

(No Model.)

2 Sheets—Sheet 1.

S. C. HURLBUT.
PRINTING MACHINE.

No. 582,161.

Patented May 4, 1897.

Fig. 1.

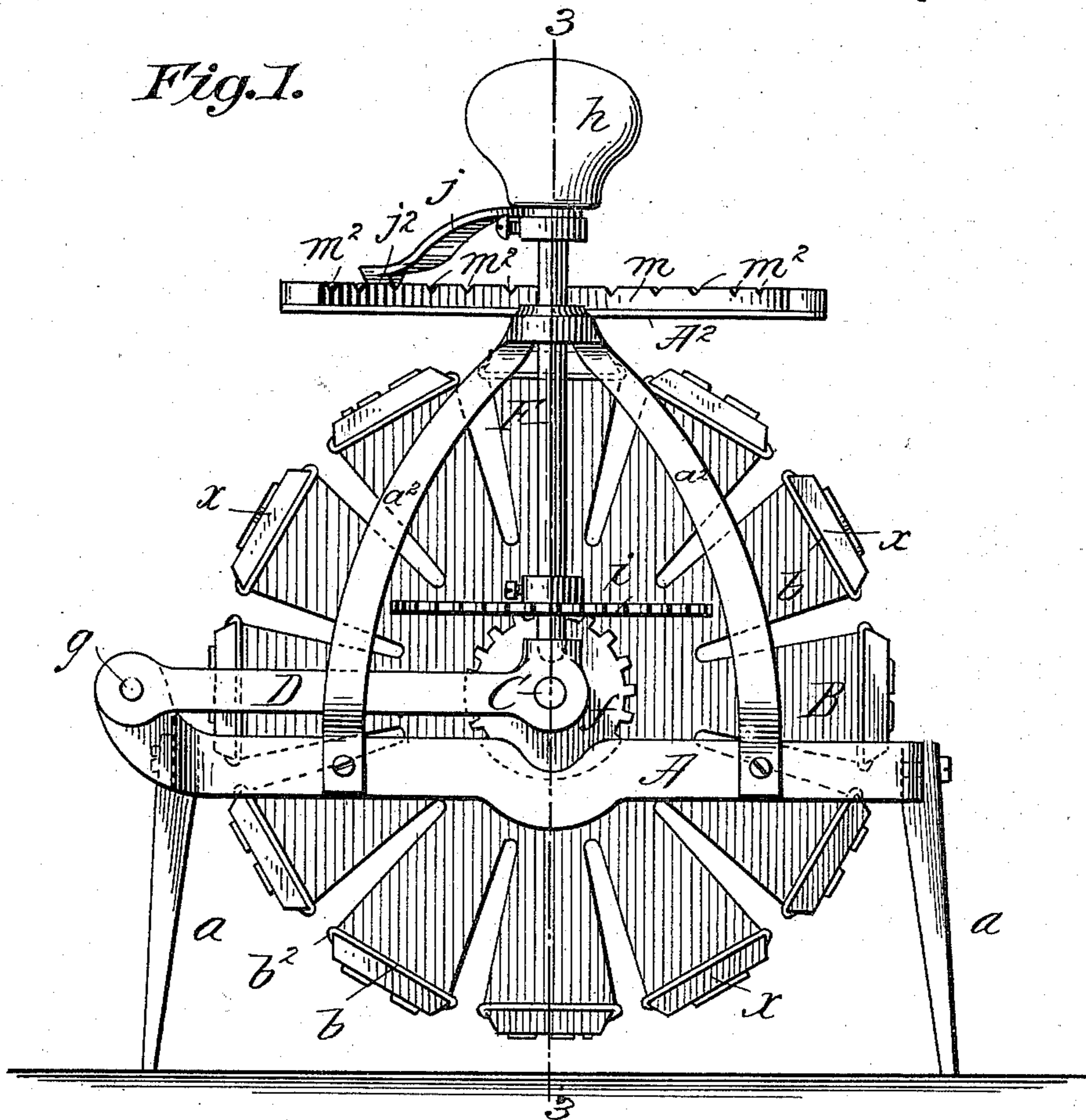
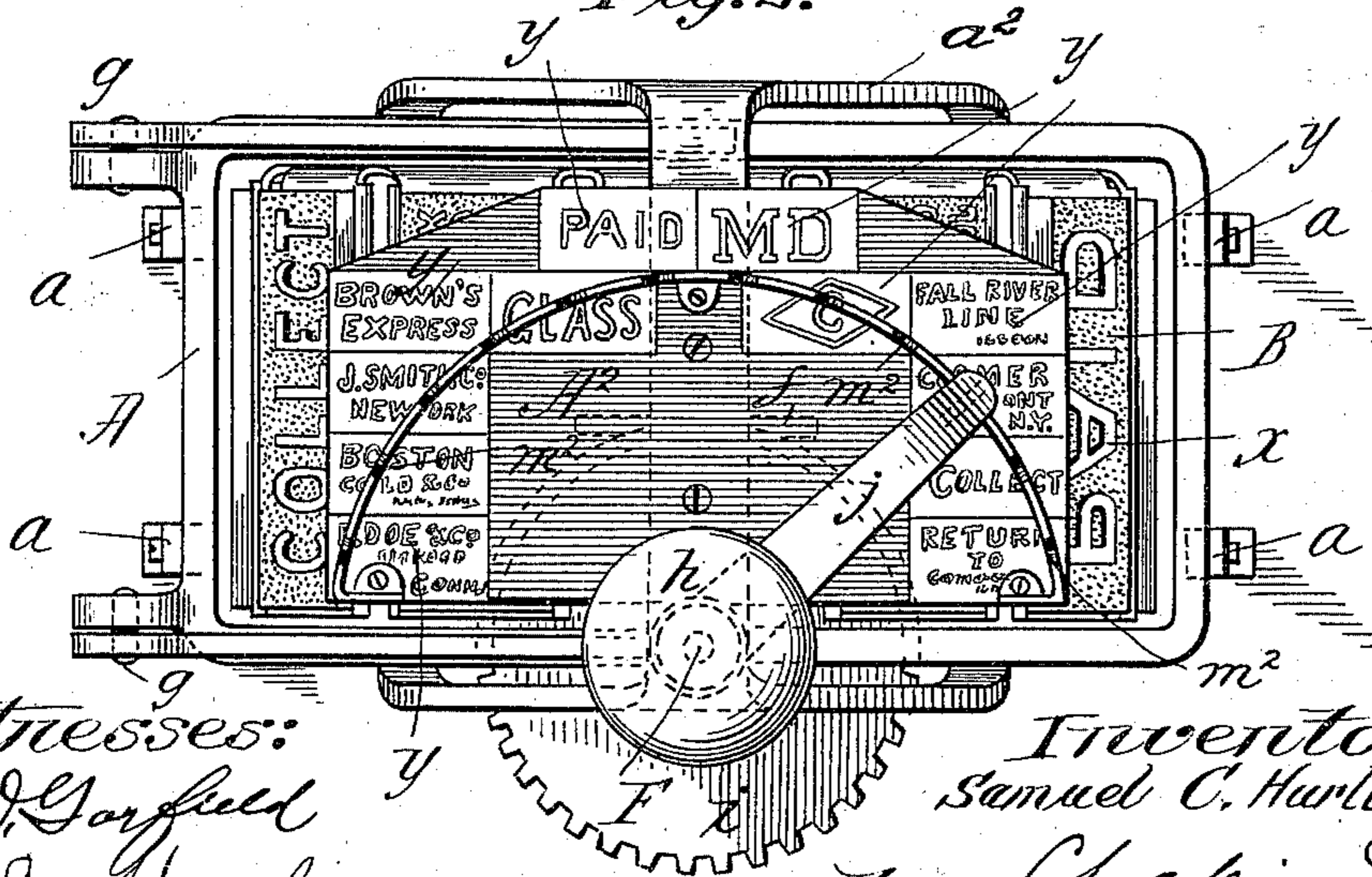


Fig. 2.



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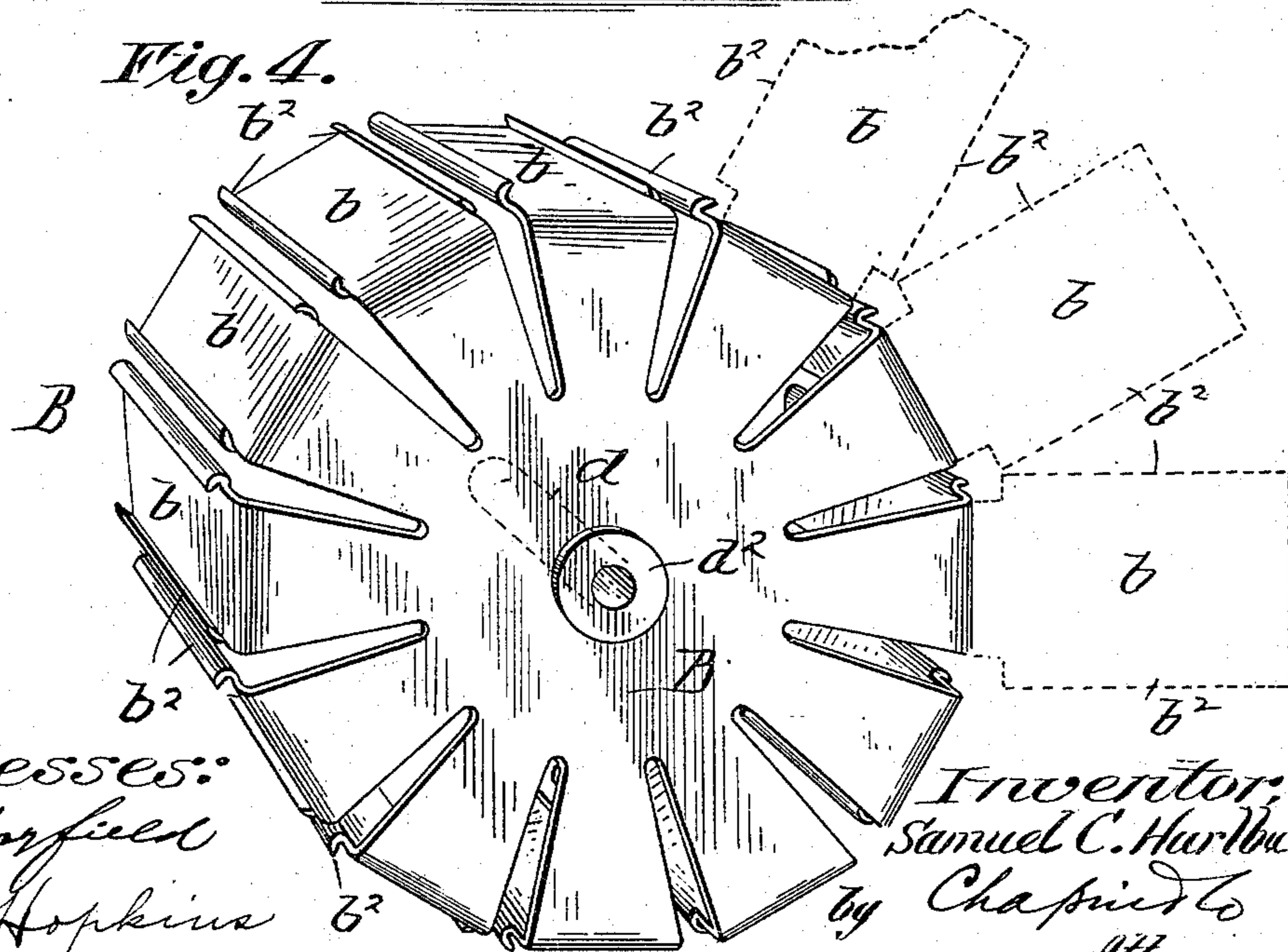
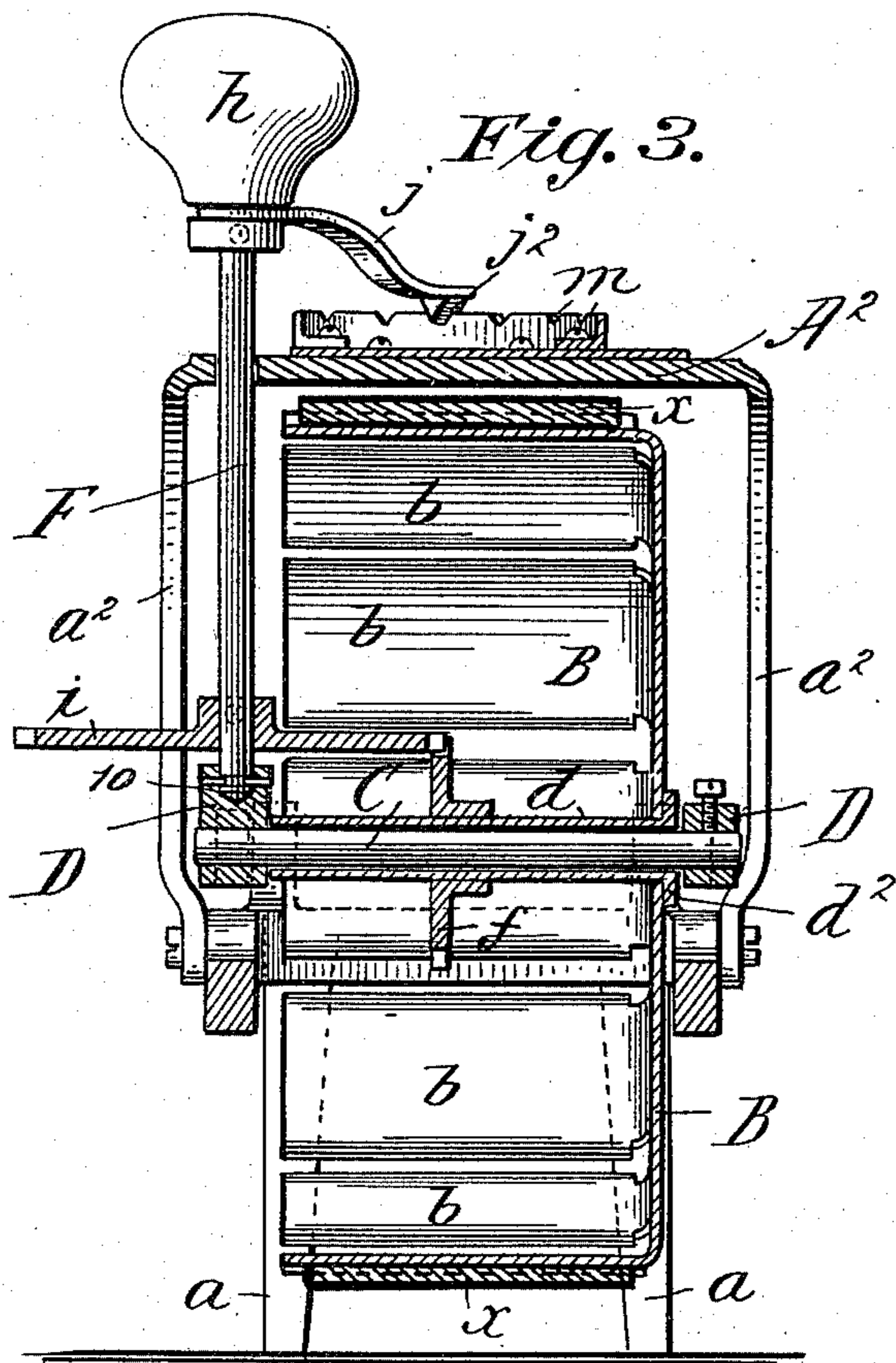
(No Model.)

2 Sheets—Sheet 2.

S. C. HURLBUT.
PRINTING MACHINE.

No. 582,161.

Patented May 4, 1897.



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UNITED STATES PATENT OFFICE.

SAMUEL C. HURLBUT, OF ELMWOOD, CONNECTICUT, ASSIGNOR TO WILBUR E. GOODWIN, OF WEST HARTFORD, CONNECTICUT.

PRINTING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 582,161, dated May 4, 1897.

Application filed September 6, 1895. Serial No. 561,632. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL C. HURLBUT, a citizen of the United States, residing at Elmwood, in the county of Hartford and State of Connecticut, have invented new and useful Improvements in Printing-Machines, of which the following is a specification.

This invention relates to improvements in printing-machines of a class especially applicable to the uses of shipping-clerks and those who employ numerous and divers rubber or other suitable stamps; and it consists in a rotary stamp-holder consisting of a blank of thin metal having radial incisions whereby separate radial members are formed, said members being turned right-angularly to the middle portion of the blank and adapted to support printing-stamps thereon, as will be more fully described hereinafter.

The improved machine is illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the machine. Fig. 2 is a plan view of the same. Fig. 3 is a central vertical section taken on the line 3 3, Fig. 1; and Fig. 4 is a perspective view of the rotatable holder for the rubber or other type.

Similar characters of reference indicate corresponding parts in all of the views.

The stationary support for the machine consists of the rectangular frame A, having the legs *a a*, and the platform or table A², supported above the frame A by the yoke-shaped upright *a*².

B represents the holder for the several printing-stamps, which is rotatable on the shaft C therefor, which is movably supported, as below described. The said holder, as particularly shown in the drawings, is made from a blank of thin though sufficiently rigid metal of an approximately circular form, having V-shaped segments radially cut therefrom, leaving between them the radially-arranged rectangular members *b b*, which are edgewise widened for the outer portions of their lengths, as seen at *b*². The members *b* are turned right-angularly to the portion of the blank which immediately surrounds its center, imparting to the holder the form of a polygonal body, while the opposing edgewise widened portions *b*² of the several members *b* are turned angularly to constitute retain-

ing-flanges for the bodies of the stamps, which may be confined between them. The flanges are forced down hard against the body of the stamp, which is of dovetail form, so as to confine the stamp in place with no liability of its becoming displaced. The rotatable stamp-holder is provided with a tubular journal *d*, having the flanged end *d*², whereby it engages and is secured to the end or head of the holder, and said journal loosely fits on the shaft C, and upon this sleeve is fixed a gear-wheel *f*. The aforesaid shaft C is supported in the ends of the opposing links D, the latter having pivotal connections at *g* with the frame A. F represents the vertical shaft, having the knob or handle *h* at its upper end, which shaft has its lower end supported for rotation, as seen at 10, in the extremity of one of the said links D, adjacent to the end of the shaft C. The said shaft F is also guided for its vertical play through the upper framing A². The said shaft F has thereon a gear-wheel *i*, which is of twice the diameter of the gear-wheel *f*, so that any rotational movement of the knob and shaft will impart twice the degree of rotational movement of the type of the stamp-holder or wheel.

In the machine as shown the type-holder has, peripherally, twelve stamps *x*, one-twelfth the rotation thereof being required to bring around a stamp which is next to the stamp in the printing presentation to the position of printing. On the table or platform at the top of the machine are arranged twelve cards or indexes *y*, comprising matter and having a succession of arrangement corresponding to the twelve rubber stamps which are mounted on the holder E and which are comprised in approximately a semicircular line, on which is fixed the upstanding flange or rack *m*, having twelve notches *m*². The shaft F or the handle or knob, which is practically a part thereof, has the radially-extended pointer *j*, the depending tooth *j*² of which has a clicking engagement in the said notched flange or rack *m*. This pointer *j* may be constructed of spring metal and serve as the means for returning the stamp-holder B and its adjunct movable parts to their normal elevated positions after they have been depressed in the operation of printing.

These machines may be especially equipped with stamps applicable to the business of any particular person or concern. For instance, a shipping-clerk may have provided upon the holder stamps which he commonly uses—such, for instance, as the names of his principal consignees, the express lines and routes by which he ships, return addresses, “Paid” and “Collect,” &c. Obviously in a railroad office or a banking office other characters of stamps would be provided on the stamp-wheel.

The machine is operated by being placed upon the package or article to be stamped and the knob is turned until the pointer engages in the notch which is adjacent the index *y* corresponding to the stamp desired to be used, whereupon the knob is pressed downwardly and the printing impact is effected, the release of the pressure permitting the movable parts to be restored to their normal position. Should it be desired to print upon the same package, as is often the case, from several of the stamps, the position of the machine is changed.

I claim—

1. In a printing-machine a rotary stamp-

holder, B, consisting of a blank of thin metal having radial incisions whereby separate radial members are formed, said members being turned right-angularly to the middle portion of the blank and adapted to support printing-stamps thereon, substantially as described.

2. In a printing-machine, a rotary stamp-holder, B, consisting of a blank of thin metal having radial incisions whereby separate radial members are formed, said members being turned right-angularly to the middle portion of the blank and having the opposing marginal portions, *b*², thereof upturned, substantially as described and shown.

3. In a printing-machine, a rotary stamp-holder, B, consisting of a blank of thin metal, having a series of radial incisions whereby separate radial members are formed, said members being turned parallel to the axis of the holder and the tubular journal, *d*, having the flanged end, *d*², secured to the holder, substantially as described.

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Witnesses:

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