

No. 791,359.

PATENTED MAY 30, 1905.

W. W. McNAUGHTON.
ROLLER HAT FASTENER.
APPLICATION FILED MAR. 25, 1905.

2 SHEETS—SHEET 1.

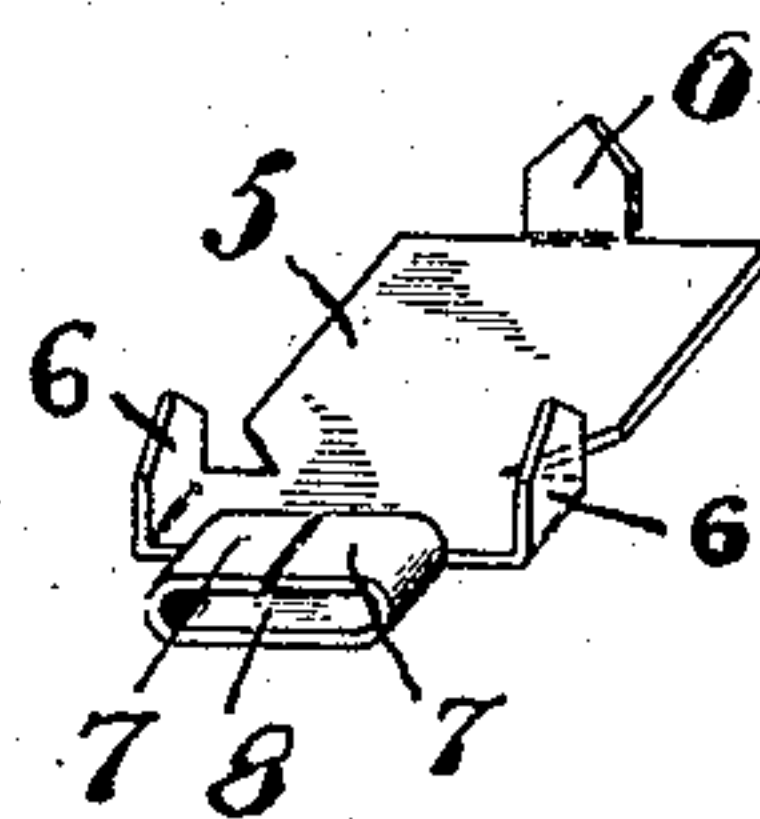
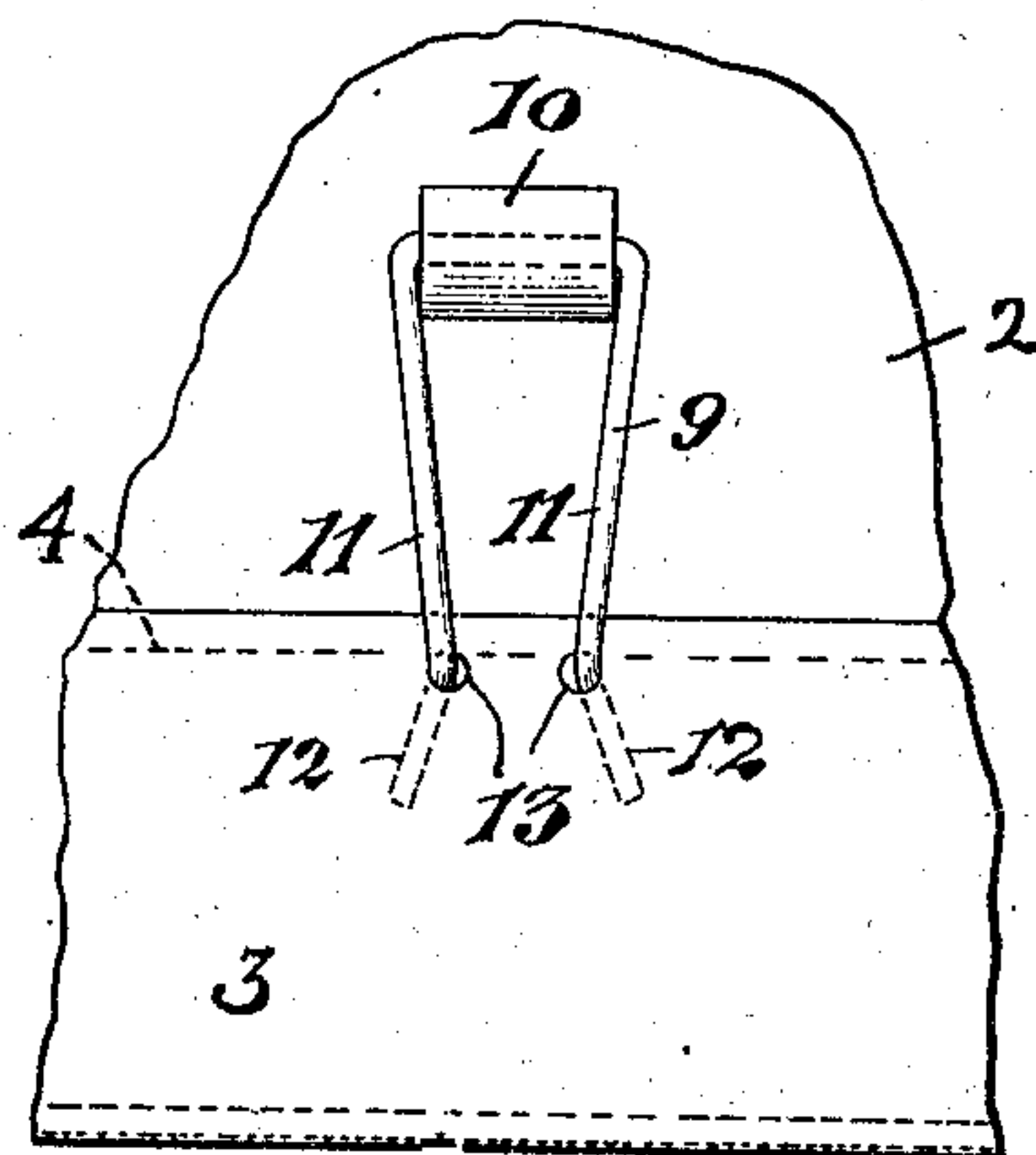
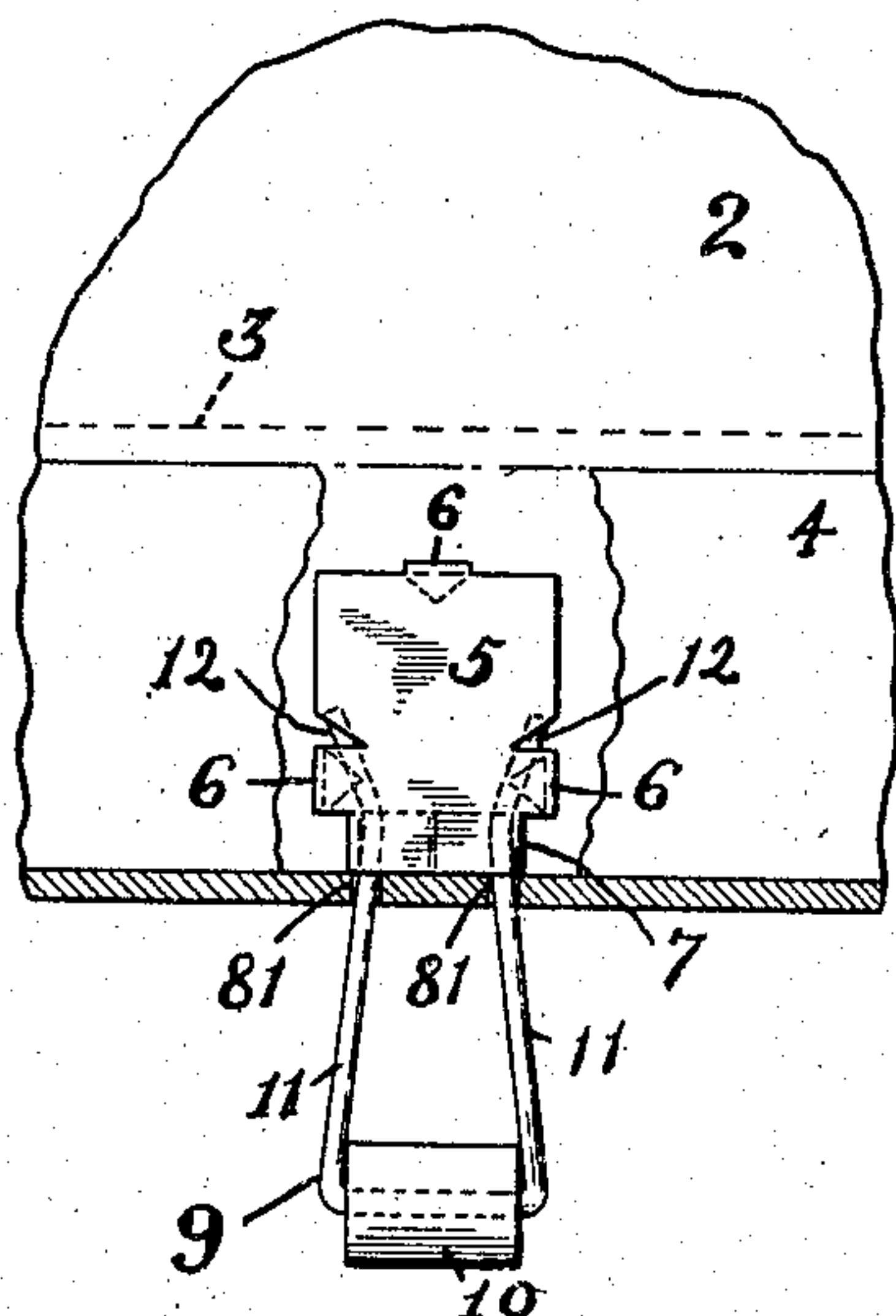
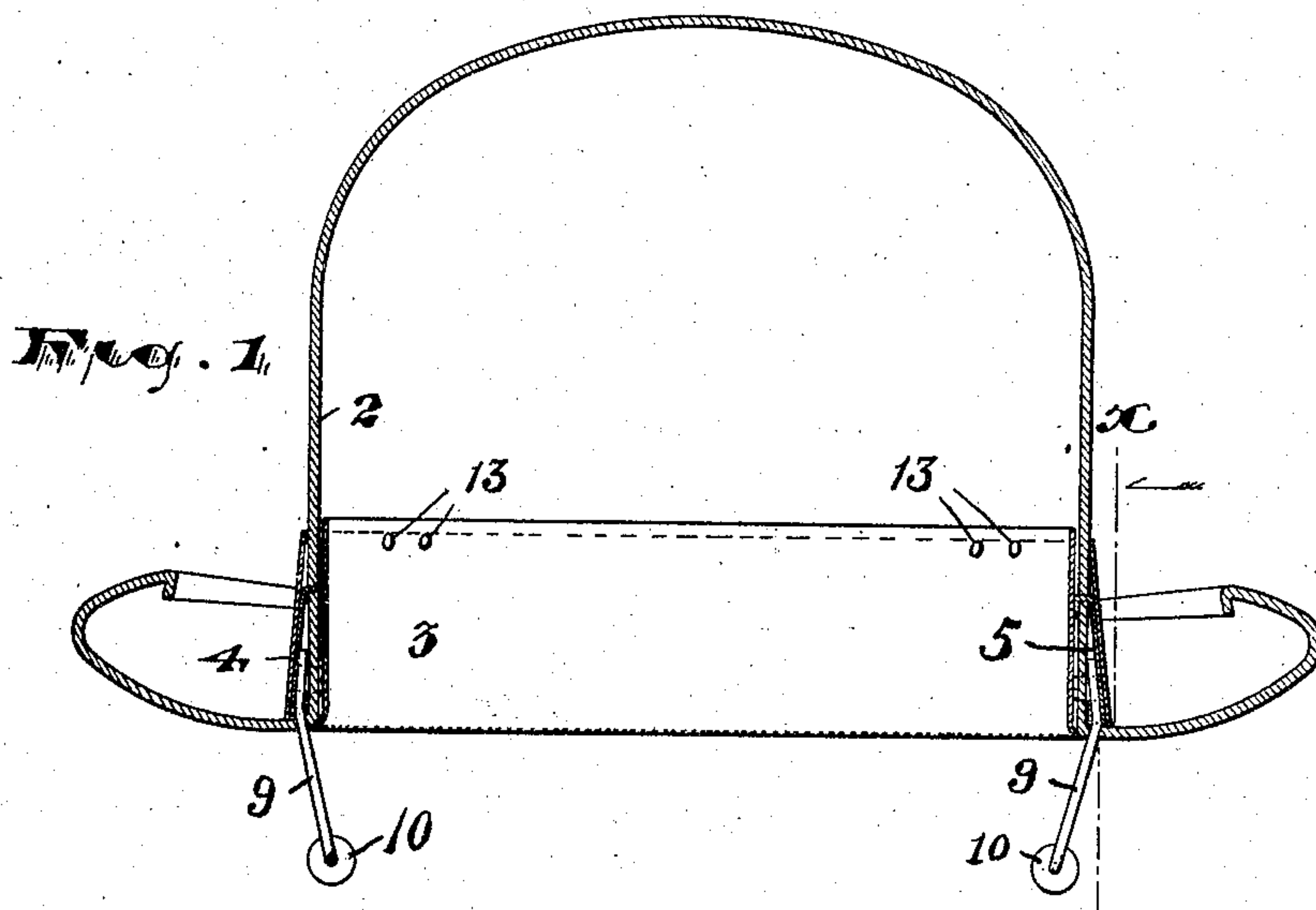


Fig. 2.

Fig. 3

Fig. 4.

WITNESSES

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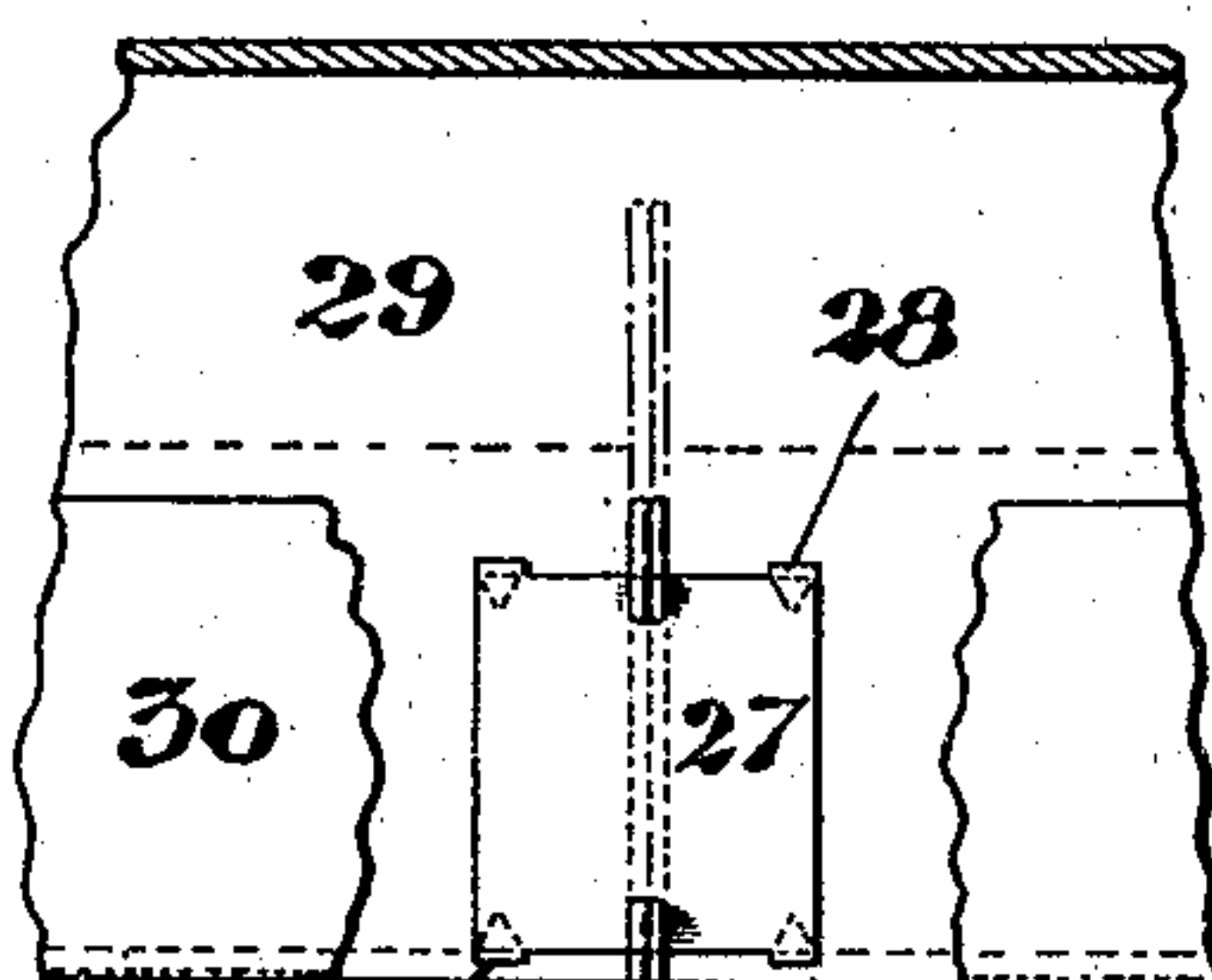
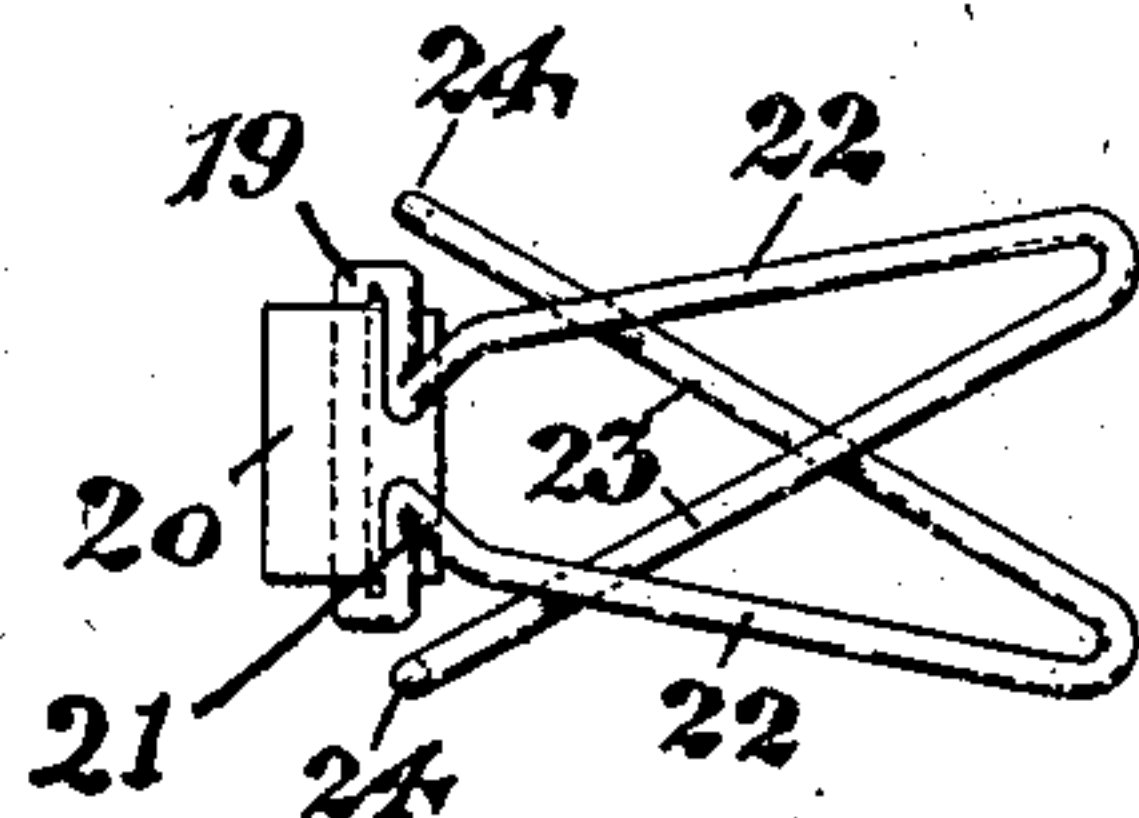
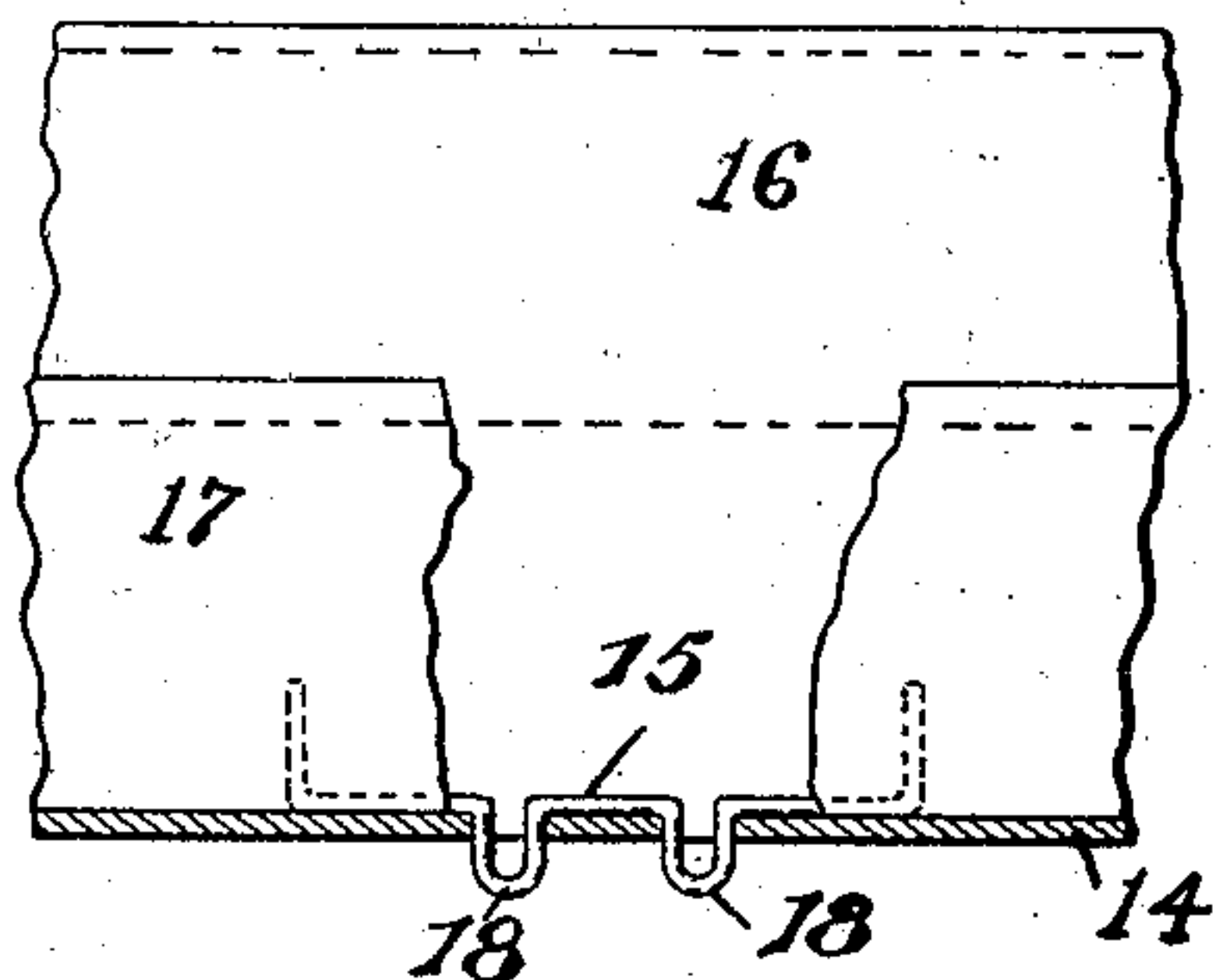
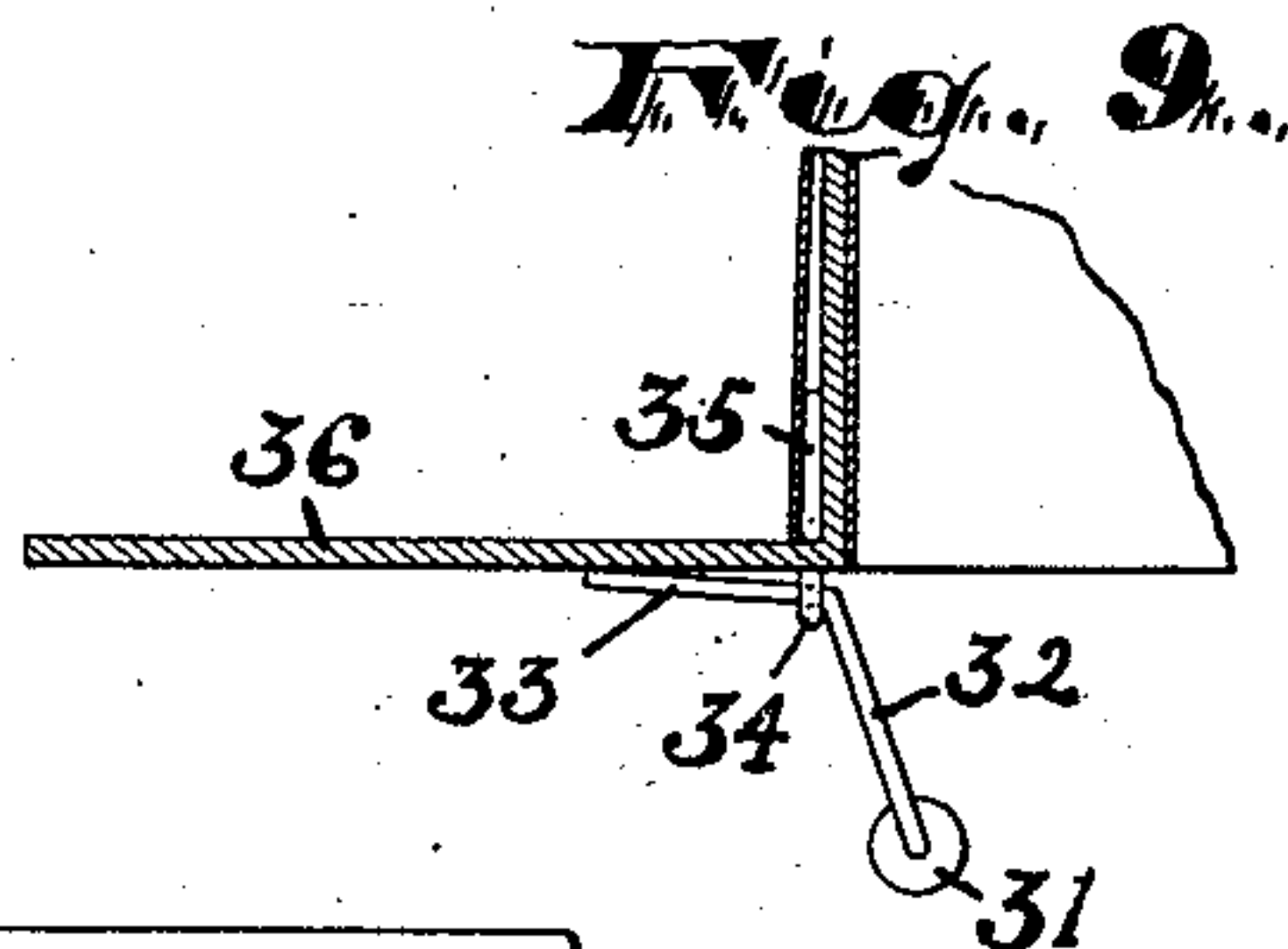
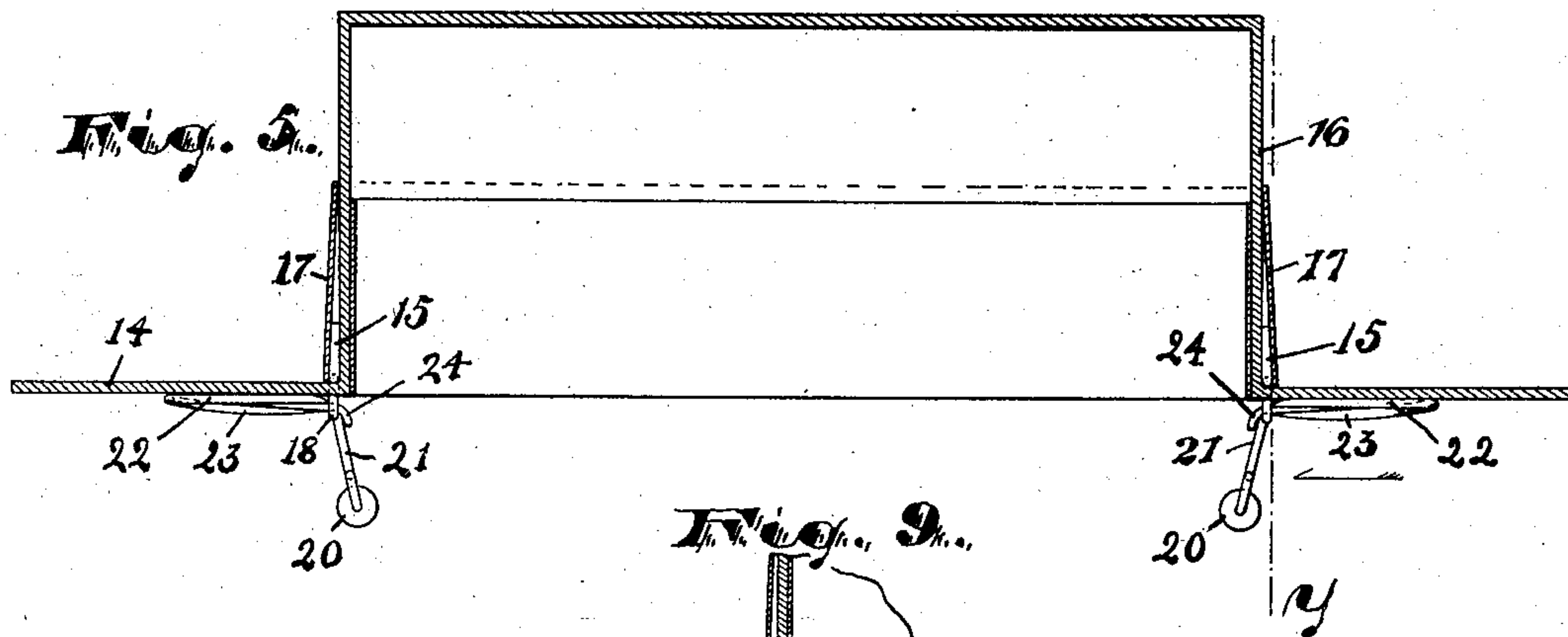
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2 SHEETS—SHEET 2.



WITNESSES

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ROLLER HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 791,359, dated May 30, 1905.

Application filed March 25, 1905. Serial No. 251,943.

To all whom it may concern:

Be it known that I, WILLIAM W. McNAUGHTON, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Roller Hat-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to certain improvements in that class of hat-fasteners shown in my prior patents, Nos. 782,683 and 782,684, issued February 14, 1905, the objects of the present improvements being to secure a more easy and comfortable engagement of the fastener with the head of the wearer, to facilitate the taking off and putting on of a hat provided with such fasteners and to obviate the causing of unpleasant friction upon the sides of the head, to simplify and cheapen the construction, to secure a holding-arm or extension which can be removed from the body portion of the fastener when not in use and supported on an inner portion of the hat, and to obtain other advantages and results, some of which may be hereinafter referred to in connection with the description of the working parts.

The invention consists in the improved hat-fastener and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth, and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like figures of reference indicate corresponding parts in each of the several figures, Figure 1 is a vertical transverse section of a derby hat provided with my improved fastener. Fig. 2 is a side view of a portion of the same, the brim of the hat and a portion of the hat-band being broken away, as on line *x*, Fig. 1, to show the fastener more clearly. Fig. 3 is a view of a portion of the hat from the inside, showing the manner of carrying the fastening-arms when not in use. Fig. 4

is a detail perspective of the body portion of my hat-fastener in its preferred form. Fig. 5 is a vertical cross-section of a straw hat, showing a modified form of my fastener applied thereto. Figs. 6 and 7 are detail views illustrating, respectively, the permanently-attached and the detachable portions of said modified fastener, said Fig. 6 being partly in section on line *y*, Fig. 5. Fig. 8 is a view from the inside of a hat, with the sweat-band partly broken away, of the form of fastener shown in my prior application, Serial No. 782,683, above referred to, and having the present improvements applied thereto; and Fig. 9 illustrates a modified construction which may sometimes be employed.

In said drawings, 2 indicates the body portion of a derby hat provided with the usual interior sweat-band 3 and exterior hat-band 4.

My improved hat-fastener is preferably employed in pairs, as shown in Fig. 1, one fastener being shown at each side of the hat, so as to engage the head of the wearer near his ears.

The body of the hat-fastener comprises a sheet-metal portion 5, adapted to lie against the hat-body 2 and be covered by the outside hat-band 4. Said body portion 5 may be attached to the hat in any suitable manner, preferably by lugs 6, adapted to be pushed through the hat-body and bent over, although sewing may be employed, as in my said prior patents. At its lower portion the body part 5 provides wings 7, bent inwardly toward each other to form a tubular passage 8, and in alinement with the ends of said passage are, preferably, holes 81, extending through the hat-brim. This said body portion 5 of the fastener lies at all times under the hat-band 4, as described, and obviously is concealed thereby.

The attaching portion of my improved fastener comprises a wire loop 9, having at the closed end thereof a pivotal roller 10, which is preferably of soft rubber or other material adapted to be easy and comfortable in its contact with the head of the wearer. The arms of said loop preferably approach each toward their ends, as at 11, and then have extremities 12, which are bent outwardly apart.

By compressing the said ends 12 toward each other they may be inserted in the passage 8 of the body portion 5 of the fastener and passed therethrough until they lie above it with the narrow portion of the loop within the said passage. In this relation of parts, which is shown in Fig. 2 more particularly, the rubber roller 10 is evidently held below the hat, as shown in Fig. 1, and in a position to engage the head of the wearer to hold the hat in place, as will be understood. When not in use, each loop 9, with its roller 10, can be removed and similarly inserted in reversed position in apertures 13, provided in the edge of the sweat-band or at any other convenient point, as shown in Fig. 3.

The body portion 5 is of course made wide enough to protect the points of the loop 9 from scratching or tearing the hat-band, and, if desired, the openings 81 through the brim of the hat at the mouth of the passage 8 may be provided with eyelets of any suitable or ordinary construction.

In Figs. 5, 6, and 7 I have shown a modified construction, in which a staple 15 is arranged just above the brim 14 of the hat between the hat-body 16 and outer hat-band 17, said staple comprising a piece of wire with eyes 18 18, which project through apertures in the hat-brim. The detachable portion of the fastener in this construction comprises a single piece of wire providing at its middle portion a loop 19 to pivotally receive the rubber roller 20. From said roller the arms of the said loop extend upward, as at 21, and are then bent outwardly to provide portions 22, adapted to lie flat against the under side of the hat-brim. Said ends 22 are furthermore bent or returned to form other portions 23, which lie in a plane adjacent to that of the said portions 22 and have hooked extremities 24, adapted to catch into the said eyes 18 of the staple above described. The fastener can thus be readily applied to the hat, as shown in Fig. 5, with its portions 22 23 lying against the hat-brim 14 and its roller 20, held by the arms 21, in position to engage the head of the wearer. The general idea of this construction is shown in my said prior patent, No. 782,684, except that I have here employed a rotatable roller and a supporting-arm therefor, which is bent out of a single piece of wire.

In Fig. 8 I have illustrated substantially the construction shown in my prior patent, No. 782,683, except I show therein the roller 25, which embodies the most important feature of this present application. Said roller 25 I have shown supported by a doubled-wire arm 26, supported in a plate 27, adapted to be riveted, as by lugs 28, to the hat-body 29 and lie beneath the sweat-band 30.

In Fig. 9 I show substantially a combination of the detachable member of Figs. 1, 2, and 3 with the staple of Figs. 5 and 6, 31 indicating the roller pivoted in a wire loop 32, the bent extremities 33 of whose arms are thrust through the eyes 34 of the staple 35 and bear upwardly against the hat-brim 36.

Throughout all these constructions it will be noted that I use the loose rotatable roller, and it will be remembered that said roller is of some soft and preferably resilient material, whether rubber, felt, or other substance.

Having thus described the invention, what I claim as new is—

1. In a hat-fastener, an arm adapted to project from a hat, and a pivotal roller upon said arm adapted to engage the head of the wearer.

2. In a hat-fastener, an arm comprising a wire loop adapted at its free extremities to be secured to a hat, and a roller pivoted at the closed end of said loop.

3. In a hat-fastener, supporting means adapted to be mounted on a hat, an arm adapted to project from said supporting means, and a pivotal roller upon said arm.

4. In a hat-fastener, supporting means adapted to be mounted upon a hat, an arm comprising a wire loop adapted at the free ends of its arms to engage said supporting means, and a roller pivoted at the closed end of said loop.

5. In a hat-fastener, the combination of supporting means adapted to be mounted on a hat, an arm adapted to be detachably connected to said supporting means, and a roller pivotally mounted upon the said arm.

6. In a hat-fastener, the combination with a supporting-plate having wings bent inwardly over itself, of a separate loop having arms adapted to be sprung under said wings, and a roller pivoted at the closed end of said loop.

7. The combination with a hat having the inner portion of itself provided with apertures 13, of a supporting-plate upon said hat having oppositely-bent wings 7, a wire loop whose arms are adapted to be either inserted in the said openings or sprung under the said wings, and a roller pivoted in the closed end of said loop.

8. In a hat-fastener, the combination with a plate adapted to be mounted upon a hat and providing an annular passage-way, of a loop having resilient arms adapted to be sprung into said passage-way, and a roller pivoted in the closed end of said loop.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of March, 1905.

WILLIAM W. McNAUGHTON.

Witnesses:

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M. V. DOYLE.