

No. 831,902.

PATENTED SEPT. 25, 1906.

E. H. SURRIDGE.

HAT PIN.

APPLICATION FILED DEC. 14, 1905.

Fig. 1.

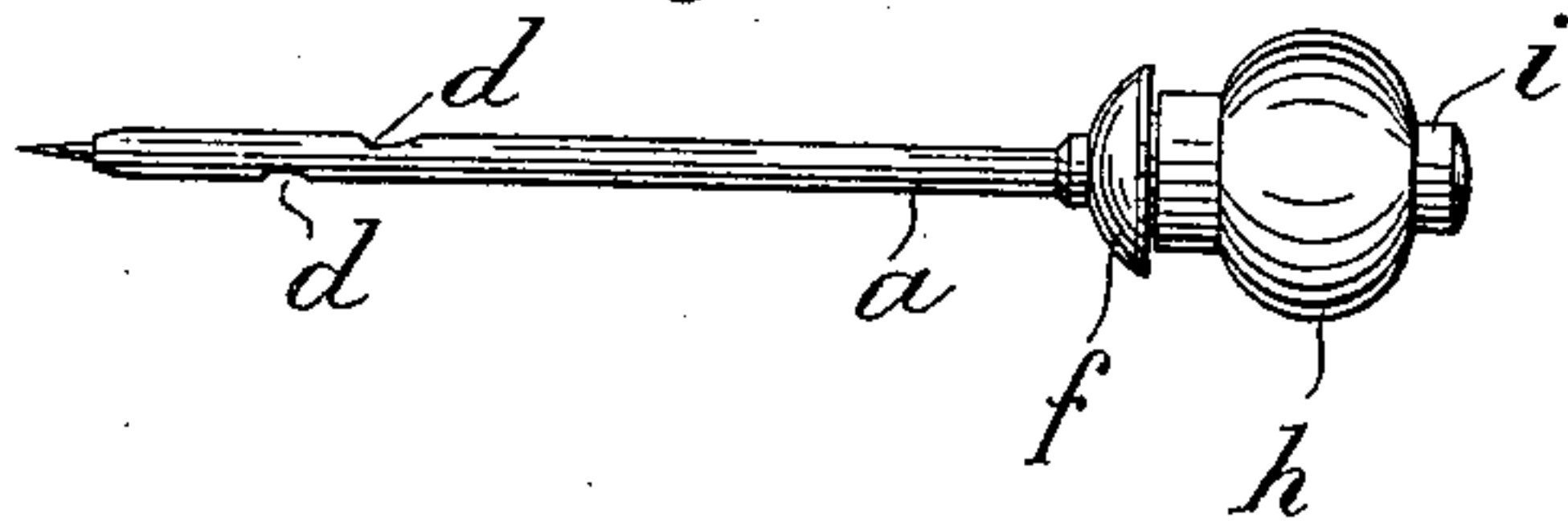


Fig. 2.

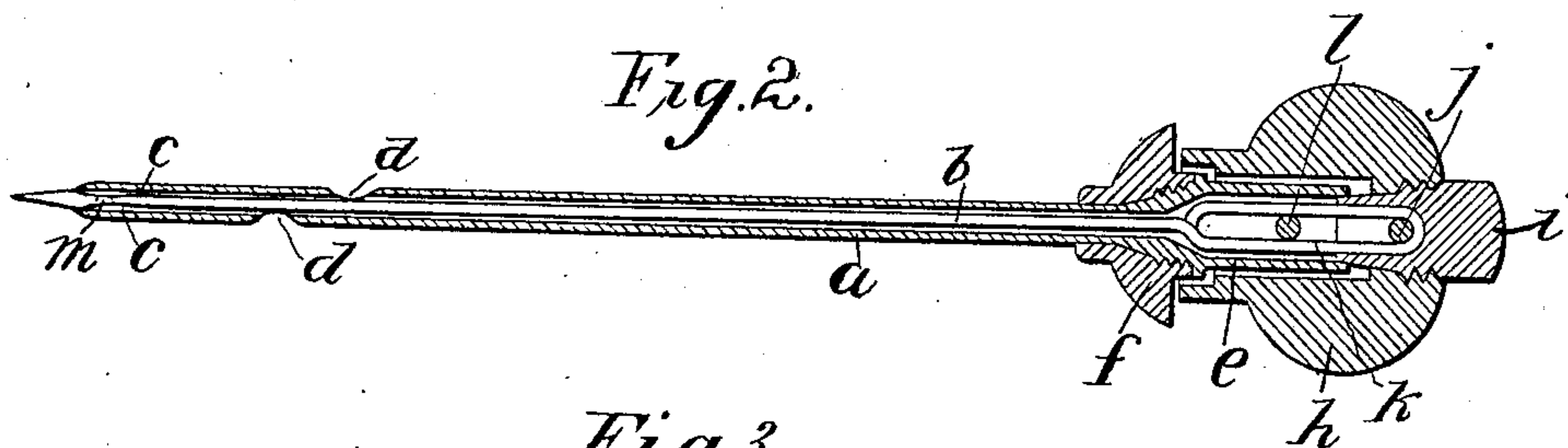
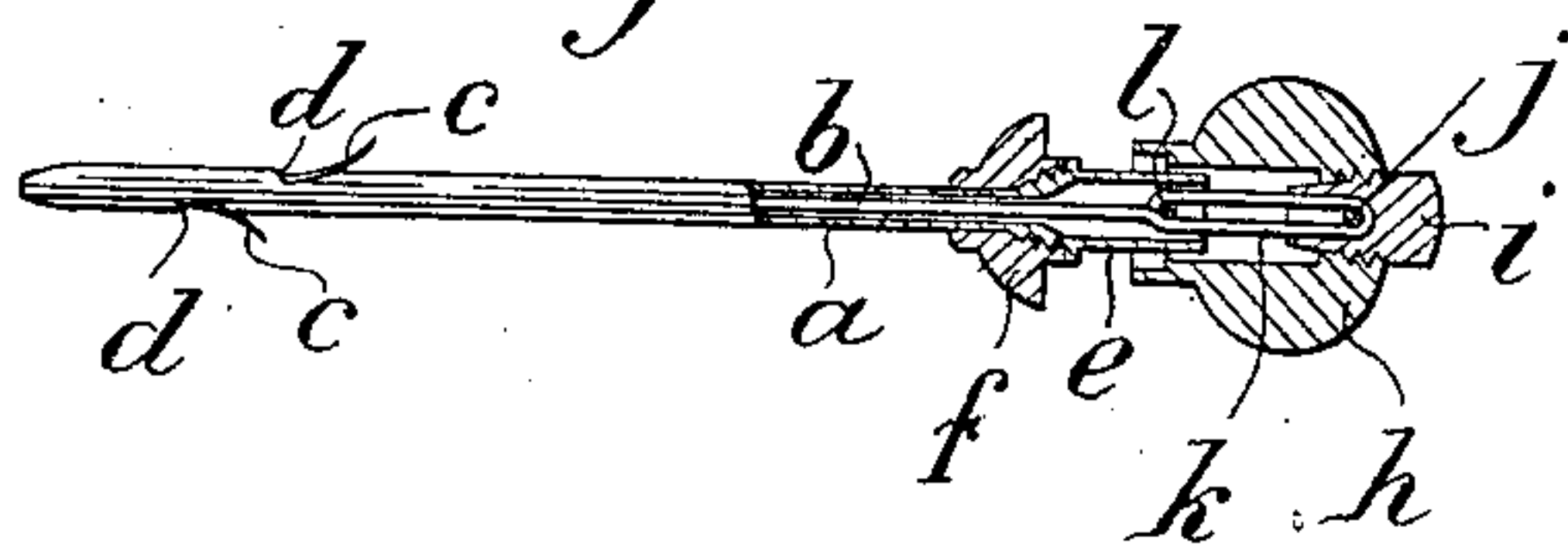


Fig. 3.



Witnesses.
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EDWARD HENRY SURRIDGE, OF CHADWELL, IXOPO, NATAL.

HAT-PIN.

No. 831,902.

Specification of Letters Patent.

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Application filed December 14, 1905. Serial No. 291,711.

To all whom it may concern:

Be it known that I, EDWARD HENRY SURRIDGE, a subject of the King of Great Britain and Ireland, residing at Chadwell, Ixopo, Natal, South Africa, have invented a new or Improved Hat-Pin, of which the following is a specification.

This invention relates to a new or improved hat-pin comprising a pointed central pin that is provided with barbs and is contained within a tubular sheath, the arrangement being such that the barbs can be withdrawn into the sheath while the point protrudes therefrom, or alternatively the barbs can be caused to protrude while the point is withdrawn into the sheath. The pin with its point protruded and its barbs withdrawn can thus first be pushed through the hat and into the wearer's hair, and the barbs can then be protruded to engage with the hair while the point is withdrawn into the sheath.

My invention is hereinafter described with reference to the accompanying drawings, which show an example of hat-pin in accordance therewith, and wherein—

Figures 1 and 2 are respectively an elevation and a central longitudinal section showing the parts in one position; and Fig. 3 is an elevation, partly in section, showing the parts in a different position.

Within the tubular sheath *a* there is contained a central pin *b*, that is furnished with barbs *c* of suitable resilient material, as metal. When the said sheath and pin are in the relative positions shown in Figs. 1 and 2, the barbs are contained within the sheath; but when the pin is moved in relation to the sheath into the position shown in Fig. 3 the barbs are thereby caused to project through apertures *d* in the sheath. Upon the end of the sheath adjacent to the head of the pin there is secured a collar *e*, to which there is attached by a screw-thread connection a disk *f*. Upon the collar *e* there is mounted the head *h*, which may be either plain or ornamental, and to the upper end of the pin *b* there is attached a stud *i*, that is screwed into the head *h* and that for the sake of cheapness is preferably secured, as shown, by means of a pin *j*, that passes through a loop *k* on the end of the pin. Within the collar *e* there is also provided a pin *l*, that en-

gages the loop *k* and thereby limits the movements of the pin within its sheath.

The barbs *c* may advantageously consist of short strips or wires of metal or other suitable material that are pointed or rounded at the ends and are passed through eyes or apertures *m* in the pin *b*.

The hat-pin when pushed through the hat and into the hair has its parts in the relative position shown in Figs. 1 and 2, the barbs being withdrawn within the sheath, while the point of the pin protrudes therefrom. After the insertion of the pin the disk *f* and the head *h* are forced apart by the finger and thumb, whereby the parts are brought into the relative position shown in Fig. 3, wherein the barbs protrude and the pin-point is concealed within the sheath.

A hat-pin constructed as hereinbefore described is suitable also for use as a hair-pin, and it possesses the advantages that it can be cheaply manufactured on a commercial scale, while its point does not project beyond the hat so as to involve risk of injury to others or to the wearer.

What I claim is—

1. The combination in a hat-pin of a tubular sheath having apertures in its sides, a pin movably mounted within said sheath and having a pointed end, barbs carried by said pin and projecting, at one position of the pin, through the apertures in the sides of the sheath.

2. A hat-pin comprising a tubular sheath having apertures near one of its ends; upon the other end of said sheath a collar; a disk attached to said collar; within said tubular sheath a pointed and longitudinally-movable central pin; a head mounted on said collar; secured to said central pin a stud attached to said head; and upon said pin, in proximity to the point thereof, barbs adapted to be projected through aforesaid apertures in the sheath whenever said disk and head are moved apart.

Dated in Durban this 3d day of November, 1905.

EDWARD HENRY SURRIDGE.

Witnesses:

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