

A. G. NEEDS.
HAIR PIN.

APPLICATION FILED JAN. 28, 1908.

910,715.

Patented Jan. 26, 1909.

Fig. 1.

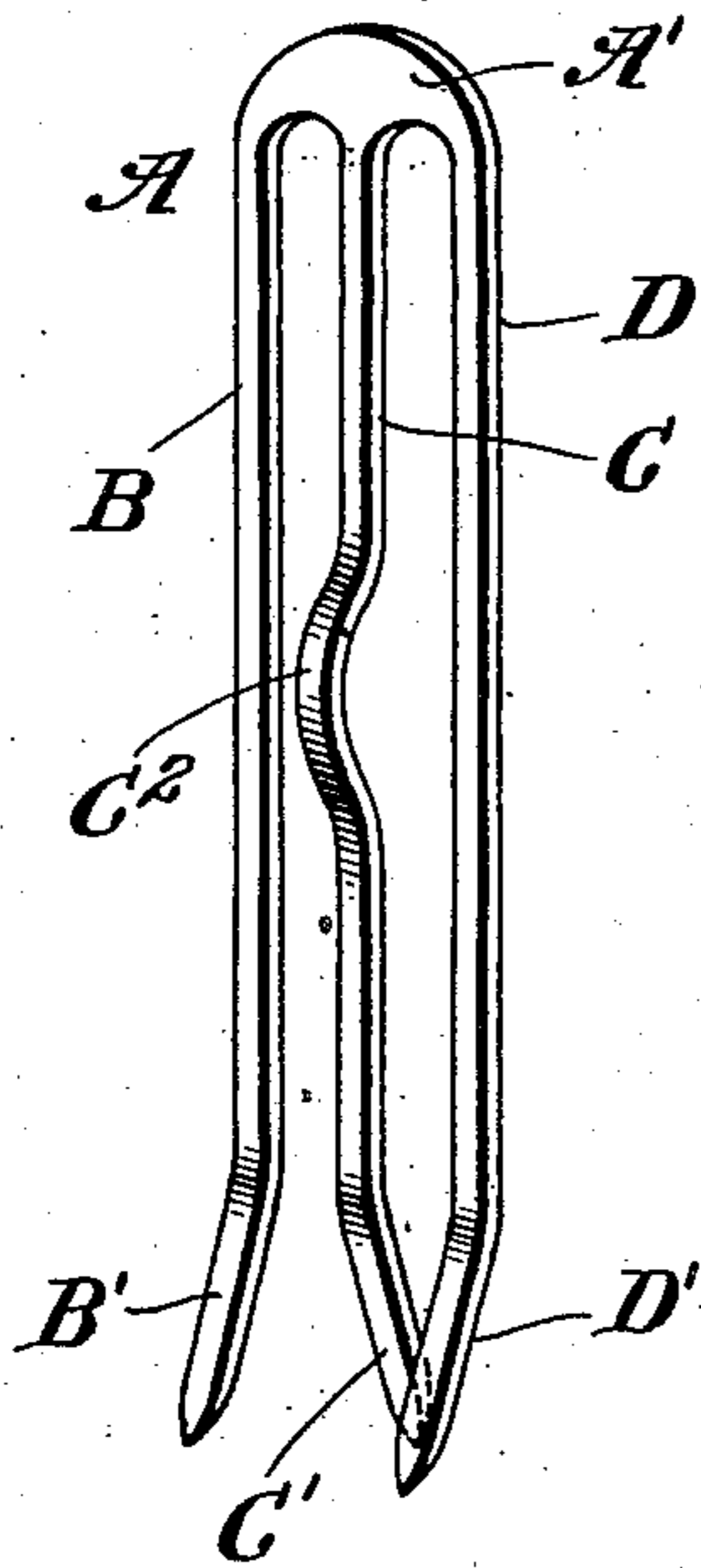
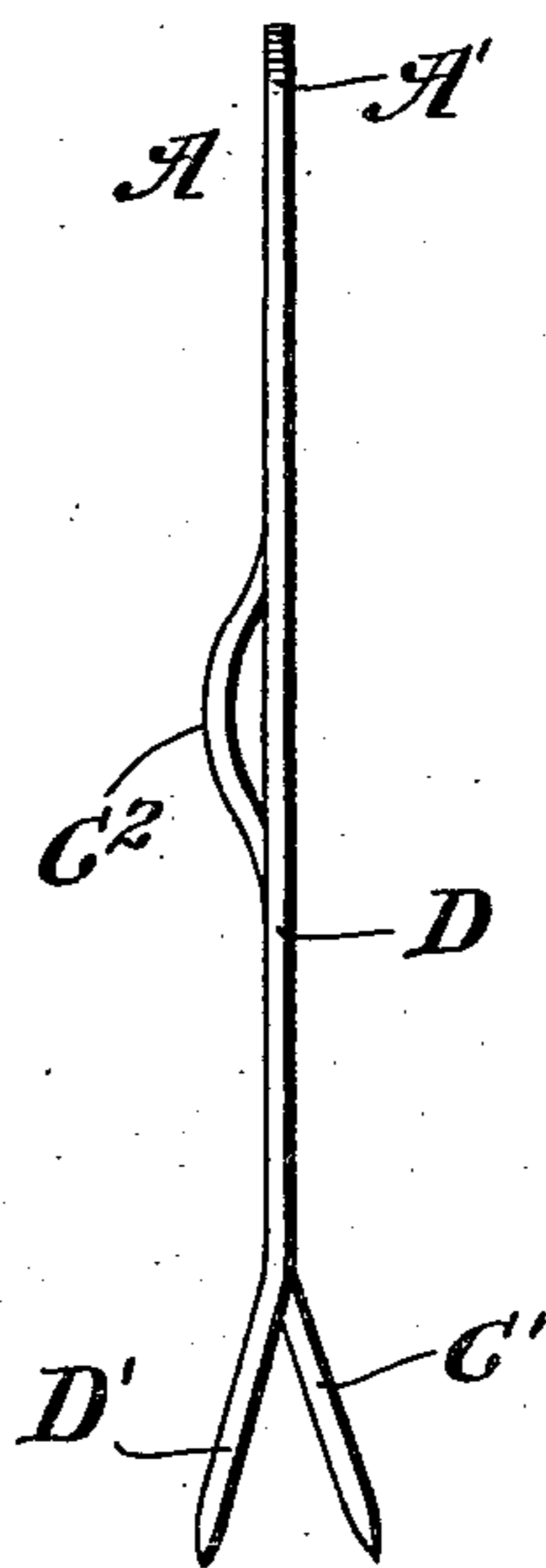


Fig. 2.



Witnesses

W. C. Lyddane
J. A. L. Mulhall.

Inventor

Augustus George Needs

By

Joshua H. Ross

Attorney

UNITED STATES PATENT OFFICE.

AUGUSTUS GEORGE NEEDS, OF CHESTER, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO
ULYSSES G. FORD, OF HADDON HEIGHTS, NEW JERSEY.

HAIR-PIN.

No. 910,715.

Specification of Letters Patent.

Patented Jan. 26, 1909.

Application filed January 28, 1908. Serial No. 413,125.

To all whom it may concern:

Be it known that I, AUGUSTUS GEORGE NEEDS, a subject of the King of Great Britain, residing at Chester, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Hair-Pins, of which the following is a specification:

This invention relates to hairpins, the object being to provide a hairpin which is so constructed that after being forced into the hair it will be held therein without any danger of its slipping out.

A further object of my invention is to provide a hairpin with three prongs, two of which are bent in one direction and the other in a reverse direction, whereby when the pin is forced into the hair the prongs will bind the same and prevent the pin from slipping out.

A further object of my invention is to provide a hairpin which is exceedingly simple and cheap in construction, and one which can be formed from a single piece of metal, celluloid or gutta-percha.

These objects are obtained by the novel arrangement and construction of parts hereinafter fully described and shown in the accompanying drawing, in which:—

Figure 1, is a perspective view of my improved hairpin. Fig. 2, is an edge view of the same.

Referring to the drawing, A indicates my improved hairpin which is preferably formed of metal, having a rounded head A', provided with the prongs B, C and D. The two outer or side prongs B and D, have their end portions bent laterally in one direction as clearly shown at B' and D', while the middle prong has its end portion bent laterally in a reverse direction as clearly shown at C'. Midmost of its length the prong C is curved as at C² so that when forced into the hair, the hair will enter said portion and prevent the pin from slipping out.

By arranging the prongs in this manner it will be seen that as the pin is forced into the hair, the central prong will give in one direction, and the side prongs in another direction, so as to allow the hair to pass between the same, so that after it has entered the hair, the tension of the prongs shall cause them to assume their normal parallel position, so as to crimp the hair or bind the same

between the prongs, so that the pin will be securely held therein.

From the foregoing description it will be seen that I have provided a hairpin with three prongs instead of two, the prongs being provided with oppositely projecting ends, whereby when forced in the hair the prongs will have a binding action on the hair, so as to hold the hairpin therein and prevent the same from slipping out.

While I have shown and described a hairpin formed of a single piece of metal, it will be readily understood that it can be formed of an ordinary wire hairpin by inserting a central prong. It will also be seen that when the prongs spring back into their normal position, the laterally projecting ends will act to prevent the withdrawal of the pin.

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

1. A hair pin having a head formed with a plurality of prongs, all of said prongs having the upper parts of their lower portions in the same plane, the extremities of a number of said prongs being bent laterally in one direction and the extremities of the remainder of the prongs being bent away from the extremities of the first named prongs.

2. A hair pin having a head formed with three prongs, all of said prongs having the upper parts of their lower portions in the same plane, the extremities of the side prongs being bent laterally in one direction and the extremity of the middle prong being bent away from the extremities of the side prongs.

3. A hair pin having a head formed of three prongs, all of said prongs having the upper parts of their lower portions in the same plane, the extremities of the side prongs being bent laterally in one direction and the extremity of the middle prong being bent laterally away from the extremities of the side prongs, the central prong at its middle being bent outward to form a curved portion adapted to engage the hair.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

AUGUSTUS GEORGE NEEDS.

Witnesses:

R. H. KREUKEL,
CHAS. E. POTTS.