

(No Model.)

F. DAVIS.
MOP HOLDER.

No. 257,294.

Patented May 2, 1882.

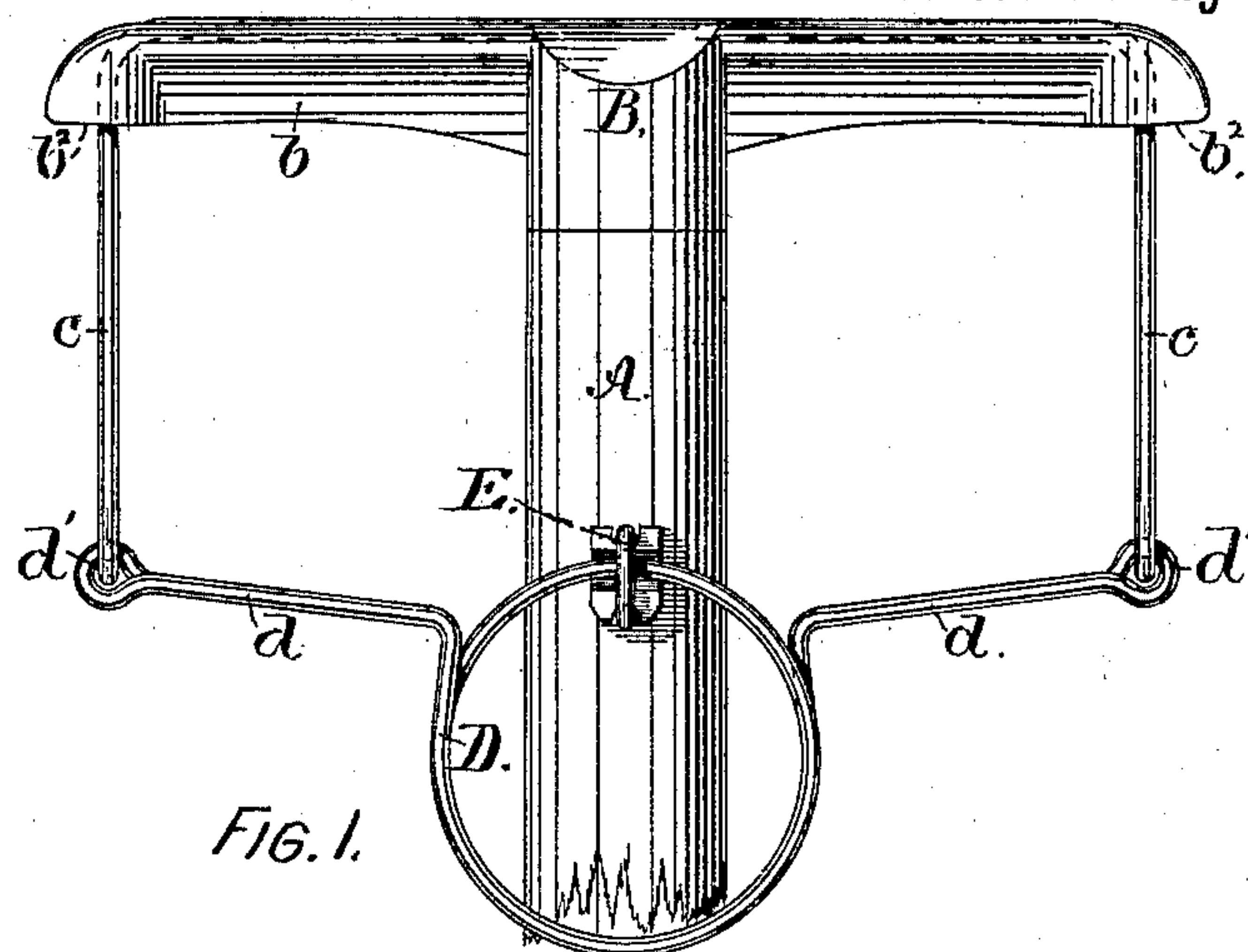


FIG. 1.

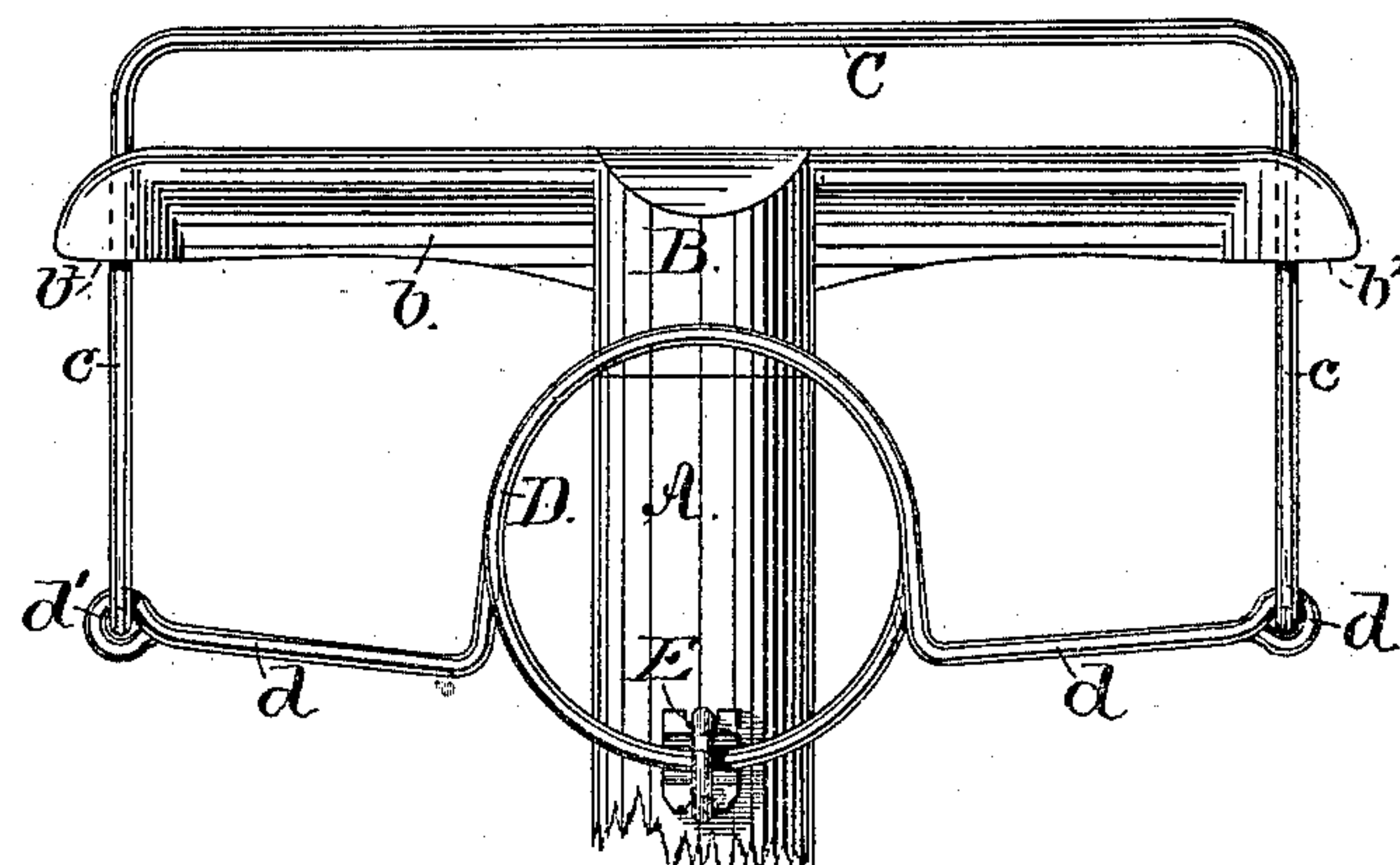


FIG. 2.

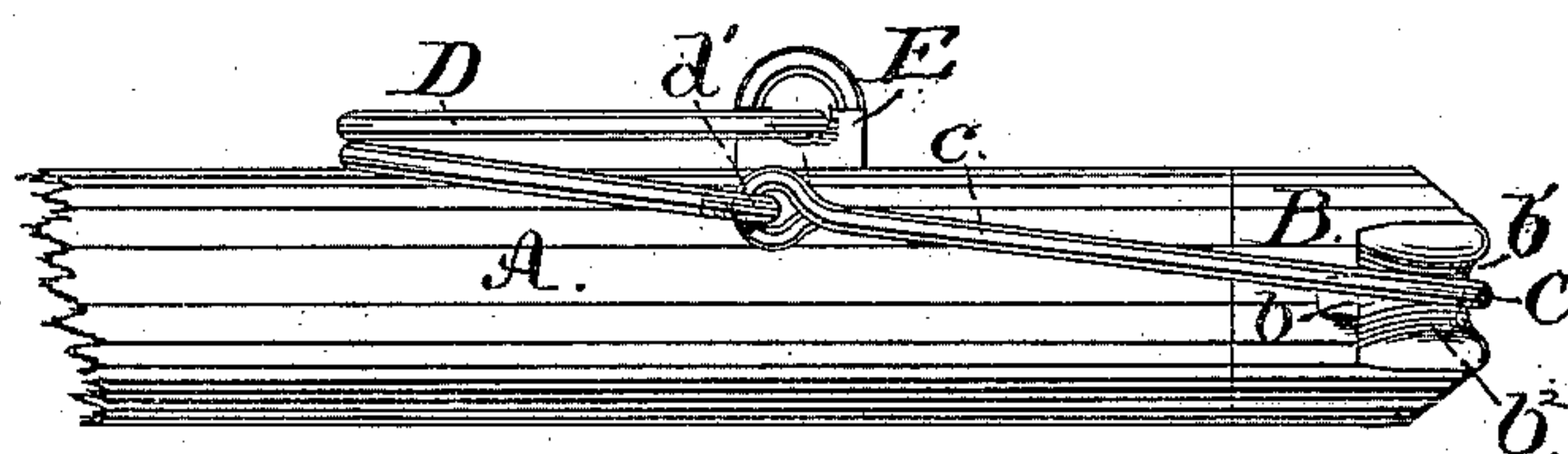


FIG. 3.

Witnesses.

C. J. Mattison.

C. S. Winne.

Inventor.

FRANK DAVIS.

by William H. Low,

Attorney.

UNITED STATES PATENT OFFICE.

FRANK DAVIS, OF NORTH ADAMS, MASSACHUSETTS.

MOP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 257,294, dated May 2, 1882.

Application filed January 30, 1882. (No model.)

To all whom it may concern :

Be it known that I, FRANK DAVIS, of North Adams, in the county of Berkshire and State of Massachusetts, have invented certain new and useful Improvements in Mop-Holders, of which the following is a full and exact description, reference being had to the accompanying drawings, making part of this specification, and in which—

Figure 1 is a front elevation of my device with the mop-holding bar drawn up in place to hold the mopping-cloth; Fig. 2, the same with the bar thrown down to release the mopping-cloth, and Fig. 3 a side elevation of Fig. 1.

My invention relates to improvements in mop-holding devices; and it consists in combining with a handle provided with a T-shaped head-piece a fastening device composed of a loop whose cross-bar is adapted to enter into a groove formed in the head-piece, and whose side bars are connected to the laterally-projecting arms of a coiled spring, the latter being hinged to the handle of the mop-holder, and so arranged that when the coil is turned in one direction against the handle the cross-bar of the loop will be drawn up toward the groove in the head-piece to hold the mopping-cloth securely in place; but when the coil is turned in the reverse direction the cross-bar of the loop will be moved away from the head to release the mopping cloth.

As illustrated in the drawings, A indicates the wooden handle of the mop-holder, the upper portion being broken away for the purpose of showing the essential parts of my invention on an enlarged scale; B, a metallic T-shaped head-piece secured to the lower end of the handle A, and having a cross-bar, *b*, that is provided with a longitudinal groove, *b'*, in its under face, and with a notch, *b²*, in each of its ends; C, a loop made of brass or galvanized

wire or other non-oxidizable metal, whose cross-bar is adapted to enter the groove *b* in the head-piece, and whose side bars, *c*, engage in the notches *b²*, so as to retain the said loop in its required position; D, a coiled spring, preferably made of spring wire or other suitable material in a circular form, as shown in the drawings, and with two laterally-projecting arms, *d*, which extend out sidewise far enough to receive the side bars, *c*, of the loop, to which the arms *d* are connected, as at *d'*, by a flexible joint. The coiled spring C is hinge-jointed at its lower side to the handle A by means of a grooved piece and staple, E, or in any other suitable manner, so that the coiled spring may be turned either toward or from the head-piece B. The arms *d* extend out sidewise from the coiled spring D on a line which, if produced across the circle of the coil, will lie from the hinge-joint at E at a distance that is equal to one-half of the required movement of the loop C.

The operation of my device is as follows: The coil D being turned down, as shown in Fig. 2, to project the cross-bar of the loop C far enough below the cross-bar of the head-piece B, the mopping-cloth is inserted in the open space between the aforesaid two cross-bars. Then by turning the coil D upward the loop C is drawn up so as to clamp the cloth securely to the head-piece.

I claim as my invention—

In a mop-holder, the combination, with a cross-piece B, of the loop C and coiled spring D, provided with laterally-projecting arms *d*, flexibly connected to the loop C, all constructed and arranged to operate as herein specified.

FRANK DAVIS.

Witnesses:

S. W. INGALLS,
A. D. CADY.