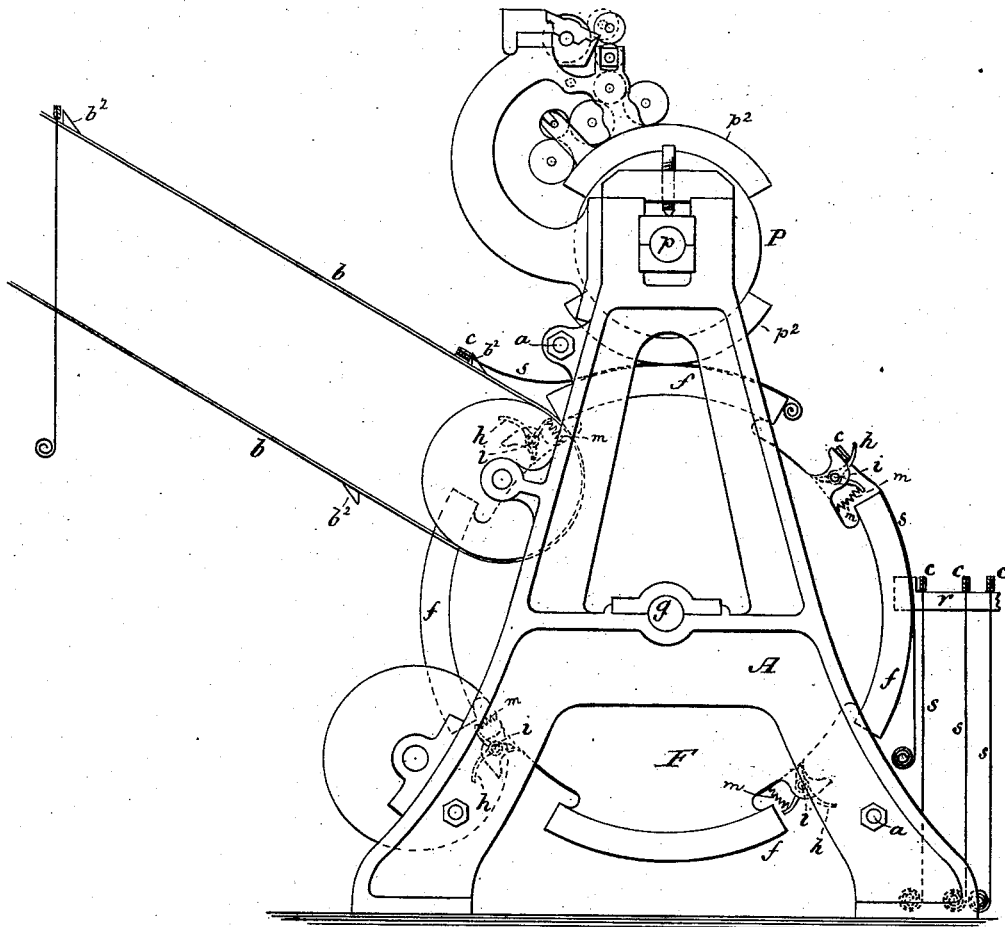
W. BAILEY.

MACHINE FOR PRINTING WINDOW SHADES.

No. 260,078.

Patented June 27, 1882.

Fig. 1.



WITNESSES=

William J. Carr
James P. Edwards

INVENTOR=

William M. Bailey

(No Model.)

2 Sheets—Sheet 2.

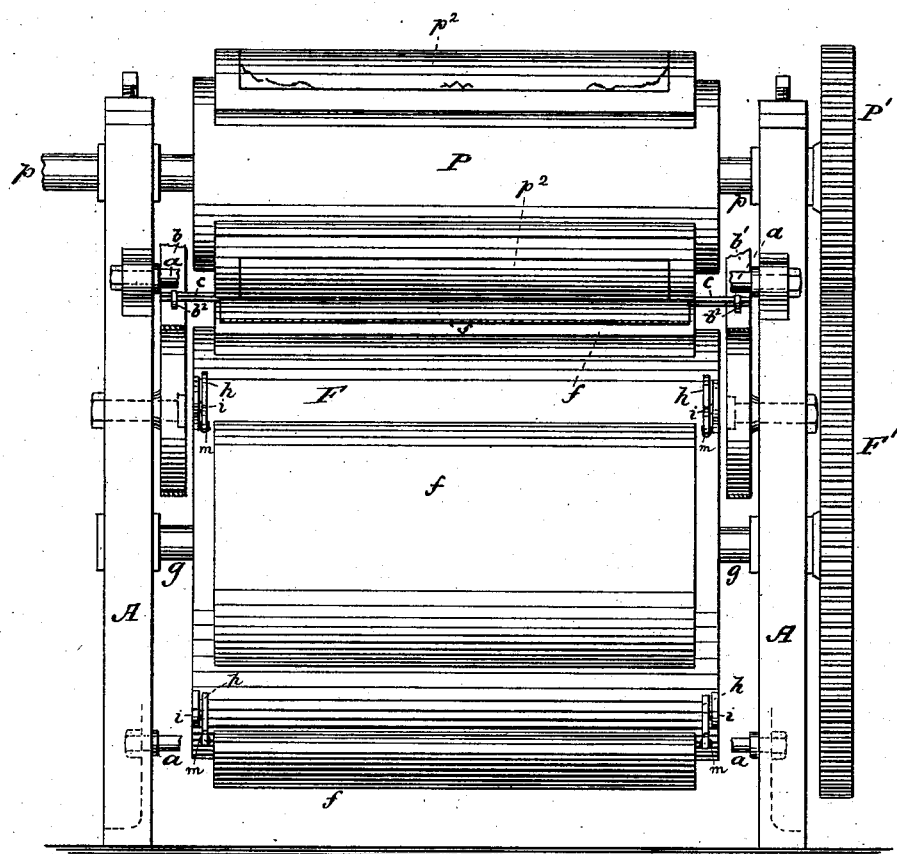
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MACHINE FOR PRINTING WINDOW SHADES.

No. 260,078.

Patented June 27, 1882.

Fig. 2.



WITNESSES =

William H. Barr
James R. Emery

INVENTOR =

William Bailey

UNITED STATES PATENT OFFICE.

WILLIAM BAILEY, OF BROOKLYN, NEW YORK.

MACHINE FOR PRINTING WINDOW-SHADES.

SPECIFICATION forming part of Letters Patent No. 260,078, dated June 27, 1882.

Application filed November 10, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BAILEY, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Machine for Printing Window-Shades, of which the following is a specification.

Of the drawings, Figure 1 represents a side elevation of my machine. Fig. 2 represents a front view of the same.

10 Similar letters refer to similar parts.

The object of my invention is to render the art of printing window-shades more precise and perfect than the methods in use at the present time. To attain this result I employ the following mechanism:

15 A A are two side frames, secured at the proper distance apart by the stay-bolts *a*. Upon the upper part of the frames is placed the plate-roller P, which, revolving upon the shaft *p*, carries the electrotypes or figured blocks *p*², which are secured upon its surface.

20 The ink is applied to the faces of the electrotypes *p*² by the usual arrangement of fount and distributing rolls, as in other printing machinery.

25 Beneath the roller P is located the impression-roll F, which has projecting segments *f*, for the purpose of applying the proper pressure to the shade while passing the plate-roller P.

30 Upon the roll F and between the segments *f* are carried the movable hooks *h h*. The hooks *h h* turn upon pins *i i*, and are governed by the springs *m m*, which may be replaced by a cam-movement, either stationary or moving, if desired.

35 At the front of the machine is placed the permanent rack *r*, upon which are the shades *s s* to be printed. The shades *s s* are supported by the wooden clamps *c c*, which are made long enough to project over the rack *r* and engage

at both ends with the hooks *h h*. At the back of the machine is a belt or endless apron, *b*, carrying the projections *b*², which enable the belt *b* to take the shade, when printed, from the hooks *h h* and carry it to the place of delivery. The rolls P and F are geared together in such manner as to secure the proper relative speed, and the whole is driven by power or hand, as preferred.

45 In operating this machine, the shades being placed upon the rack *r*, as shown, the operator easily moves one up to the roll F, when it is taken up by the hooks *h h* engaging the two ends of the clamp *c*. These hooks carry the shade forward under the roll P and deliver it to the belt *b* when printed. The belt *b* is made double, so as to engage the clamps *c* only near the ends, and permitting the printed shades to hang between, as shown in the case of the rack *r*.

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

1. In a machine for printing window-shades, the combination of the impression-roll F with the hooks *h* and the clamps *c*, as and for the purpose herein shown and set forth.

2. The combination of the design-roll P, impression-roll F, having hooks *h*, rack *r*, clamps *c*, and delivery-belts *b*, having projections *b*², substantially as shown and described.

3. In a machine for printing window-shades, the combination of the belts *b*, projections *b*², and impression-roll F, having hooks *h* and clamps *c*, constructed and operated substantially as herein shown and described.

WILLIAM BAILEY.

Witnesses:

WILLIAM A. BARR,
JAMES DEMAREST.