

No. 683,155.

Patented Sept. 24, 1901.

G. H. THOMPSON.
SADDLER'S CLAMP.

(Application filed Jan. 28, 1901.)

(No Model.)

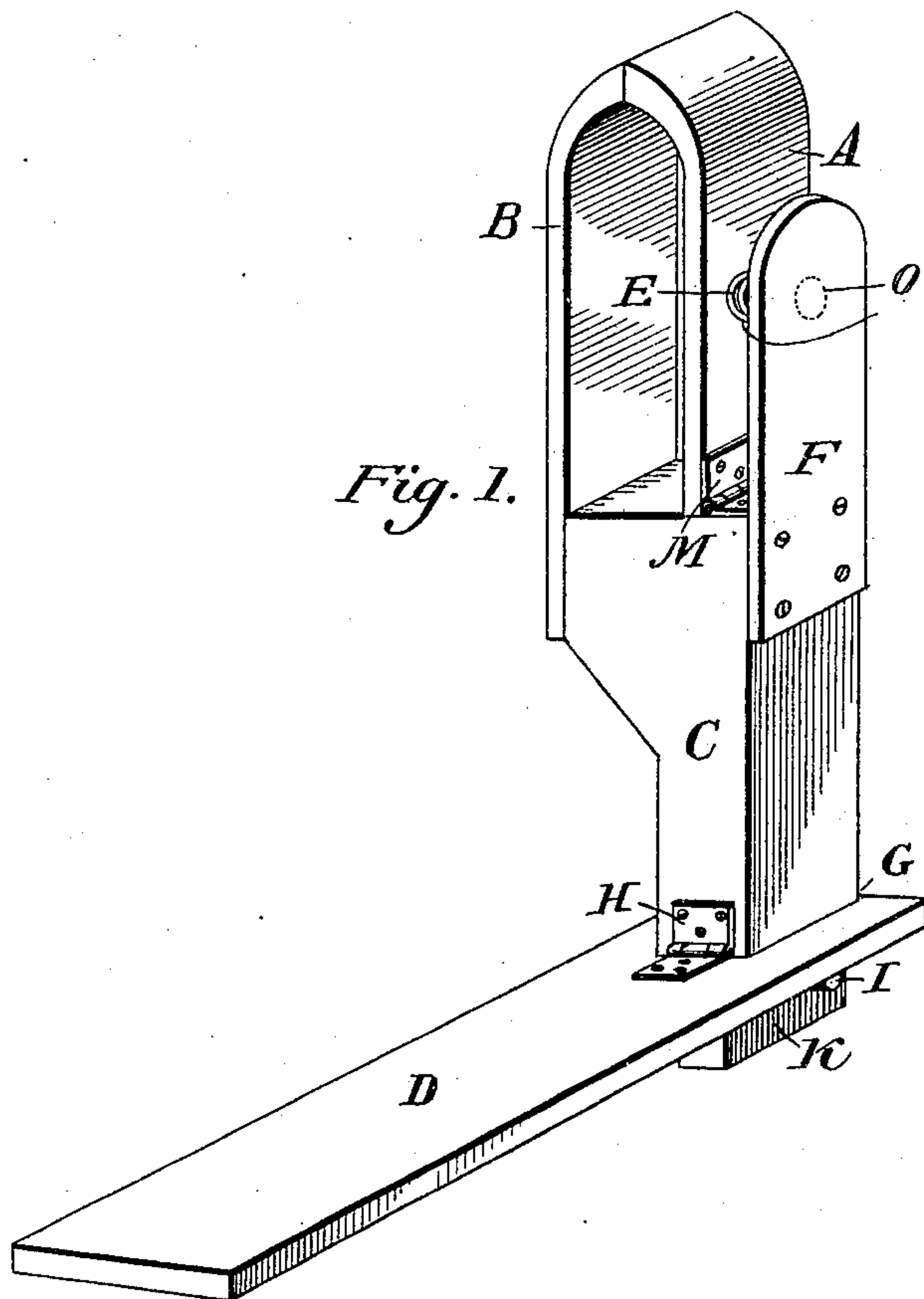
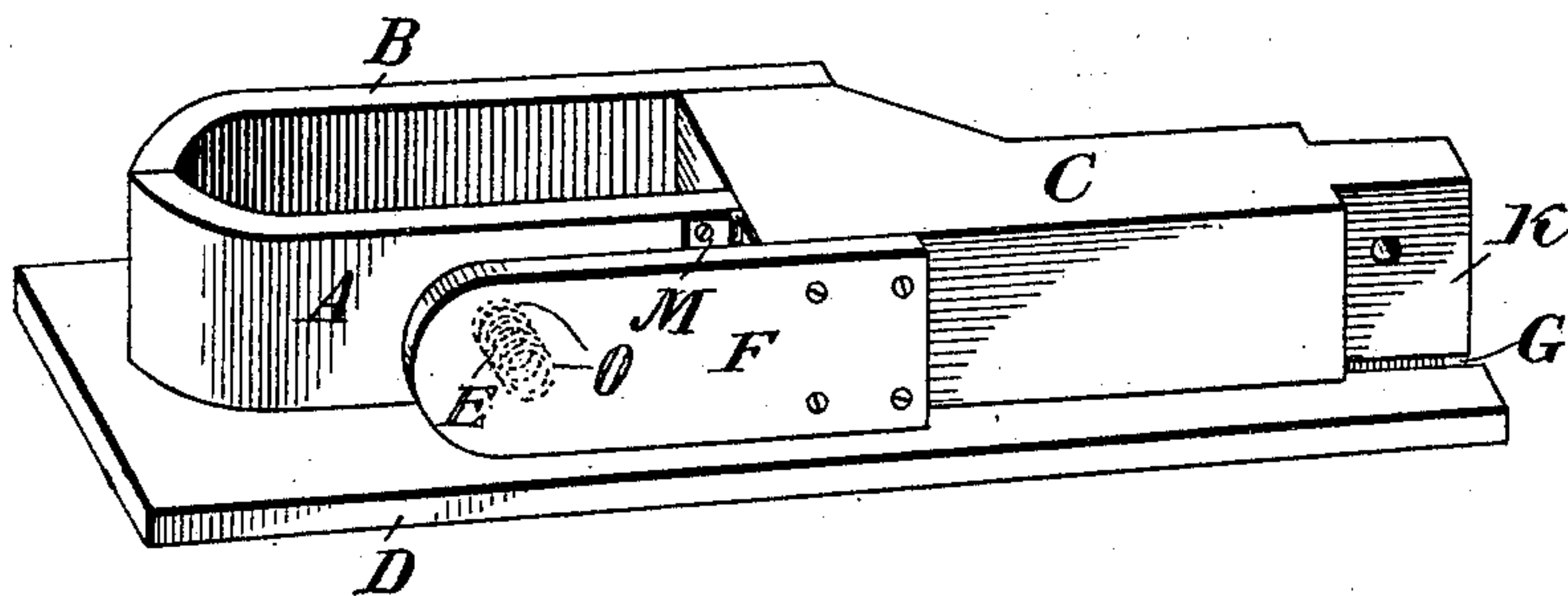


Fig. 2.



Witnesses:
Harry C. Binger
Grant Lingenfelter

Inventor:
Geo. H. Thompson

UNITED STATES PATENT OFFICE.

GEORGE H. THOMPSON, OF EAST FREEDOM, PENNSYLVANIA.

SADDLER'S CLAMP.

SPECIFICATION forming part of Letters Patent No. 683,155, dated September 24, 1901.

Application filed January 28, 1901. Serial No. 44,986. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. THOMPSON, a citizen of the United States, residing at East Freedom, in the county of Blair and State of Pennsylvania, have invented a new and useful Improvement in Saddlers' Clamps, of which the following is a specification, reference being made to the drawings hereto annexed.

10 The object of my invention is to devise a more convenient means for operating the jaws of such clamps and to form, in connection with mechanism for operating and supporting the jaws, a bench or seat for the operator, which can be used with a common kitchen chair or bench, thereby supplying the place of the saddler's horse heretofore in common use, an instrument much more expensive than the devices I employ to effect the same results.

25 Figure 1 of the drawings presents a side view of the entire instrument as it appears when in use, with the jaws A and B, stem C, seat D, spring E, and the spring-supporting standard F. The jaw B is rigidly fixed to one side of the stem C by means of nails or screws at its lower end. The jaw A is movable, being hinged at its lower end to the stem C by means of the hinge M, but free to open and close against the jaw B at its upper end. The jaws are held together by means of the compression-spring E, which is held in position by its ends resting in sockets

O O in jaw A and the standard F. By pressing jaw A toward the standard F with the hand the jaws are parted to admit the object to be held, and when the pressure is removed the force of the spring operating to close the jaws holds the object tightly between them. The lower end of the stem C is tenoned to fit to a slot G in the seat D, and the seat and stem are united by the hinge H, which permits the instrument to be folded, as illustrated in Fig. 2 of the drawings, a convenient form to be in for shipping or when not being used, as it occupies much less space when folded. When the stem C is in an upright position, Fig. 1, it is held more steadily in this position by a pin I passing through the tenon K close to the under side of the seat D.

What I claim is—

In a foldable saddler's clamp, the combination, with the seat D, having an opening therein, of the stem C hinged to said seat and having its lower end reduced and passed through such opening, the jaws A and B carried by said stem, the jaw A being hinged thereto; the standard F spaced apart from and parallel with the jaw A, and the spring E between the standard and the jaw A, as set forth.

GEORGE H. THOMPSON.

Attest:

JNO. K. SHOENFELT,
GEO. A. BIESECKER.