

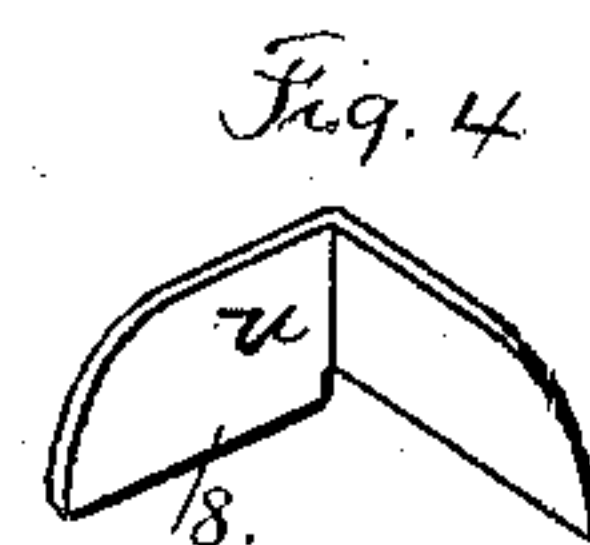
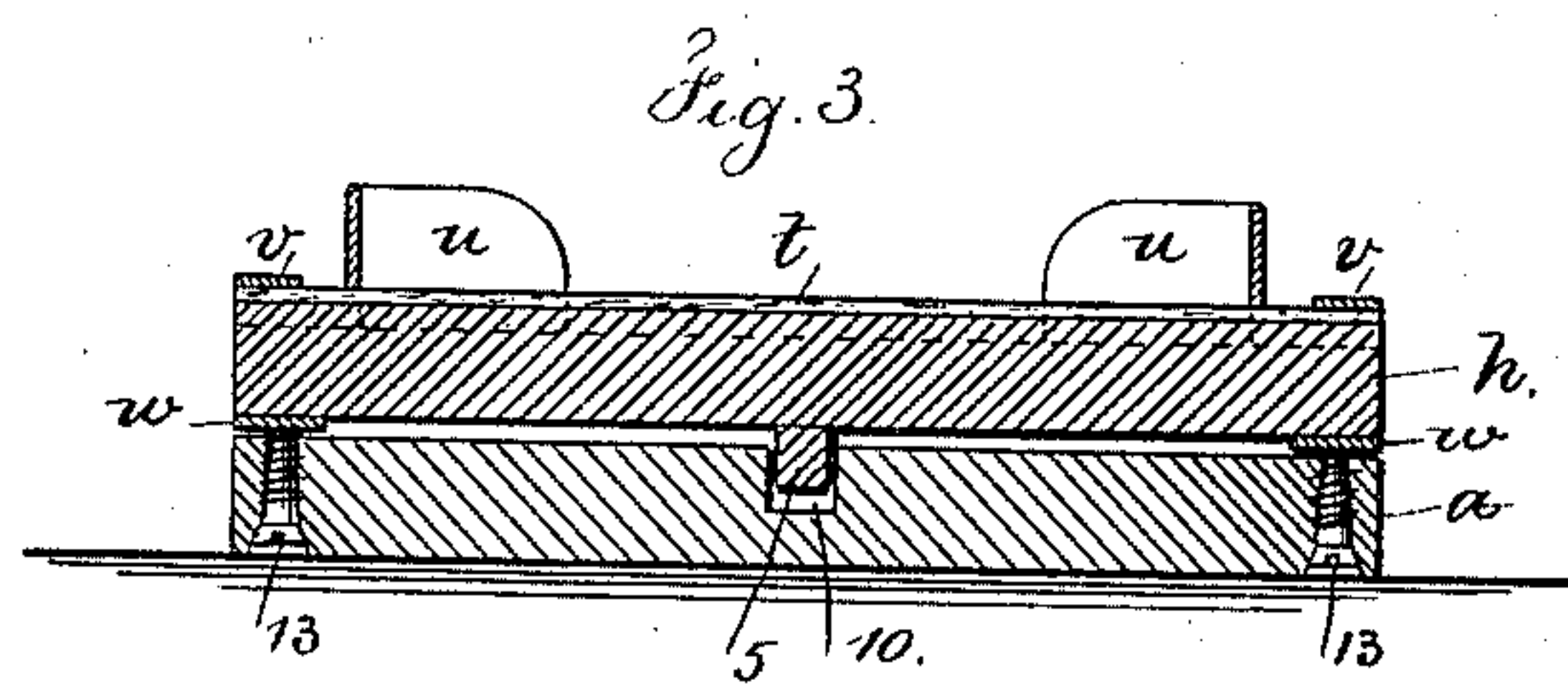
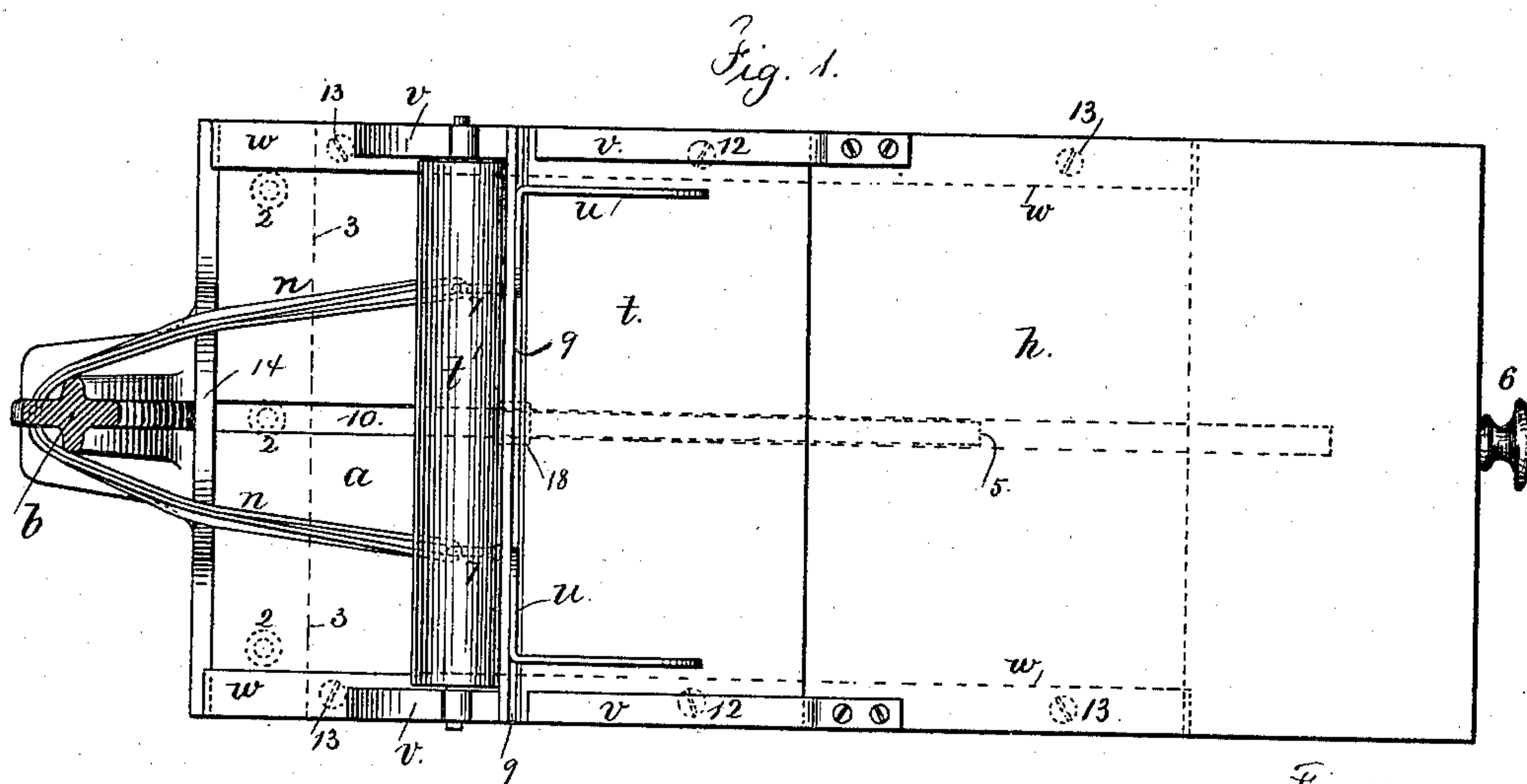
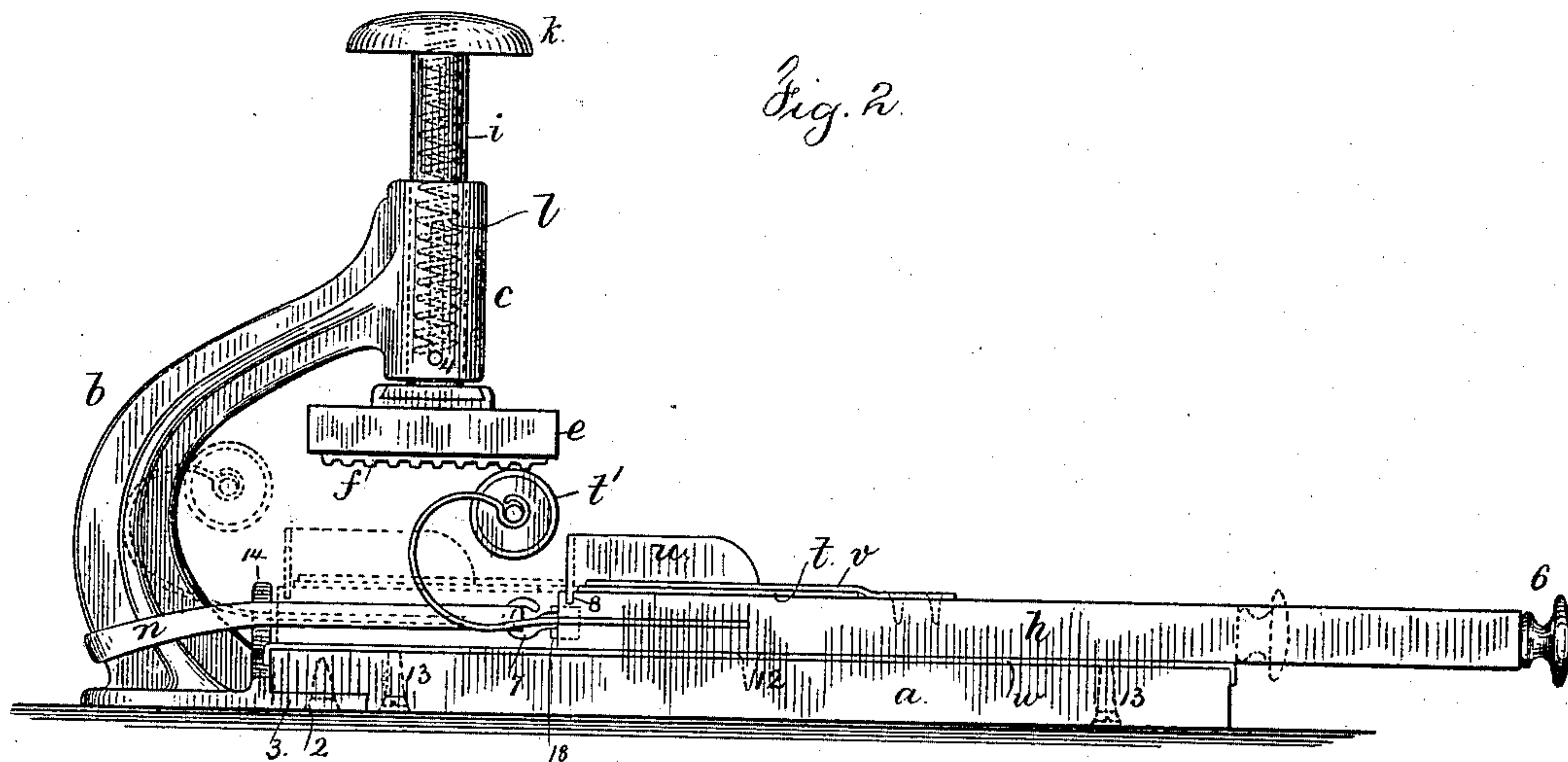
(No Model.)

S. J. MARDEN.

HAND STAMP.

No. 343,825.

Patented June 15, 1886.



Witnesses

Chas. H. Smith  
J. Stail

Inventor

Stephen J. Marden.  
per Lemuel W. Perrell atty



# UNITED STATES PATENT OFFICE.

STEPHEN J. MARDEN, OF BROOKLYN, NEW YORK.

## HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 343,825, dated June 15, 1886.

Application filed September 10, 1884. Serial No. 142,603. (No model.)

*To all whom it may concern:*

Be it known that I, STEPHEN J. MARDEN, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Hand-Stamps, of which the following is a specification.

This hand-stamp is especially intended for printing bill-heads, cards, headings for note and letter paper, business cards or envelopes, and other light printing.

In this hand-stamp the platen is fitted to slide back and forth, and the inking-roller is carried by spring-arms connected to the said platen. The platen is drawn forward by hand for removing the printed card or sheet and inserting the blank card or sheet to be printed, and said platen is returned to its normal position by a spring. During the forward and backward movement of the platen the inking-roller rolls against the types and inks them.

Provision is made for adjusting the platen so that its surface will be parallel with the face of the stamp or types.

In the drawings, Figure 1 is a sectional plan of the hand-stamp with the platen partly drawn forward. Fig. 2 is an elevation of the press with the parts in the same position as in Fig. 1, and Fig. 3 is a cross-section of the bed and platen. Fig. 4 is a perspective view of one of the gages.

The hand-stamp is of usual character, being composed of the block *e*, to which the stamp *f* is secured, the rod *i*, sliding through the head *e* of the standard *b*, and to which rod the block *e* is attached, and the spring *l*, for lifting the block and rod. The bed or base *a* is preferably of wood, and it is secured to the base of the metal standard by screws 2, passing into the bed through the flange 3 of said standard. The platen *h* is fitted to slide back and forth, and it is preferably guided by a rib, 5, upon its under side entering a groove at 10 in the bed *a*. A handle or knob, 6, is provided at the front of the platen, to be grasped by the hand in drawing the platen forward, and *n* is a spring for returning the platen to its normal position. This spring *n* is preferably a rubber band, with its ends connected to the eyes 7 7, the loop of the band passing partly around the base of the standard. There is a vertical flange, 14, upon

the base of the standard, which limits the backward movement of the platen, and upon the rear of the platen there is a block or rubber, 18, to lessen the noise made by the platen striking the stop-flange.

*t* is a pad of yielding material—such as cloth or blotting-paper—upon which the sheet, card, or other article to be printed is placed, and this pad is retained in place by the spring-clips *v v*.

*u u* are adjustable gages for determining the position of the sheet or card upon the pad, each gage being provided with a foot-piece, 8, entering a transverse groove at 9 in the platen.

To avoid the use of an ink-pad, and to make the hand-stamp an automatic inker, I employ a roller, *t'*, that is supported upon spring-arms. Each arm *v* is attached at one end to the platen, and the free end of the spring is curved and its end made as an eye for the axis of the roller. This roller runs under the block *e*, and rolls against the types and inks them during both the forward and backward movement of the platen, and the springs are curved or bent so that the eyes or bearings for the axis of the roller are placed at such a height that the spring must yield to allow the roller to pass under the types; hence said roller is pressed by the springs against the types of the stamp with sufficient pressure to thoroughly ink them.

The inking-roller *t'* is of wood or metal covered with felt-cloth, and the ink is applied to the felt or cloth from time to time, as required.

It frequently happens that the surface of the platen is not parallel with the face of the types or stamp upon the block *e*. To meet this difficulty, I provide plates *w*, of sheet metal, which extend preferably the entire length of the bed *a*, and are secured at about their middle to said bed by screws or pins 12. The platen rests and slides upon these plates, and if the surface of the platen is not parallel with the type-face of the stamp it is brought parallel therewith by turning one or more of the screws 13, which act to raise or lower the ends of the plates *w*, according to which way said screws are turned.

The dotted lines in Fig. 1 show the position of the platen and inking-roller when the platen

is drawn back and in position for the stamp to be brought down and impress the card or sheet upon the pad.

I claim as my invention—

- 5 1. The combination, in a hand-stamp printing-press, with a stationary bed, *a*, a sliding platen, *b*, and an inking-roller connected to said platen, of a spring for drawing back said platen, plates *w*, attached to the bed, and screws  
10 for raising or lowering the ends of the plates and adjusting the platen, a rib, 5, in a groove for guiding the platen, the spring-clips *v*, and the adjustable gages *u*, substantially as specified.
- 15 2. The combination, in a hand-stamp printing-press, with a stationary bed, *a*, a sliding platen, *b*, and an inking-roller connected to said platen, of a knob or handle for moving the platen in one direction and a spring for

drawing back said platen, plates *w*, attached 20 to the upper surface of the bed, and upon which the platen slides, and screws 13, for raising or lowering the ends of the plates and adjusting the platen, substantially as specified.

3. The combination, in a hand-stamp print- 25 ing-press, with a stationary bed and sliding platen, of plates *w*, attached to the surface of the bed, and upon which the platen slides, and screws 13, for raising or lowering the ends of the plates and adjusting the platen, an inking- 30 roller, and spring-arms *t'*, upon which said roller is carried, substantially as specified.

Signed by me this 6th day of September, A. D. 1884.

S. J. MARDEN.

Witnesses:

HAROLD SERRELL,  
WILLIAM G. MOTT.