

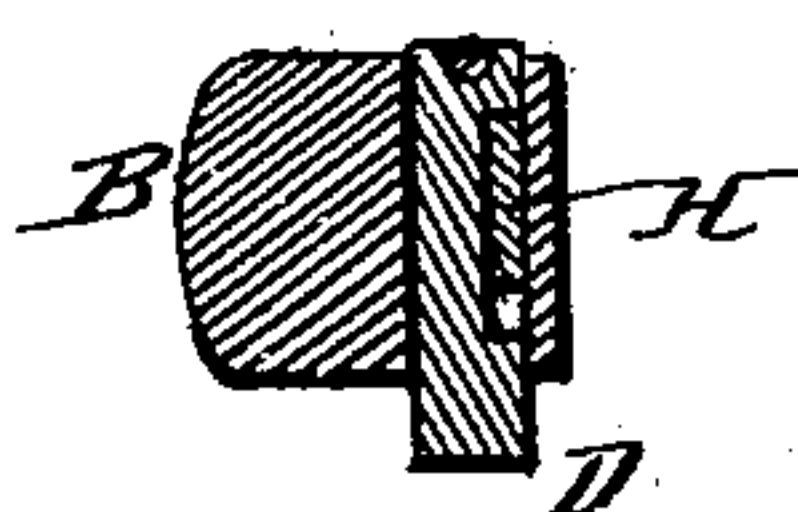
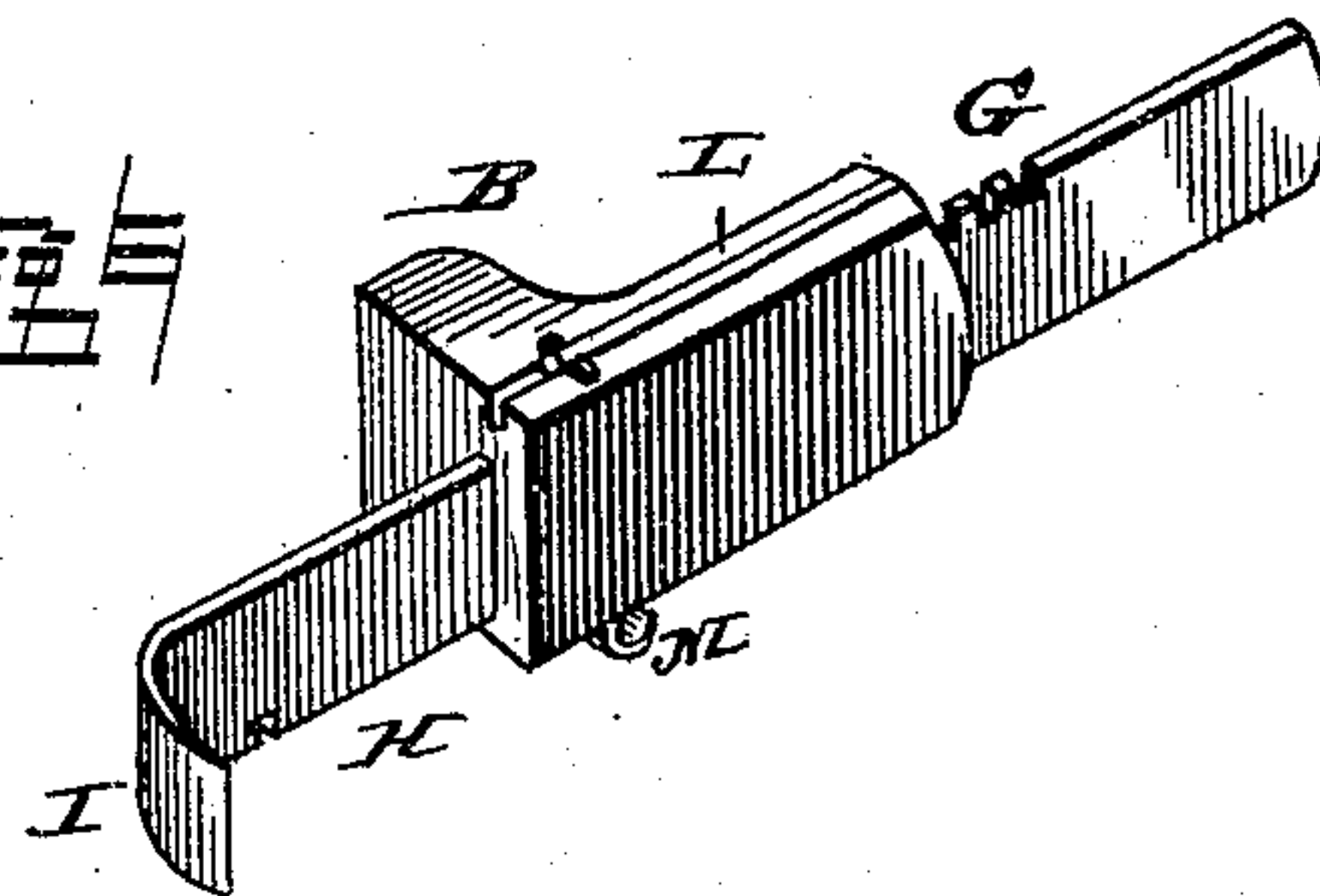
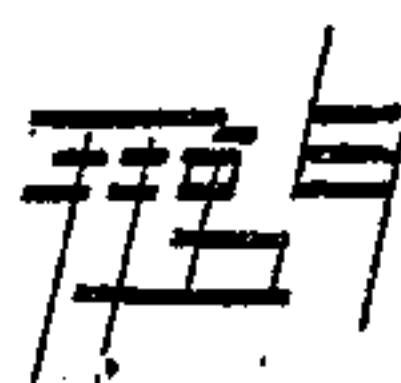
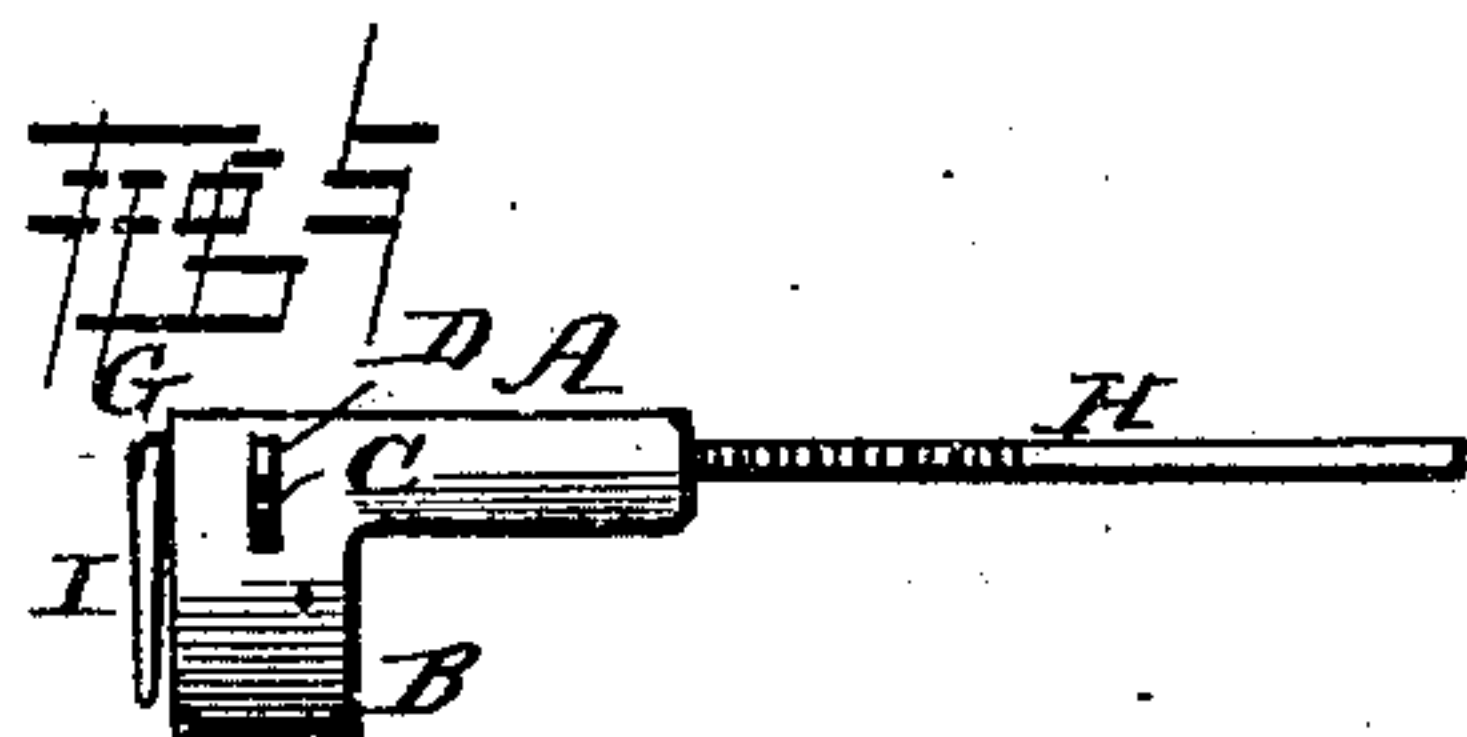
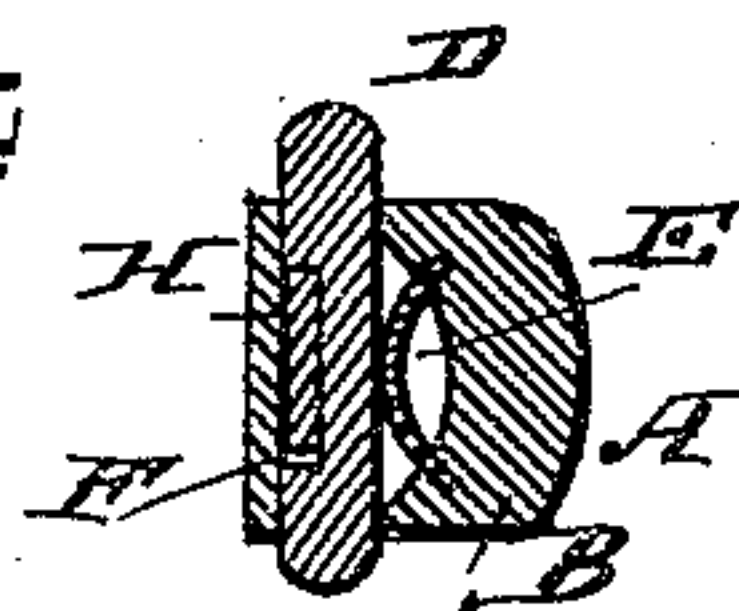
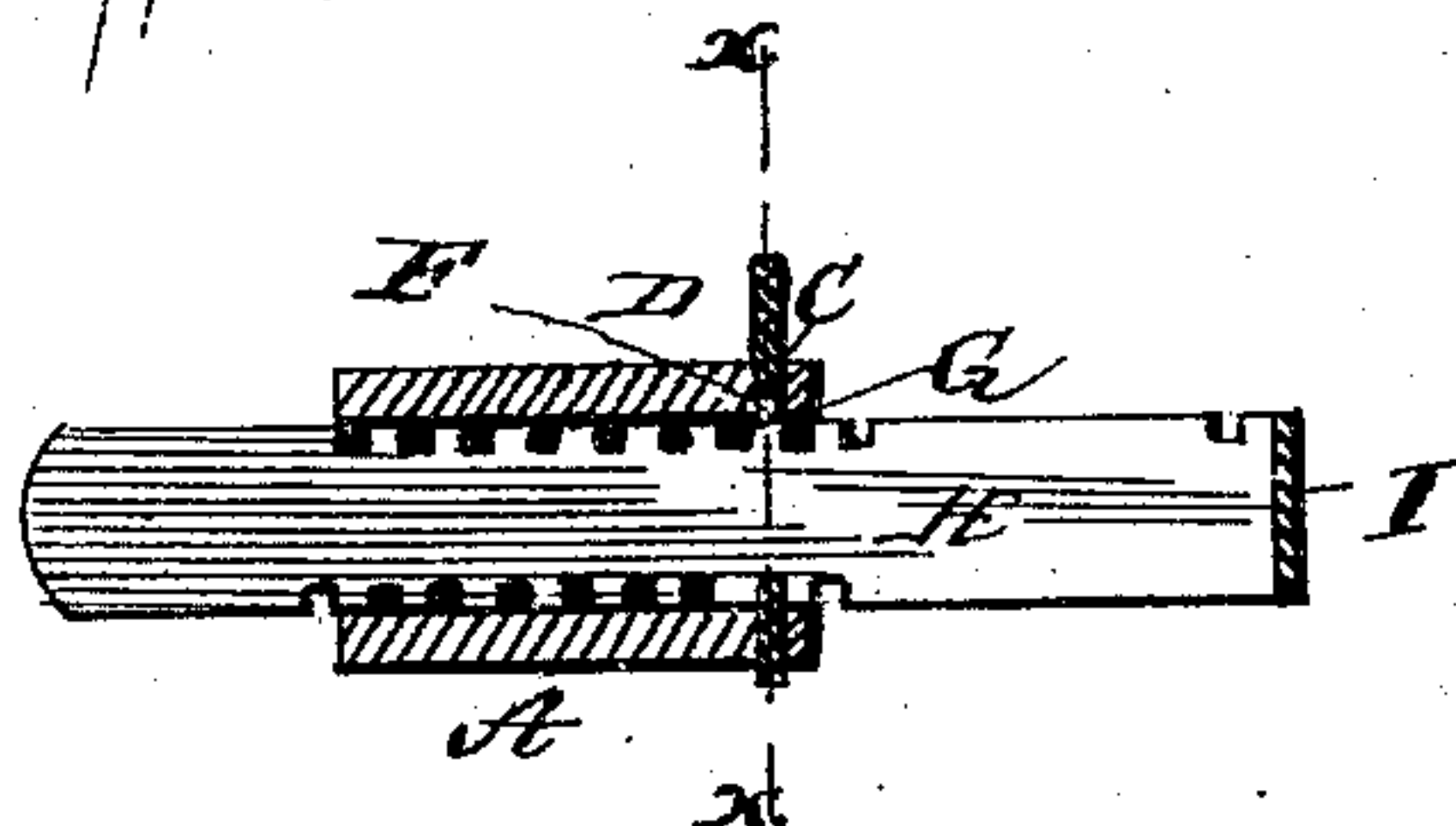
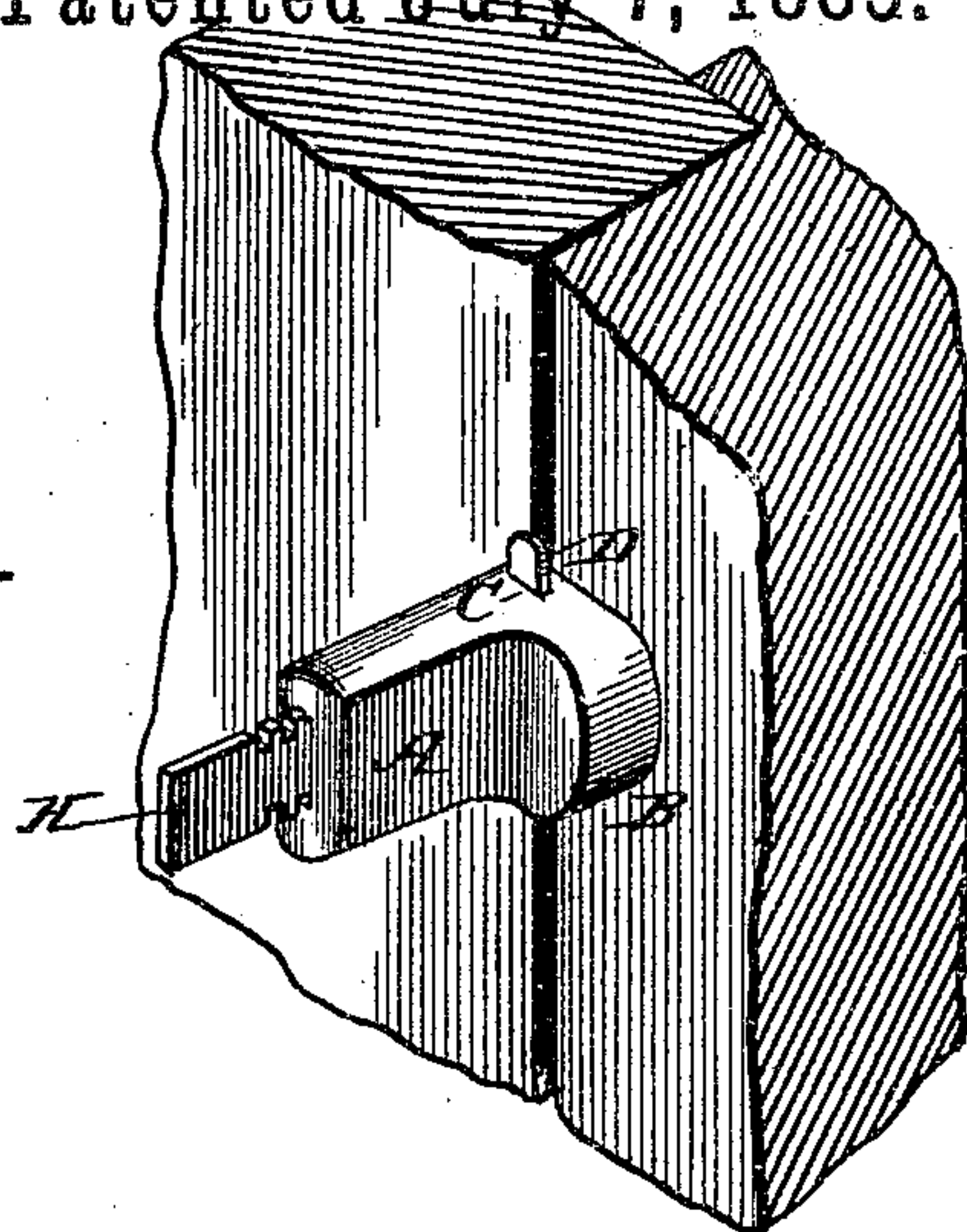
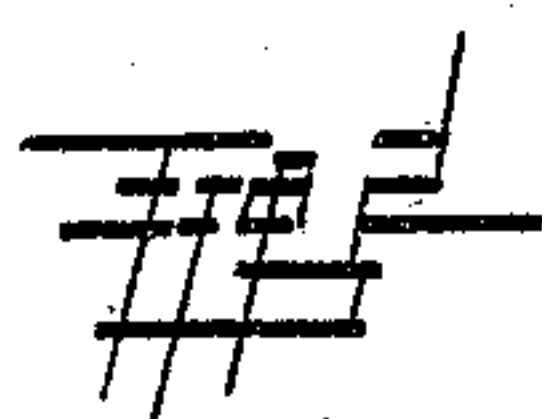
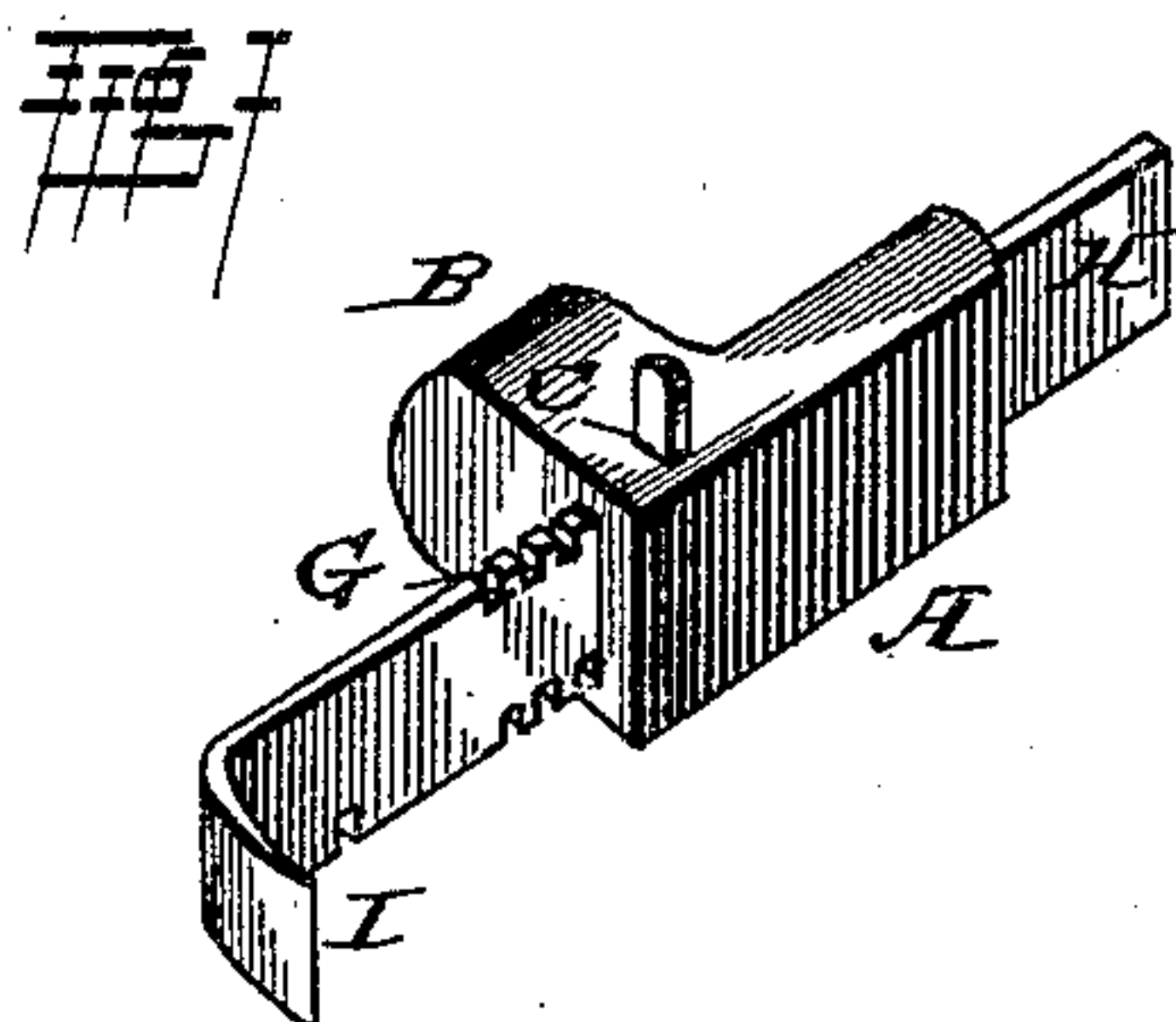
(No Model.)

F. R. WOODWARD.

DOOR SECURER.

No. 321,775.

Patented July 7, 1885.



WITNESSES:

Ad. S. Dietrich.
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INVENTOR,

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

FRANK R. WOODWARD, OF HILL, NEW HAMPSHIRE.

DOOR-SECURER.

SPECIFICATION forming part of Letters Patent No. 321,775, dated July 7, 1885.

Application filed September 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, FRANK R. WOODWARD, a citizen of the United States and a resident of Hill, in the county of Merrimac and State of New Hampshire, have invented certain new and useful Improvements in Door-Securers; 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 make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of one form of my improved door-securer. Fig. 2 is a perspective view showing the same applied to a door in position for operation. Fig. 3 is a longitudinal sectional view. Fig. 4 is a transverse sectional view taken on the line *x x* in Fig. 3. Fig. 5 is a side view showing the slide of the device reversed and the device in position for being carried in the pocket. Fig. 6 is a perspective view illustrating a modification in the construction of my improved door-securer. Fig. 7 is a transverse sectional view of the latter.

The same letters refer to the same parts in all the figures.

This invention relates to door-securers; and it has for its object to provide a device which shall be simple in construction, durable, convenient in operation, and easily carried in the pocket, so as to be available for the use of travelers and others.

With these ends in view the invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A designates a flat sleeve having a bulging portion which forms a casing, B, at one end. The said casing has a transverse opening, C, in which is fitted a slide, D, which may be retained in any position to which it may be adjusted by the pressure against it of a small spring, E, suitably located above it in the casing B. The under side of the slide is provided with a recess, F, whereby it is adapted

to engage the notches G G, formed in the sides of a slide, H, fitted to move longitudinally in the sleeve A, and provided at one end with a laterally-projecting spur, I.

It will be observed that the notches G in one side of the slide H alternate with those formed in the other side, so that it is necessary to move the said slide only a very small space for the purpose of causing the latch-slide D to engage one of the said notches, thus enabling the device in practice to be very nicely adjusted.

The operation of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed.

To adjust the device, it is only necessary to move the sleeve A back upon the slide H, insert the spur of the latter into the jamb, and close the door, thus preventing the withdrawal of slide H. The sleeve is then moved up closely against the door, where it is held or retained by the action of the latch D, engaging one of the notches in the slide, thus fastening the door securely.

To remove the device the operation is simply reversed. The slide H may then be reversed in the sleeve, as shown in Fig. 5 of the drawings, and drawn back until the spur I rests against the enlarged portion B of the sleeve, in which position the slide may be secured by the latch D engaging a suitably-located notch in the side of the slide. The device may thus be carried without danger of mutilating the pocket.

In Figs. 6 and 7 I have shown a modification in the construction of the device in which the latch D is adapted to engage notches in one side of the slide H only, it being forced into contact with the said notches by a spring, L, bearing against one of its ends, while the other end forms a projecting handle, M, by means of which it may be conveniently manipulated. The operation of this device is identical with that already described.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

In a door-securer, the combination of a sleeve having an enlarged portion forming a

casing at one end, a latch arranged to slide transversely in the said casing, a spring arranged to bear against and retain the said latch, and a slide longitudinally adjustable in the sleeve, and having notched sides adapted to engage the latch, substantially as and for the purpose set forth.

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

FRANK R. WOODWARD.

Witnesses:

FRANK PROCTOR,

ALEXIS PROCTOR.