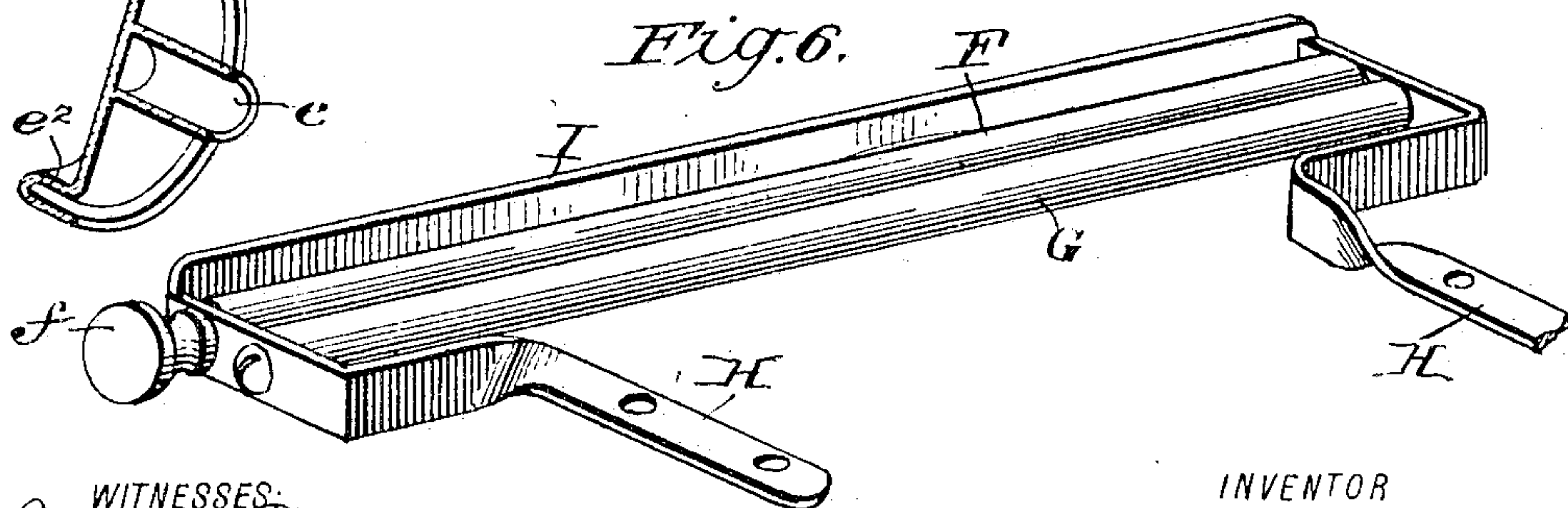
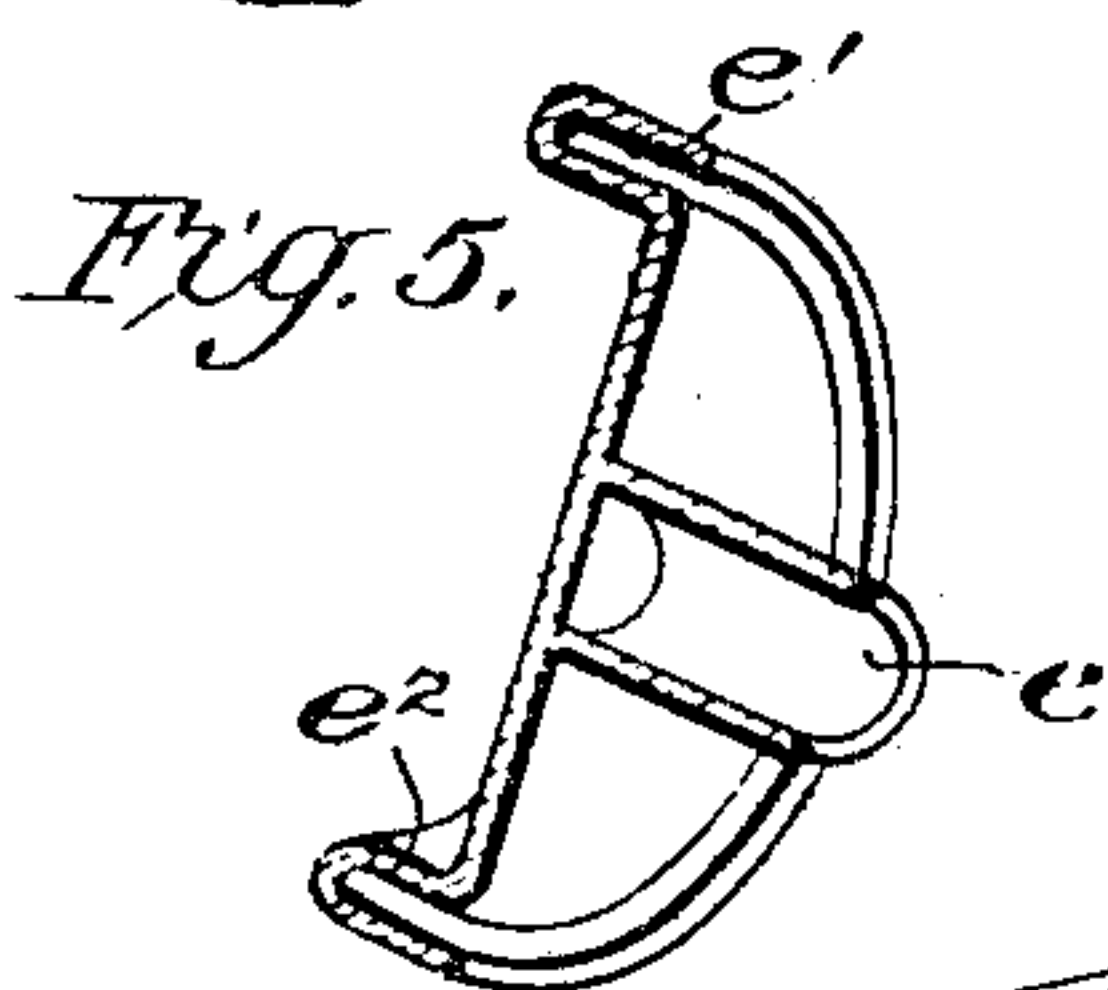
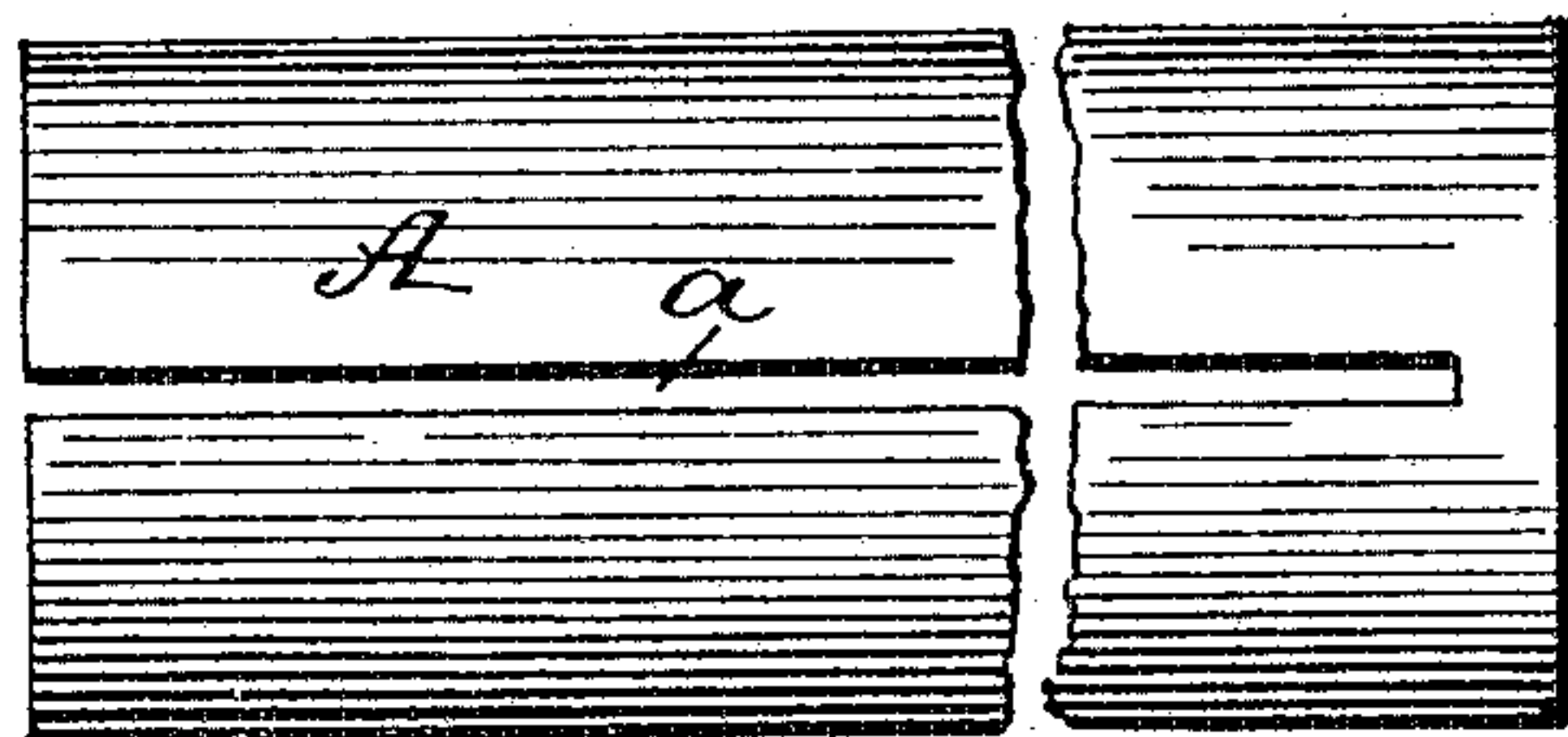
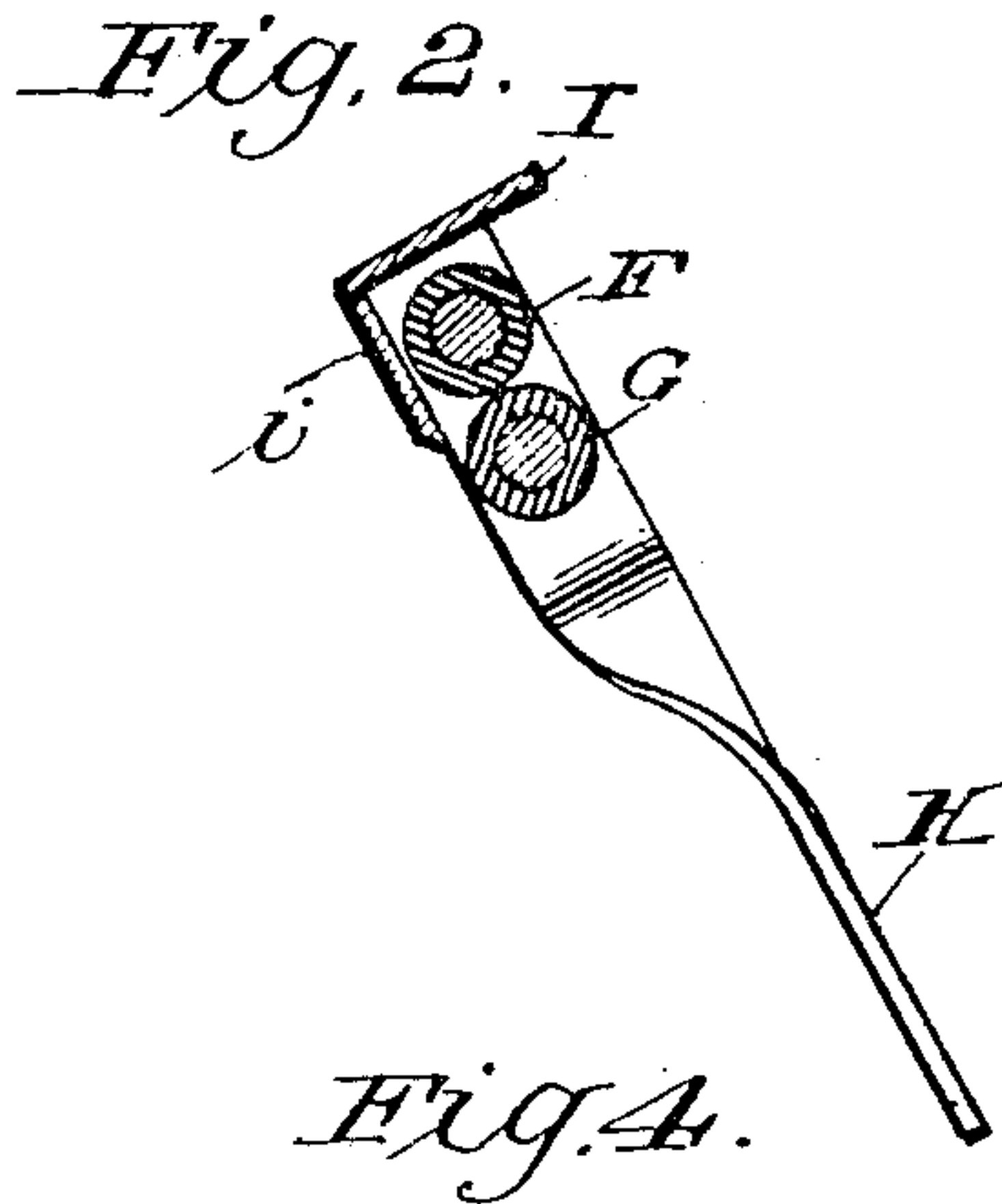
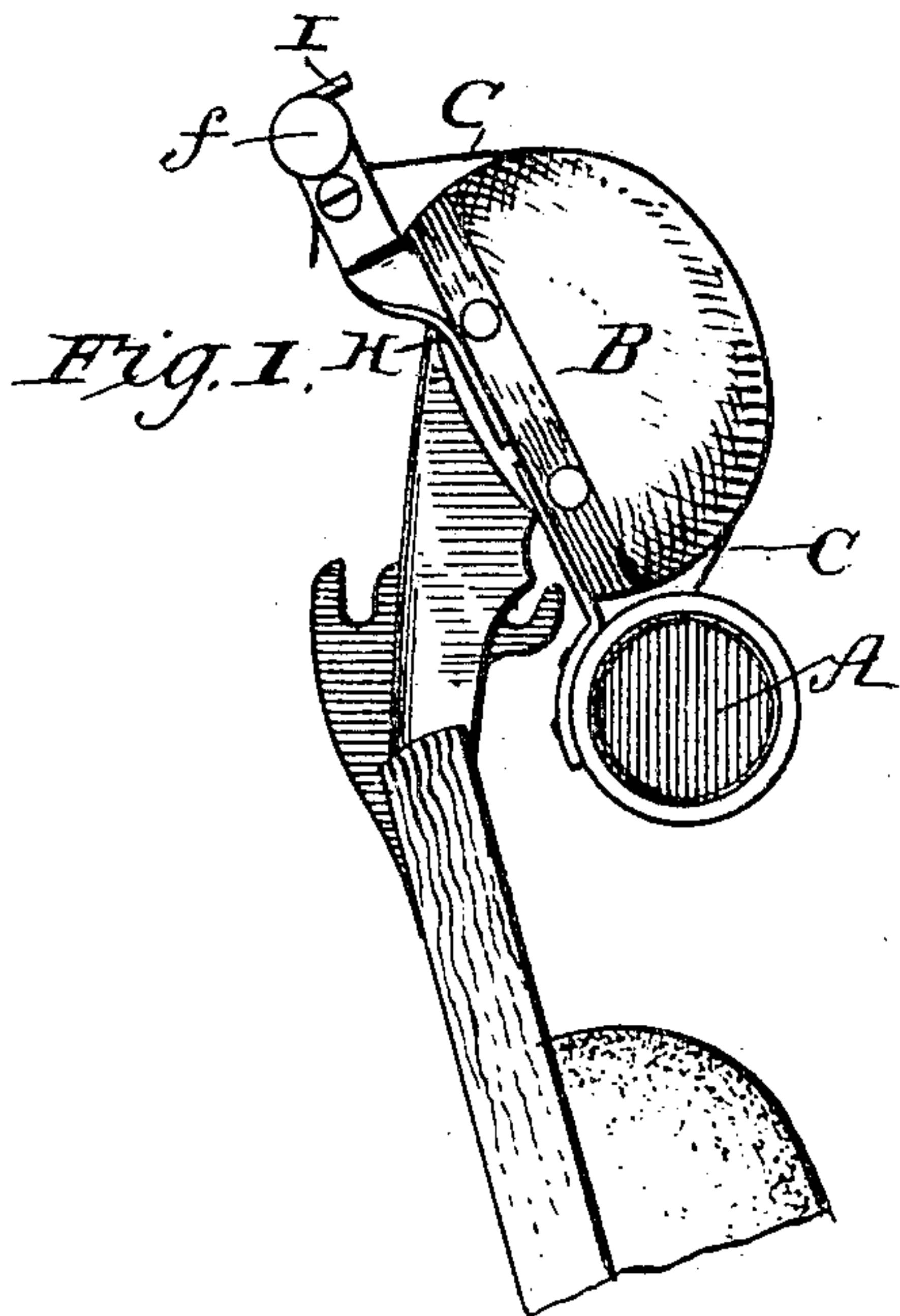


No. 798,905.

PATENTED SEPT. 5, 1905.

A. D. KANDLE.
ATTACHMENT FOR BARBERS' CHAIRS.
APPLICATION FILED OCT. 20, 1904.



WITNESSES:
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ATTACHMENT FOR BARBERS' CHAIRS.

No. 798,905.

Specification of Letters Patent.

Patented Sept. 5, 1905.

Application filed October 20, 1904. Serial No. 229,321.

To all whom it may concern:

Be it known that I, AUSBIN D. KANDLE, a citizen of the United States, residing at Pencoyd, in the county of Montgomery and State of Pennsylvania, have made certain new and useful Improvements in Attachments for Barbers' Chairs, of which the following is a specification.

My invention is an improvement in attachments for barbers' chairs, and particularly in the class of devices illustrated in my former patent, No. 761,232, dated May 31, 1904; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a side view of an attachment embodying my invention in connection with the upper end of a barber's chair. Fig. 2 is a detail sectional view drawn through the paper-feeding rollers. Fig. 3 is a longitudinal section of the roll-containing cylinders. Fig. 4 is a detail top plan view, partly broken away, of said cylinder. Fig. 5 is a sectional perspective view of the cap for closing the open end of the cylinder, and Fig. 6 is a detail perspective view showing the framing for feed-rollers.

By my invention I seek to provide means whereby to facilitate the insertion of the paper-roll in the cylinder and to guide such roll when in the cylinder in such manner as to prevent the edges of the paper sheet from tearing against the metal at the ends of the slot through which such sheet is guided, and also to brace the open end of the cylinder adjacent to the slotted way for the paper both internally and externally in the use of the invention.

As best shown in Figs. 3 and 4, the cylinder A, which may be suitably secured to the head-rest B, at the lower edge of the latter, is provided with a slot *a*, through which the paper sheet C is drawn from the roll within the cylinder. The slot *a* extends to and opens at the open end of the cylinder A and extends to or nearly to the opposite or closed end of the cylinder, as shown in said Figs. 3 and 4.

In practice it is found that in drawing the paper off the roll within the cylinder its edges have a tendency to tear against the plate or plates at the ends of the slot *a*. To avoid this, I provide the fixed plate D, at the closed end of the cylinder A, with an inwardly-

projecting annular portion *d*, which surrounds the bearing-tube *d'* for the paper-roll and forms a stop and guide for the inner end of the paper-roll when the latter is fitted in the cylinder in the use of the invention. This inwardly-projecting portion *d* may be of suitable length to properly stop and guide the paper-roll in the use of the invention as desired.

To close the open end of the cylinder, I provide the cap E, having an inwardly-projecting central bearing-tube *e*, which telescopes in the bearing-tube *d'* of the plate D and coöperates therewith in forming a bearing for the paper-roll. This cap E is also provided with a flange *e'*, which fits over the slotted open end of the cylinder A, and with an inwardly-projecting annular portion *e''*, which projects into the cylinder and forms a guide and stop for the outer end of the paper-roll, the latter turning in practice between the guide portions *d* and *e''* of the end plates D and E, as will be understood from Fig. 3 of the drawings.

It will be noticed that the stop portion *e''* fits snugly within the slotted open end of the cylinder A and in addition to forming a stop and guide for the outer end of the paper-roll serves to brace the slotted open end of the cylinder against any inward pressure and prevents the cylinder when made from thin metal from being pressed in at its open end in such manner as to interfere with the operation of the paper-roll within the cylinder.

As best shown in Fig. 1, the feed-rollers F and G are supported above the head-rest B of the chair, the bracket supporting said rollers having depending lugs *h* secured to the back of the head-rest in such manner as to support the rollers in the desired position, one of said rollers being provided with a knob *f* by which it may be turned and the bracket being provided with a top plate I extending over the upper roller and secured at one edge to the upper edge of the blade *i*, against which the paper is torn off in the use of the invention.

In the use of the invention, the parts being applied as shown in Fig. 1, the paper is drawn through the slot *a* in the cylinder A, up over the head-rest and between the rollers F and G, and forms a cover for the head-rest, and the portions torn off from time to time may be utilized by the barber in wiping the razor, it being understood that the paper may be

manipulated to provide a clean unused head-rest for each customer.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an attachment for barbers' chairs, the combination substantially as herein described, of the cylinder having a longitudinal slot opening at the open end of the cylinder, an end plate at the closed end of the cylinder having an inwardly-projecting bearing-tube and provided surrounding said tube with an inwardly-projecting annular stop portion forming a stop and guide for the inner end of the paper-roll, and a cap for the open end of the cylinder, said cap being provided with a flange fitting over the open end of the cylinder with a central inwardly-projecting tube telescoping with that projecting from the opposite end plate, and with an inwardly-projecting annular portion fitting within and bracing the open slotted end of the cylinder and forming a stop and guide for the outer end of a paper-roll, when fitted in said cylinder, and means for holding and guiding a pa-

per strip drawn through the slot in said cylinder, substantially as and for the purposes set forth.

2. In an attachment for barbers' chairs, a cylinder adapted to contain a paper-roll and having a longitudinal slot extending to the open end of the cylinder, an end plate for the closed inner end of the cylinder having an inwardly-projecting annular portion adapted to abut the inner end of a paper-roll and form a stop and guide therefor, a cap for the open end of the cylinder having a flange fitting over the slotted end of the cylinder, and an inwardly-projecting annular portion fitting within the slotted open end of the cylinder and bracing such end of the cylinder and also forming a stop and guide for the outer end of a paper-roll fitted in said cylinder and a support extending between said cap and end plate for such paper-roll, substantially as set forth.

AUSBIN D. KANDLE.

Witnesses:

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PERRY B. TURPIN.