

(Model.)

J. J. CALLOW.

STENCIL HOLDER.

No. 313,470.

Patented Mar. 10, 1885.

fig. 1.

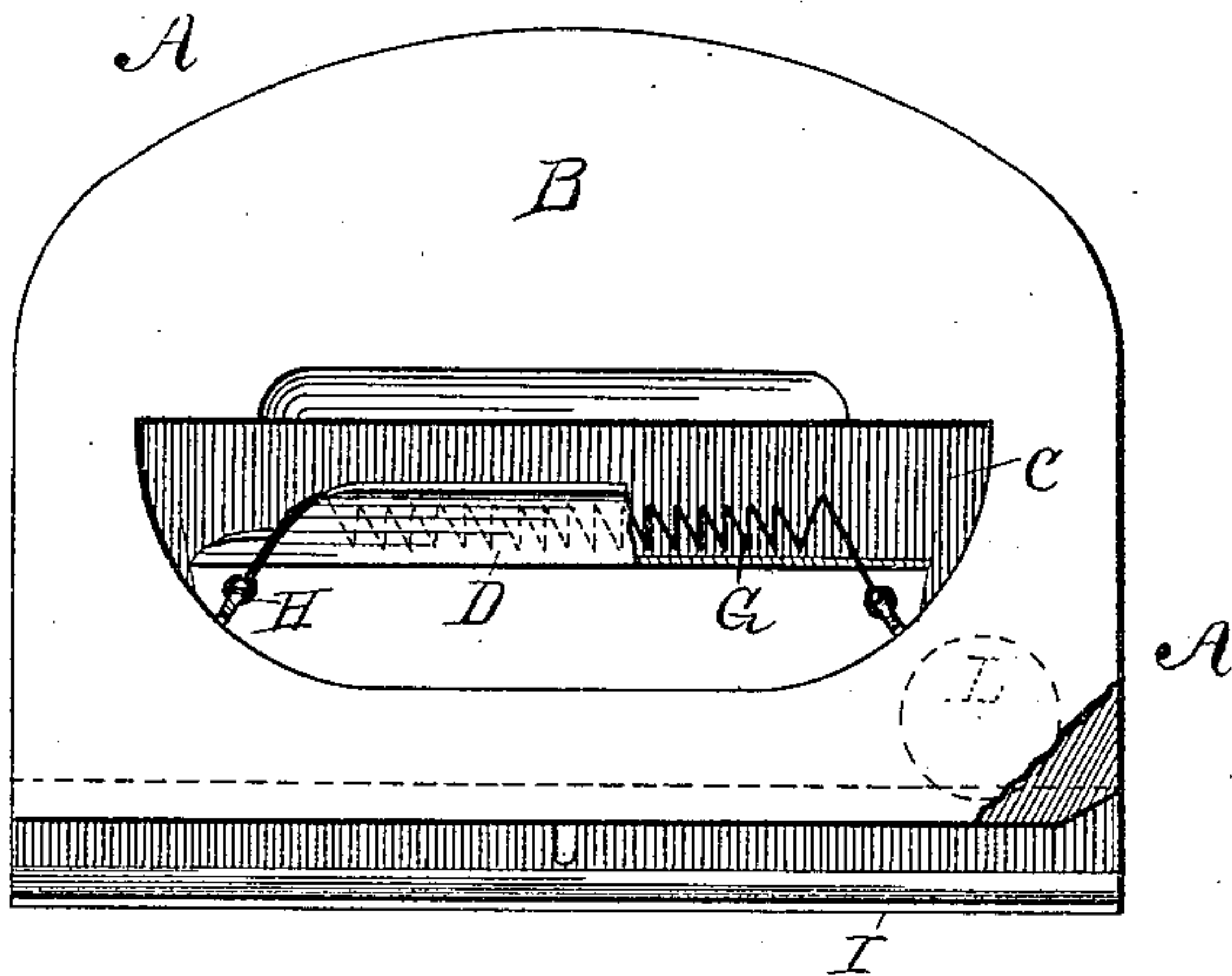


fig. 2.

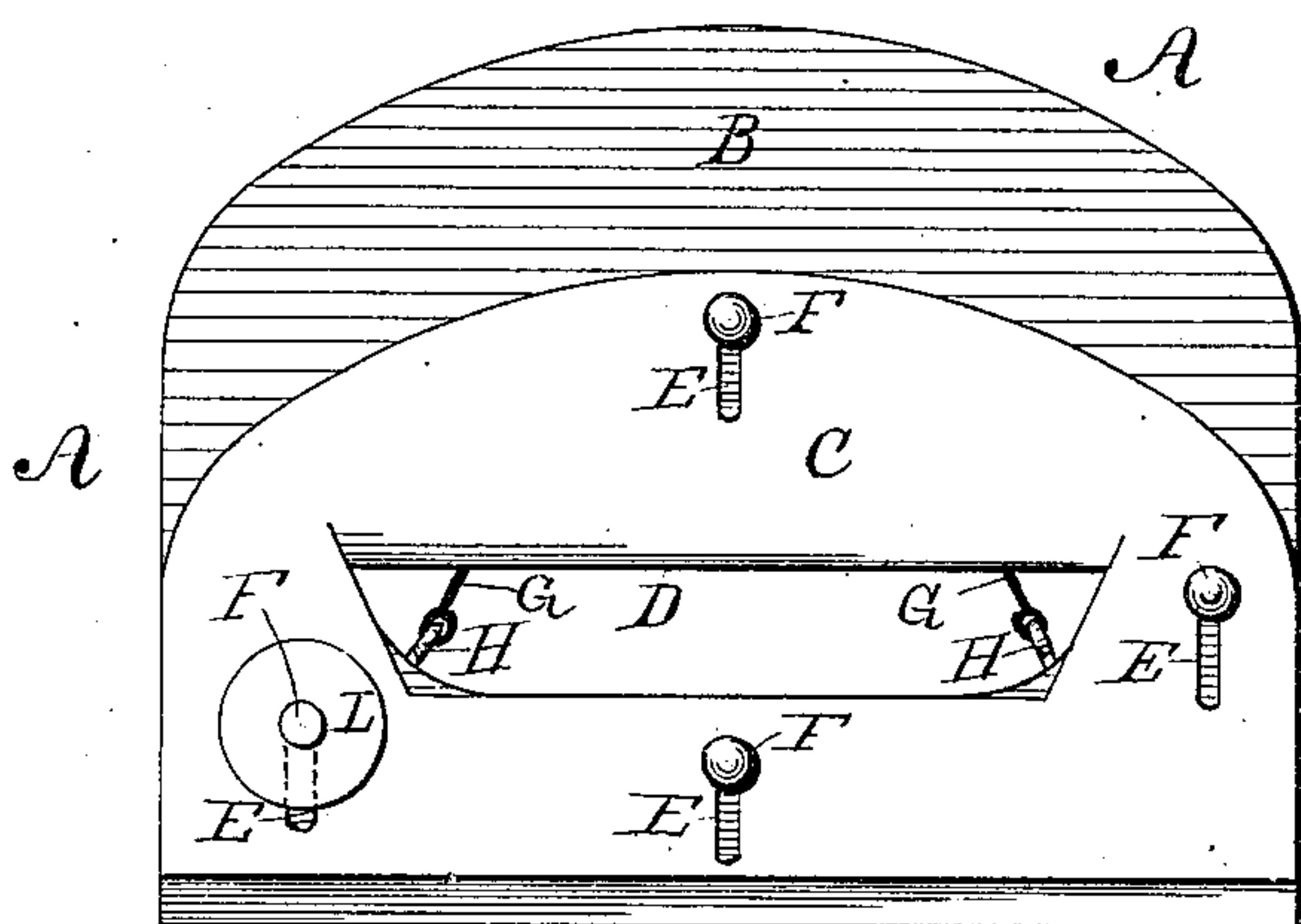
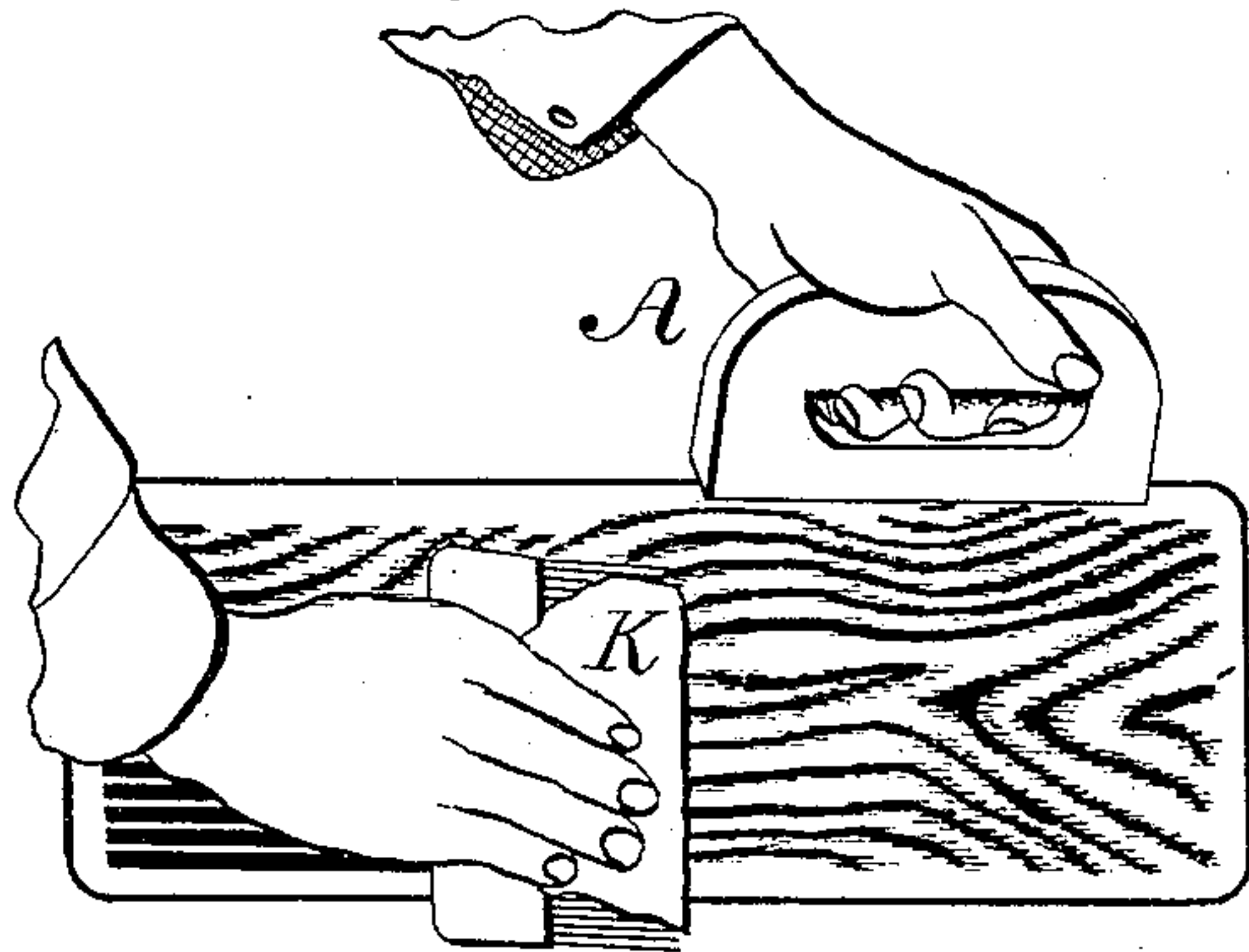


fig. 3.



WITNESSES:

H. B. Brown

A. G. Lyne.

INVENTOR:

John J. Callow
BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN JAMES CALLOW, OF CLEVELAND, OHIO.

STENCIL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 313,470, dated March 10, 1885.

Application filed September 27, 1883. (Model.)

To all whom it may concern:

Be it known that I, JOHN J. CALLOW, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Device for Holding Stencil-Plates during the Operation of Graining therewith, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification, in which—

Figure 1 is a side elevation of the stencil-plate holder; Fig. 2, a similar view showing the opposite side of the holder, and Fig. 3 a view showing the manner of using the holder.

In graining with stencil-plates it is customary to hold the plate in position by pressing the hand upon it, and, after a certain portion of a panel or other surface has been grained, to lift and move the plate to another position and repeat the operation. This manner of manipulating the stencil-plate is not only inconvenient, but only one pattern can be produced from a single plate, where the plate must be held in one position during the operation of graining. I have therefore devised a holder by which the stencil-plate may be firmly held in any given position or moved from one position to another with convenience, and by which a variety of patterns may be produced from a single stencil-plate by moving the latter in the manner hereinafter described during the operation of graining.

Referring to the drawings, A indicates a piece of wood about one-half inch in thickness, having its central part cut out to form a handle, B. To one side of this piece A is attached a metal plate, C, which also has its central part cut out and bent through the opening of the piece A to form a curved guard, D, for the fingers of the hand grasping the handle B. The plate C is attached to the piece A by means of slots E in the plate and guide-pins F, set in the piece A and engaging the slots. In the concave portion of the guard D is arranged an elastic band, or, preferably, a spiral spring, G, the ends of which are attached to the lower part of the piece A by screw-eyes H. The lower edge of the plate C is bent to form a lip or flange, I, which overlaps the lower edge of the piece A to form a mouth for grasping and holding one edge of a stencil-plate, J. This lip and the lower edge of piece

A may be set at any desired angle with the plane of the plate C. It is preferably set at such an angle that the handle B shall incline outwardly from the edge of the stencil-plate to give sufficient room for the movement of the hand with which the graining is done.

Where a large flexible stencil-plate is used, it is obvious that the bite of the holder should be made longer than herein shown, so as to grasp all or nearly all of one edge of the plate, to keep it from bending unnecessarily. This object may obviously be effected, also, by using in connection with the holder a detachable stiffener for the plate, consisting of a strip of sheet metal folded over the edge of the plate, similar in character to that shown in my Patent No. 280,446, dated July 3, 1883.

By placing one edge of a stencil-plate in the space between the lip I and the lower edge of the piece A, and pressing the guard D toward the handle B against the tension of spring G, the plate may be firmly held and conveniently taken up when desired. By thus holding the plate and sliding or moving it along any surface to be grained, and at the same time moving the graining device K in the same or opposite direction over the stencil, but at a different rate of speed, a different result will be produced in the graining from that of the pattern of the said plate, and this different result may be varied according to the relative speeds of the plate and graining device. I prefer to move the graining device K faster than the plate, both being drawn toward or pushed from the operator. By rocking, drawing back, waving, or otherwise agitating the stencil-plate during the operation of graining, a still greater variety of changes in the pattern of the plate may be produced, so that one or two plates will suffice to produce as many novel and ornamental designs as are now produced only by a corresponding number of plates.

To facilitate the moving of the plate during such operation it is provided with a single roller, L, which is journaled on one of the pins F, and is so arranged that it will bear upon a panel when the plate is placed thereon by the holder. The roller lessens the frictional contact and gives an easy motion to the device. Two rollers may be used, if desired; but one placed at the forward end of the

holder, as shown in the drawings, will suffice, and in fact is all that is needed, as the hand supports the holder and plate.

By means of the holder a stencil-plate of 5 thin or flexible material may be used, and ties for strengthening such plates may be dispensed with. Stencil-plates may thus be cheaply made of paper, cloth, parchment, or other cheap flexible material; but I prefer 10 thin sheet metal for durability and for finely-cut patterns.

The method of graining above set forth is not claimed in this application, being made the subject of a separate application for patent 15 by me filed April 25, 1884, Serial No. 129,302.

What I claim is—

1. A holder for a graining stencil-plate, consisting of a handle-piece having a clamping

lip or flange for seizing one edge of the plate 20 only and holding the plate out bodily thereby, substantially as shown and described.

2. The combination of the handle-piece, the metal plate having a finger guard and lip, and attached to the handle-piece by a sliding con- 25 nection, and a spring for holding the lip out of contact with the handle-piece, substantially as shown and described.

3. The combination of the handle-piece, the sliding clamping-plate, the spring, and the 30 roller, all arranged and adapted to operate in the manner herein specified, and for the purpose set forth.

JOHN JAMES CALLOW.

Witnesses:

JNO. T. SULLIVAN,
J. JNO. D. JENKINS.