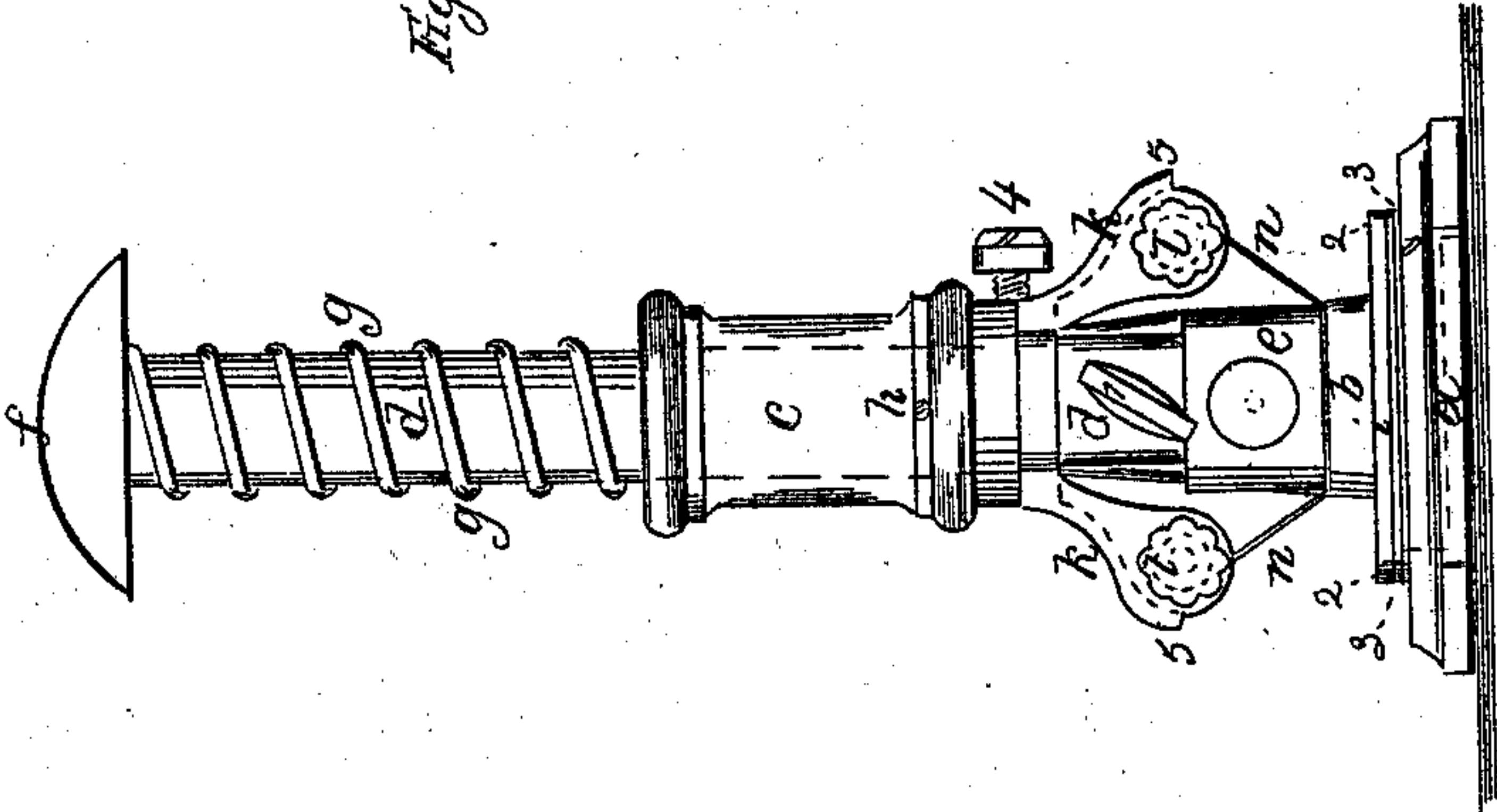


S. J. Smith,
Hand Stamp.

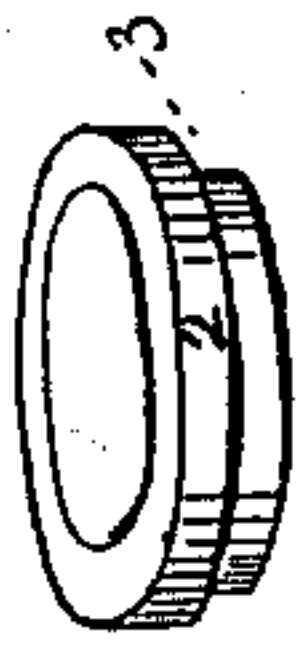
No. 49452.

Patented. Aug. 15. 1865.

Fig 2



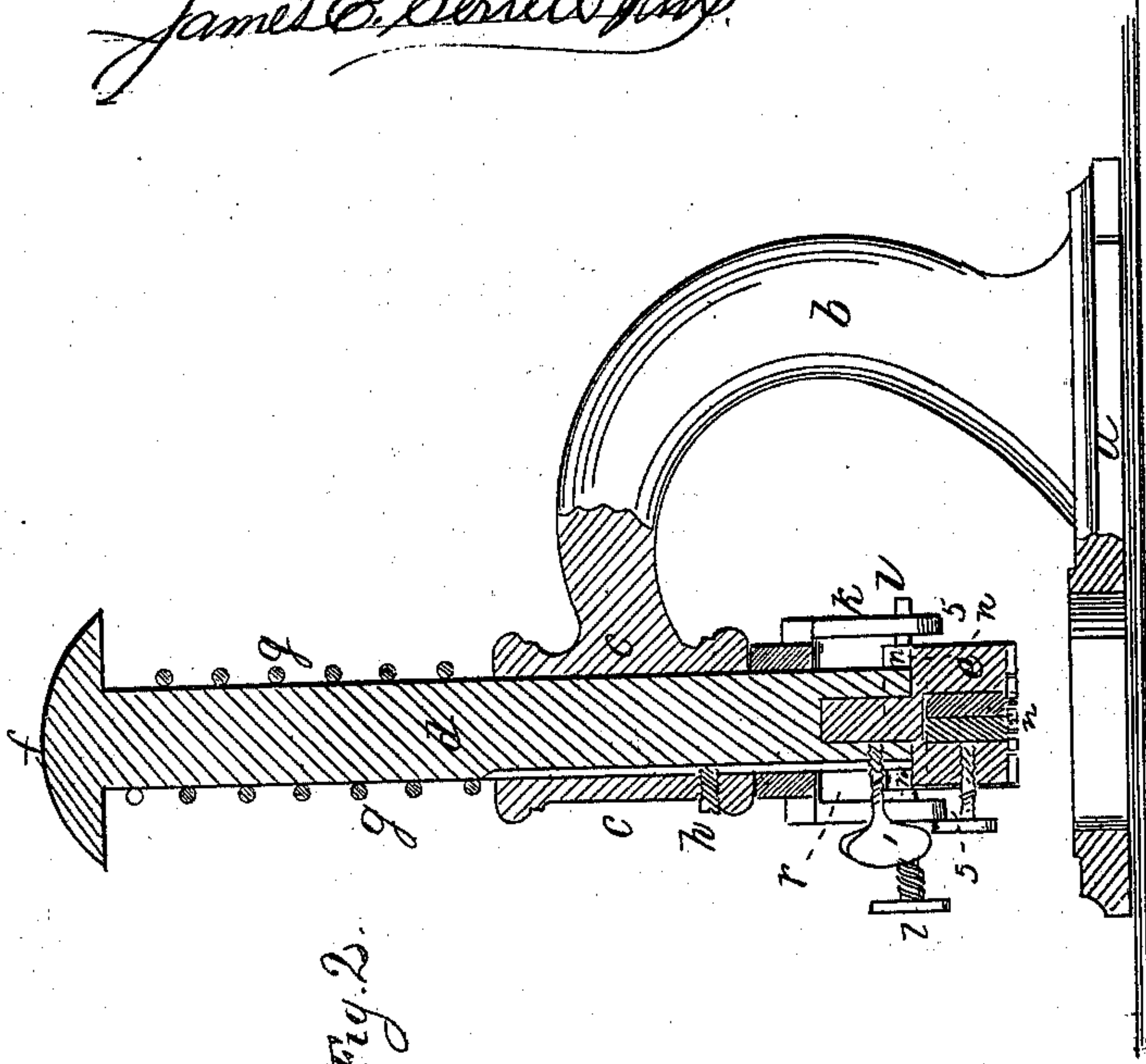
J. J. Smith



Witnesses

Lemuel M. Serrell
 James E. Serrell Jr.

Fig. 2.



UNITED STATES PATENT OFFICE.

SAML. J. SMITH, OF NEW YORK, N. Y.

HAND-STAMP.

Specification forming part of Letters Patent No. 49,452, dated August 15, 1865.

To all whom it may concern:

Be it known that I, SAMUEL J. SMITH, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Hand-Stamps; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a front elevation of my said stamp as ready for use on a sheet or sheets of paper introduced between the stamp and bed; and Fig. 2 is a section of said stamp with the movable portion of the bed removed, so as to stamp upon a book or other article that could not conveniently be entered between the stamp and bed.

Similar marks of reference denote the same parts.

The nature of my said invention consists in a movable bed applied with a hand-stamp, so that an impression can be made either upon a sheet of paper between the bed and stamp or upon a book, sheet of paper, or other substance below the main bed, the said movable portion of the bed being removed to allow the stamp to pass through the opening in the bed. I also employ an inking or impression ribbon carried by an adjustable head that is attached to and moves with the stamp-holder or sliding rod, so that the position of the said rollers and ribbon may be varied to allow the stamp to pass through the bed or act upon the surface of the movable section.

In the drawings, *a* is a bed, with an arm, *b*, at the end of which is a cylinder, *c*, that receives the rod *d*, carrying a stamp, *e*, at its lower end and a head, *f*, at its upper end, to be struck by the hand.

g is a spring to raise the stamp, and a screw is provided at *h*, the point of which enters a groove running lengthwise of the rod *d*, to prevent its turning, but allow an endwise movement.

The stamp *e* is formed with raised letters or other devices to be printed or impressed, and is attached by a stem passing into *d*, held by a set-screw, 1.

The movable bed *i* is formed with a flange, 2, resting upon a rubber ring, 3, and the movable bed *i* itself sets loosely within an opening

in the bed *a*, so that it may be easily lifted out in order that the stamp *e* may be struck through the said opening upon a book or other article the bed *a* may rest upon; or when the movable bed *i* is in its place in the bed *a* it receives the impression upon its upper surface, which is covered with rubber or other yielding material.

Around the rod *d* is the adjustable ribbon-carrier *k*, provided with a set-screw, 4, by which it is held in position on the rod *d*, and moves with said rod. This ribbon-carrier *k* is made hollow, with depending flanges, carrying the ribbon-rollers *l l*, that receive the impression-ribbon *n*, containing coloring-matter to give color to the impression from the stamp. It is preferable that the ribbon be drawn across nearly on the line of the face of the stamp; but to allow the rollers *l* to be out of the way when the stamp is struck through the opening in the bed *a* the carrier *k* has to be raised sufficiently to be clear of the upper surface of said bed *a*.

The ribbon is to be changed from time to time to bring a fresh coloring-surface over the types or stamp. This is done by turning the rollers as usual, and it is frequently necessary to introduce a new ribbon.

Heretofore difficulty has arisen in attaching the ends of the ribbons to the rollers *l*. My ribbon-carrier *k* gives great facility in this particular. I only have to slip off both stamp and carrier by loosening the respective screws and remove one ribbon and introduce another, holes being provided in the rollers through which to sew in attaching the ends of the ribbon, and the edges of the carrier *k*, only coming down to the point 5, allow the needle to be inserted and withdrawn with ease, which could not be done if the rollers were in a box, as heretofore usual.

One ribbon and its carrier *k* may be removed with ease and another with different-colored ink introduced to act with the stamp; and in consequence of the carrier *k* being adjustable and coming up against the under side of the cylinder *c*, through which the rod *d* passes, that rod and its stamp may be arrested in their upward movement at any desired point to which the carrier *k* may be placed, and thereby the amount of stroke necessary in giving an impression be determined.

What I claim, and desire to secure by Letters Patent, is—

1. A movable bed or section of the bed, in combination with a hand-stamp, substantially as specified, whereby the impression can be made against the movable portion of the bed, or against a book or other article when the bed is removed, as set forth.

2. A ribbon holder or carrier attached to and adjustable on the sliding rod that carries

or forms the stamp, substantially as and for the purposes specified.

In witness whereof I have hereunto set my signature this 13th day of May, 1865.

S. J. SMITH.

Witnesses:

LEMUEL W. SERRELL,

JAMES E. SERRELL, Jr.