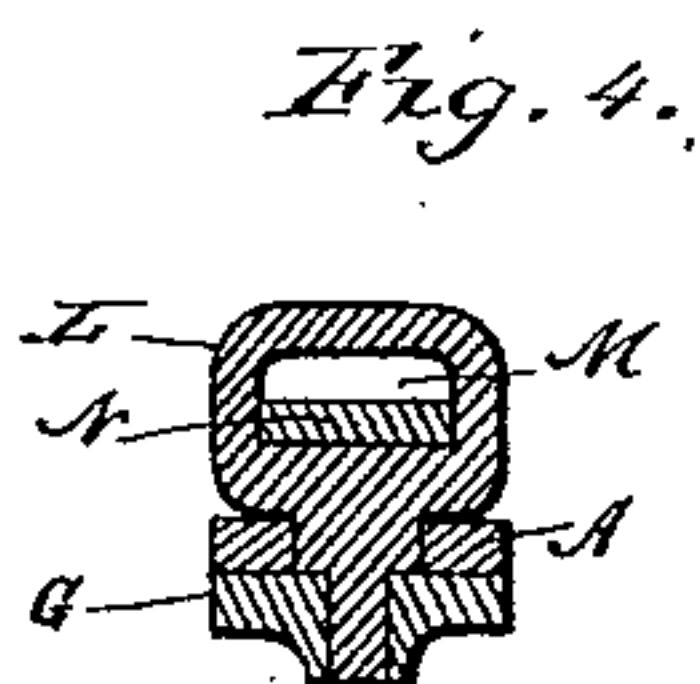
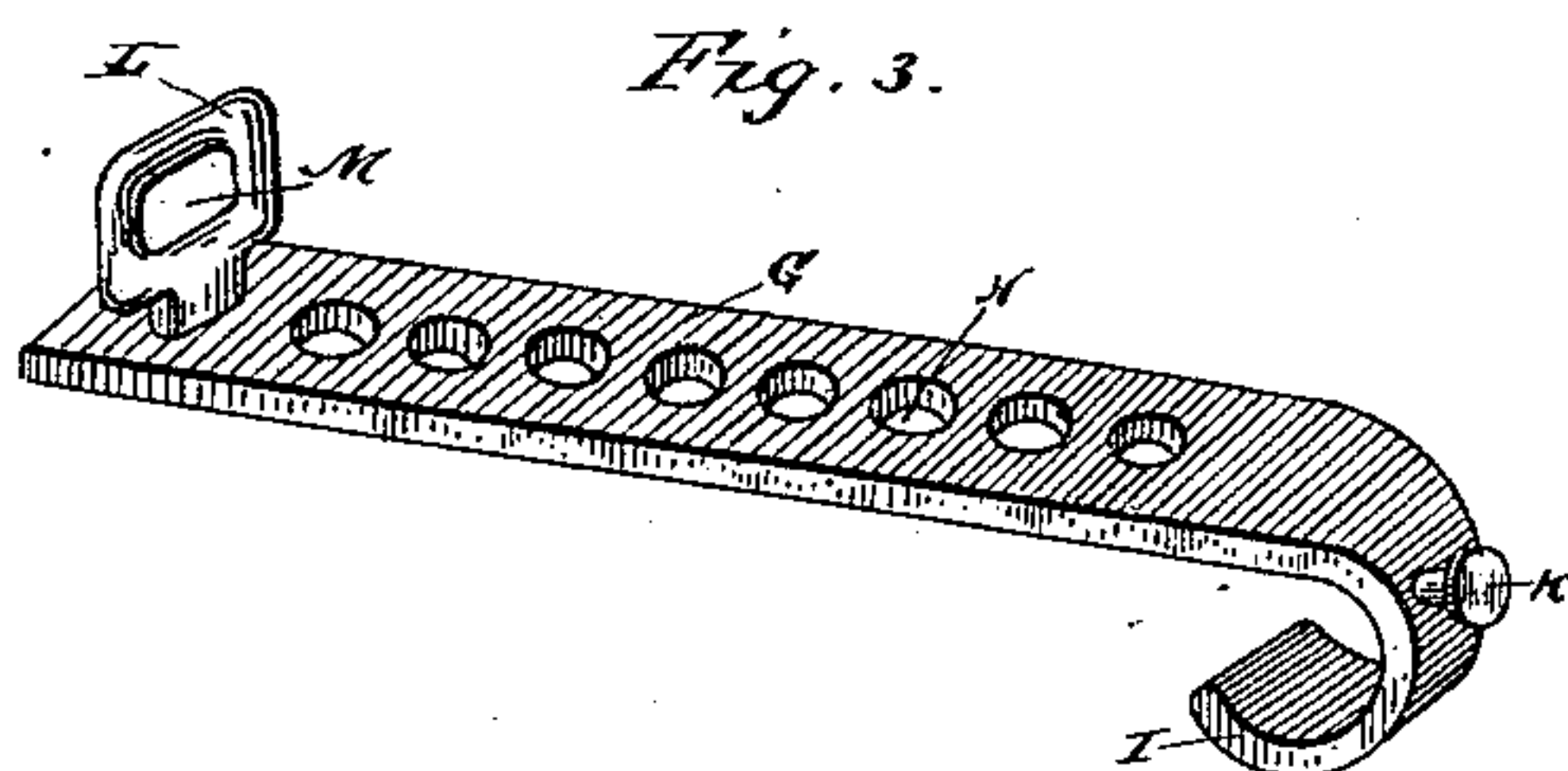
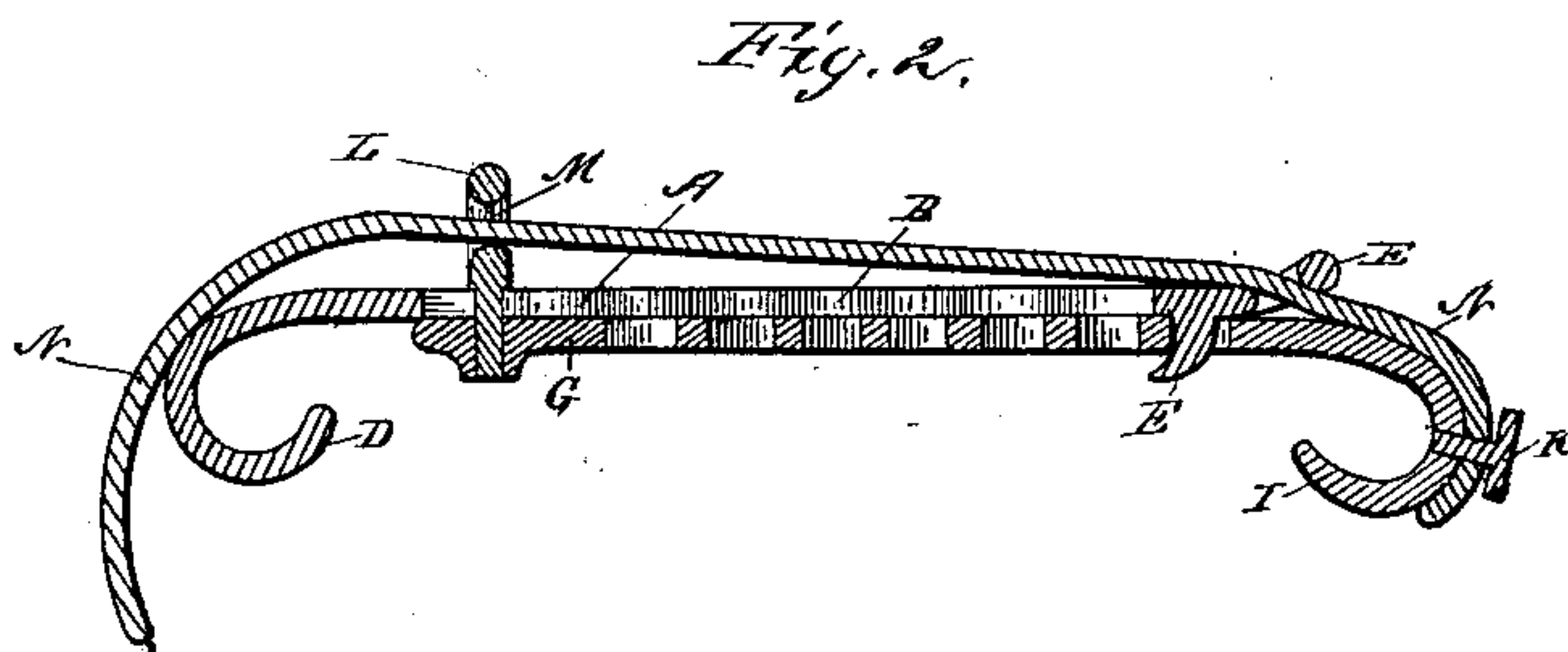
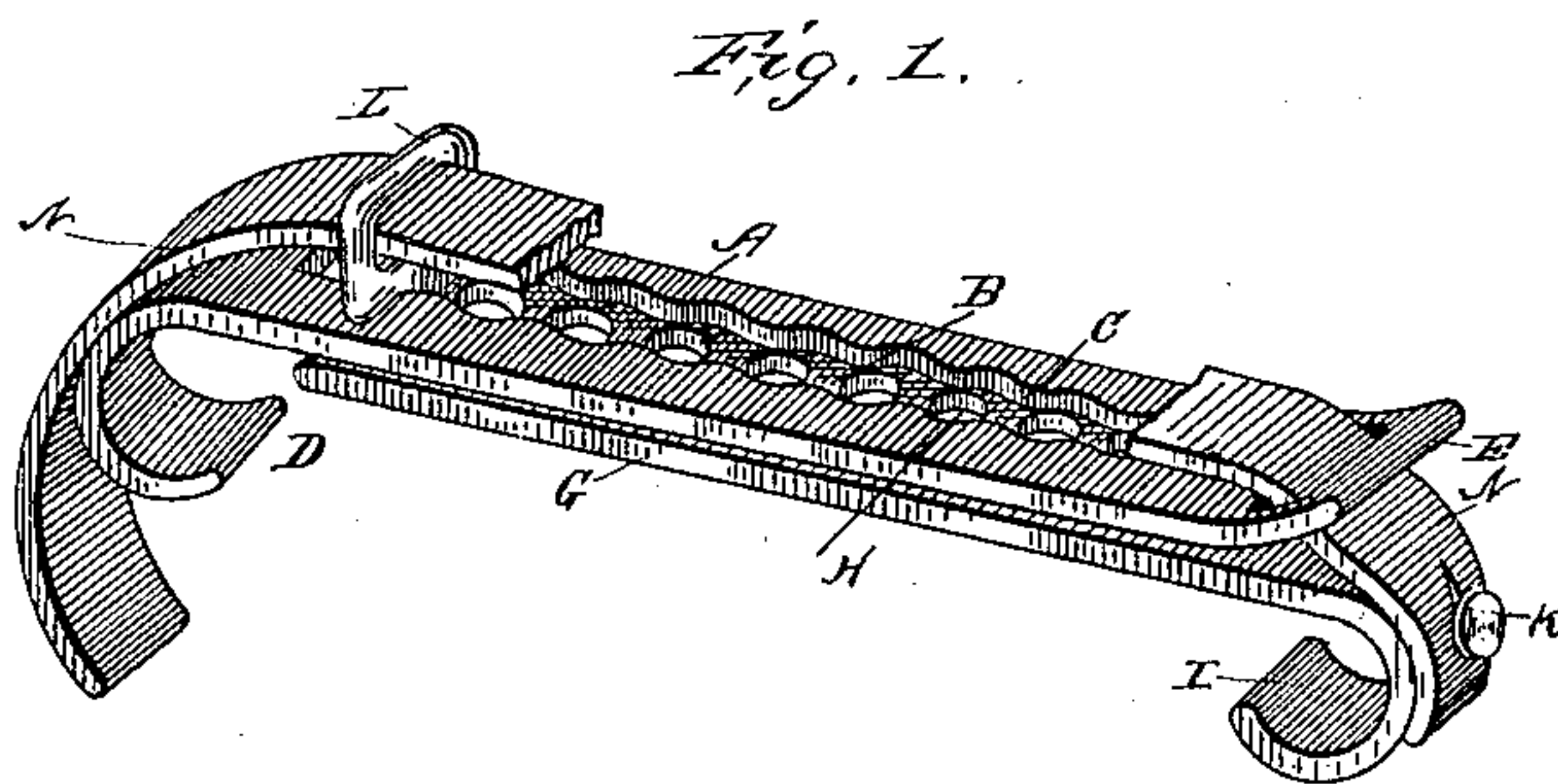


(No Model.)

J. H. HILL.
HAME FASTENER.

No. 336,111.

Patented Feb. 16, 1886.



WITNESSES
Charles Davis:
J. J. McCarthy.

INVENTOR
Justin H. Hill.
By C. M. Alexander
Attorney

UNITED STATES PATENT OFFICE.

JUSTIN H. HILL, OF CHICAGO, ILLINOIS.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 336,111, dated February 16, 1886.

Application filed January 8, 1885. Serial No. 152,311. (No model.)

To all whom it may concern:

Be it known that I, JUSTIN H. HILL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hame-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in hame-fasteners; and is designed to produce a fastener adjustable as to length, and also one that will firmly hold the hame-strap but offer no resistance to the rapid and easy disengagement of the same when desired.

In describing the device reference is had to the annexed drawings, in which Figure 1 represents a perspective view of the device; Fig. 2, a longitudinal section; Fig. 3, a perspective view of the perforated bottom plate, and Fig. 4 a cross-section through the turn or swivel button.

A designates a plate provided with a longitudinal slot, B, having side corrugations, C. The plate is further provided with a curved continuation or hook, D, at one end, and a curved hook or lug, E, and a curved slotted continuation, F,

G designates a plate having perforations H coincident with the slot B in the other plate. It is provided at one end with a hook, I, similar to the one D. On the surface of said hook I is a button, K. At the other end of the plate G is a locking swivel-button, L, provided with a slot, M, in its head. The slot M and the slot in the part F may be provided with anti-friction bearings, if so desired. The lug E enters one of the perforations H, and the swivel-button L passes through the slot B and is turned so that its shoulders engage over the parts of the plate A on each side of said slot. The shank of the button L will also engage in the corrugations on the sides of the slot B. A strap, N, is slit at one end, so as to pass over the button K, and is then passed through the slot in the part F and through the slot M, thus preventing the button L from turning. The hooks D and I respectively engage in the ends of the two parts of the hame.

When the device is hooked to the hames, it is necessarily somewhat elongated, but may be contracted by pulling back on the strap after it has been passed through the slotted end F, which operation will cause one plate to

slide on the other. When the hames are sufficiently tightened, the strap is released and the lug E enters one of the perforations, thus locking the plates. The swivel-button is then turned and the strap passed through the slot M, as stated. The device may be loosened by disengaging the strap with the button and pulling on it to lift the lug from the perforations. A motion of the finger or thumb will throw the plate forward and loosen the hames.

What I claim is—

1. In a hame-fastener, a slotted plate provided with a lug near one end, in combination with a perforated plate carrying a swivel-button near one end, said plates having means for attaching them to the hames, substantially as and for the purpose specified.

2. In a hame-fastener, a plate having a slot with corrugated sides and provided with a lug at one end, in combination with a perforated plate carrying a swivel-button near one end, said plates having means for attaching them to the hames, substantially as and for the purpose specified.

3. A hame-fastener consisting of a slotted plate with a hook at one end and a lug and slotted curved continuation at the other, and a plate provided with perforations, said plate having at one end a hook carrying a permanent button, and at the other a swivel-button with a slotted head, and a strap secured over the permanent button and extending through the slotted continuation and the slotted button, substantially as and for the purpose specified.

4. An improved hame-fastener consisting of a longitudinally-slotted top plate having a short transverse slot at one end, a hook for its attachment to one of the hames at the other end, and a hook on its under side, in combination with a perforated bottom plate having a hook for its attachment to the other hame, a strap fastened to the hooked end of the bottom plate, and a swiveled button having a slotted head for the reception of the free end of the strap, the whole constructed and combined substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JUSTIN H. HILL.

Witnesses:

WILLIAM G. WITHERELL,
F. W. STORY.