

(No Model.)

A. TRACY.

SHUTTLE CARRIER FOR SEWING MACHINES.

No. 270,617.

Patented Jan. 16, 1883.

Fig. 1.

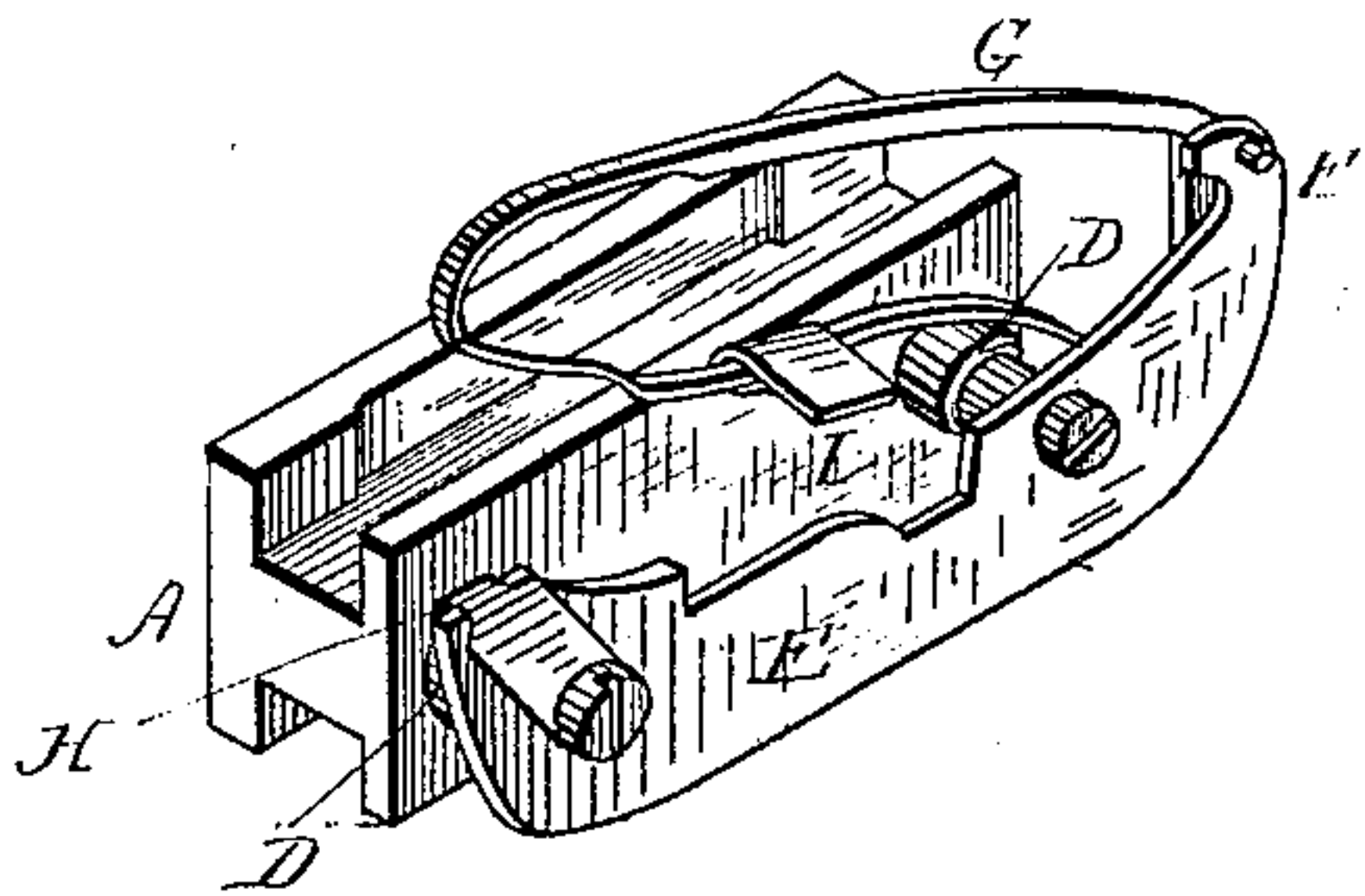


Fig. 2.

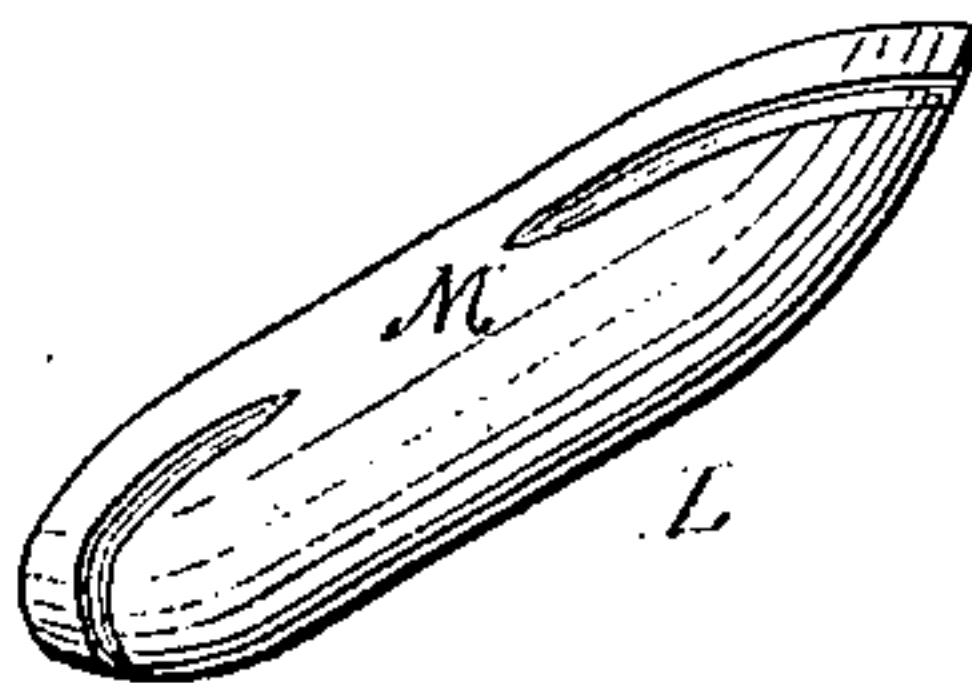


Fig. 4.

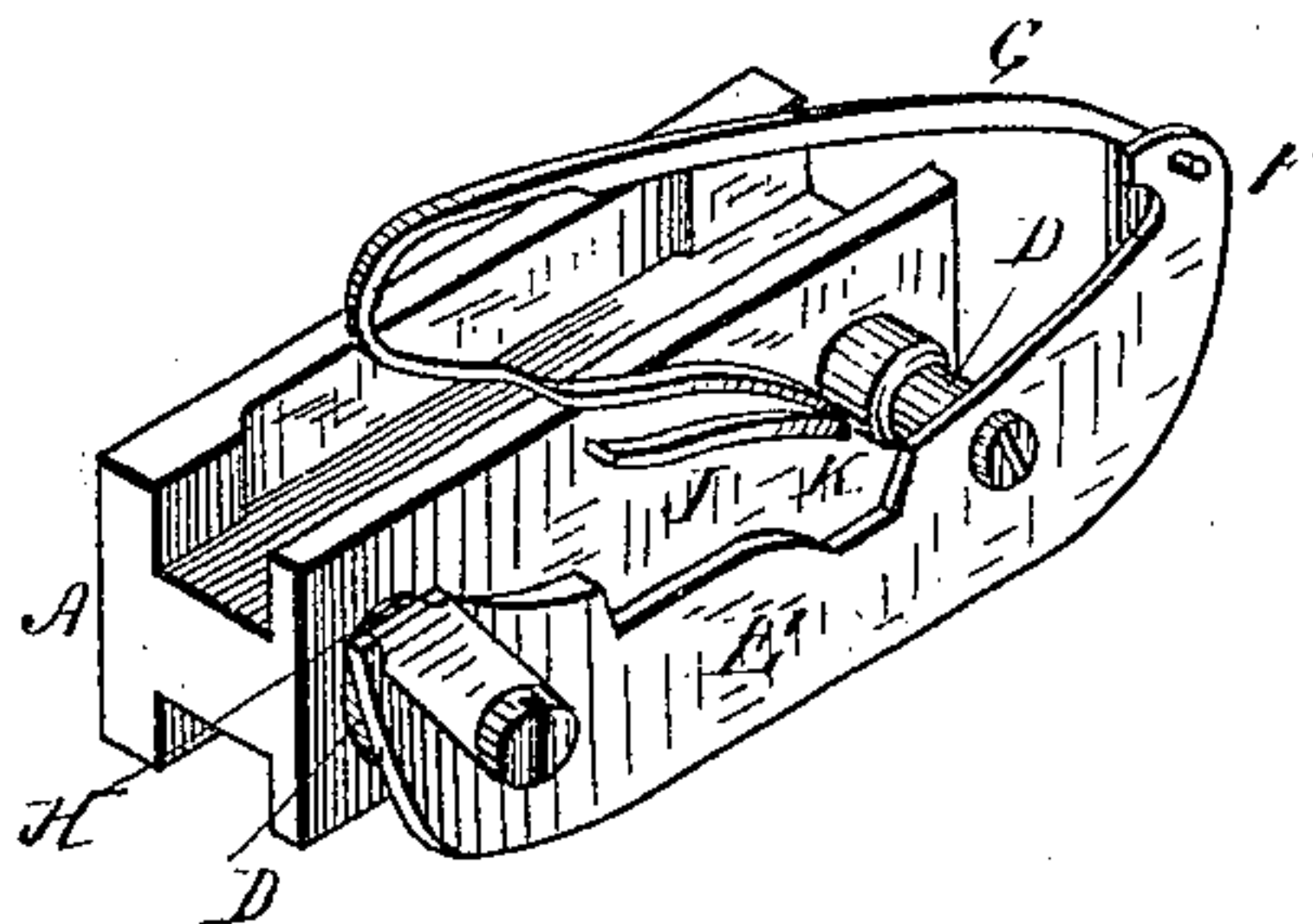


Fig. 3.

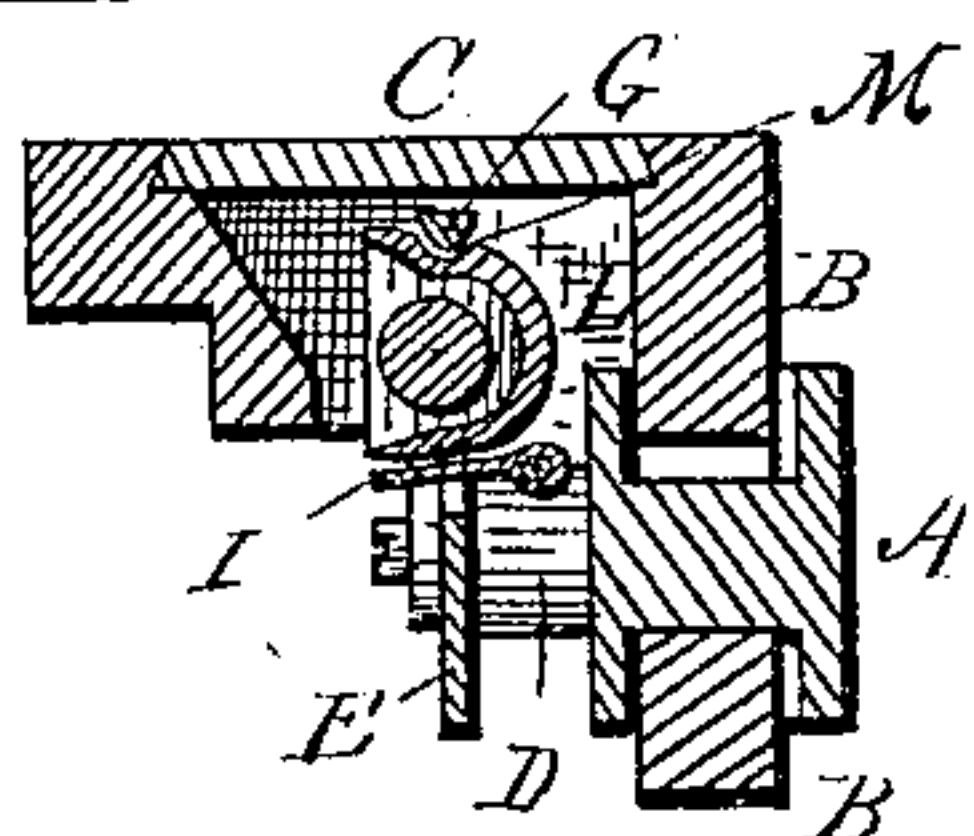
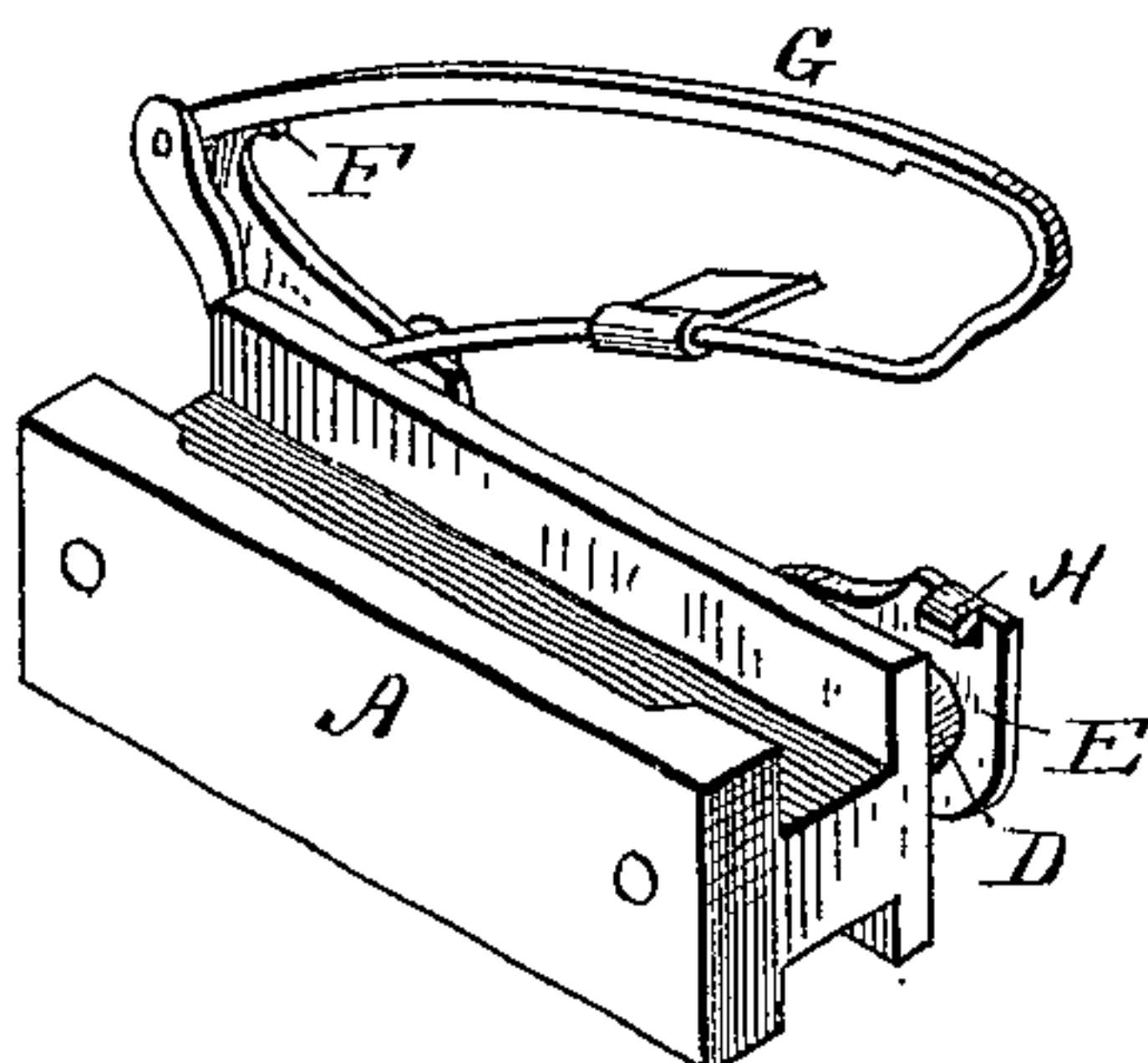


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

ANDREW TRACY, OF RICHLAND, IOWA.

SHUTTLE-CARRIER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 270,617, dated January 16, 1883.

Application filed September 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, ANDREW TRACY, of Richland, in the county of Keokuk and State of Iowa, have invented certain new and useful
5 Improvements in Shuttle-Carriers for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to
10 make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view of my improved shuttle-carrier. Fig. 2 is a perspective view of
15 the shuttle. Fig. 3 is a transverse sectional view, showing the carrier and shuttle in position for operation. Fig. 4 is a perspective view, showing a modification; and Fig. 5 is a detailed view, illustrating the rear end of the shuttle-
20 holder and the catch H.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to the shuttle-carriers for sewing-machines; and it consists in certain
25 improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents the body of the shuttle-carrier, which is
30 H-shaped in cross-section, so as to slide between suitable guides, B, under the base-plate C of the machine.

The body A is provided with laterally-projecting studs D, carrying a plate, E, having at
35 its front end a projection or horn, F, to which is hinged the shuttle-holder, which consists of a spring, G, bent into U shape, as shown, so that its lower free end shall press upon the forward stud D. The plate E is provided near
40 its rear end with a beveled tooth or catch, H, to engage the spring-shuttle holder and keep the latter closed. The said holder is provided

near its free end with a plate, I, to support the shuttle. This plate may, however, be dispensed with, as in Fig. 4, by bending the free end of
45 the holder back or doubling it, as shown at J, and turning the doubled end downward, as at K, so as to bear upon the upper edge of plate E, instead of upon the forward stud D.

L is the shuttle, which is provided with
50 grooves M on both sides.

The operation of my invention will be readily understood. By pressing the spring-holder to one side it is released from the beveled tooth
55 or catch H, and the shuttle may then be readily removed or inserted. By pressing the spring-holder down it will engage and be held by the beveled tooth or catch H, and the shuttle, which is encircled by said spring-holder, will
60 then be clamped and held securely, the grooves M serving to receive the holder, the carrier, it will be observed, extends beyond the shuttle, thus obviating the necessity of a thread-guide.

I claim and desire to secure by Letters Pat-
65 ent of the United States—

1. The combination of the body A, having studs D, and plate E, having tooth or catch H, with the bent or U-shaped spring-holder G,
70 hinged to said plate E, as set forth.

2. The combination of the carrier-body, the plate E, connected to said body by studs D, and having catch H, and the hinged U-shaped
75 spring shuttle-holder G, having its free end doubled at J and bent downward at K, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ANDREW TRACY.

Witnesses:

FRANK HAMPSON,
HARRY DAVIS.