

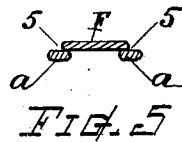
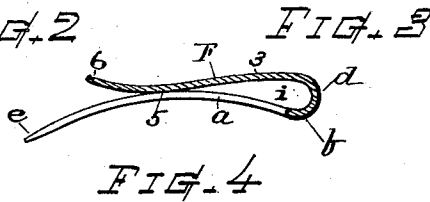
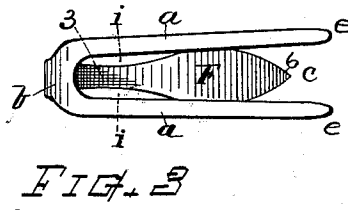
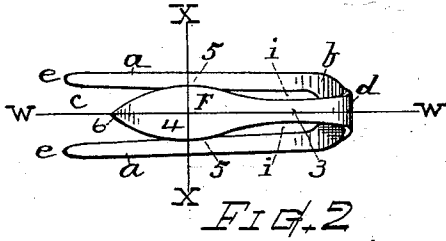
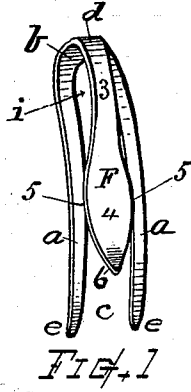
No. 628,596.

Patented July 11, 1899.

A. L. BATES.
HAIR FASTENER.

(Application filed May 9, 1899.)

(No Model.)



Witnesses—

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UNITED STATES PATENT OFFICE.

ALONZO L. BATES, OF LEOMINSTER, MASSACHUSETTS, ASSIGNOR TO ALBERT W. WILLIAMS, OF SAME PLACE, AND GEORGE L. WINN, OF JERSEY CITY, NEW JERSEY.

HAIR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 628,596, dated July 11, 1899.

Application filed May 9, 1899. Serial No. 716,168. (No model.)

To all whom it may concern:

Be it known that I, ALONZO L. BATES, a citizen of the United States, residing at Leominster, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Hair-Fasteners, of which
5 the following, together with the accompanying drawings, is a specification sufficiently full, clear, and exact to enable persons skilled
10 in the art to which this invention appertains to make and use the same.

The object of my present invention is to provide a convenient, desirable, and efficient
15 coiffure pin, clasp, or fastener having means, as described, for retaining the fastener in the hair and for confining loose or flying hairs.

To this end my invention consists in the improved article of manufacture contrived
20 as a hair-fastener or coiffure-pin and embodying the peculiarities of structure and effect specifically pointed out and explained in the following detailed description and shown in the accompanying drawings, wherein—

Figure 1 is a perspective view representing
25 my improved article. Fig. 2 is a top plan view. Fig. 3 is an under side view; Fig. 4, a longitudinal section at line W W, and Fig. 5 a transverse section at line X X on Fig. 2.

My improved article is preferably made
30 from celluloid, horn, or similar suitable material; and it consists of a pin or furcated portion formed with two prongs *a a*, integrally united at their head *b* and standing some distance apart to afford an interspace *c* between
35 them, the prongs being disposed nearly parallel, but preferably slightly spread toward their points *e e*. The prongs are best more or less curved in their common plane, as shown.

Integral with the head portion at *b* and bending
40 over therefrom, as at *d*, I form a resilient tongue or spring member F, that returns along the back of the prongs *a*, inclosing or forming a wedge-shaped space or spaces *i* between the prongs and tongue adjacent to the head
45 bend *d*. The resilient tongue F is shaped with a narrow neck portion 3 near the head bend *d* and thence broadened laterally somewhat in the form of a leaf 4 or of ob lanceolate contour and of such dimension that its edges 5
50 at the broad part will contact with the respec-

tive prongs *a* at an intermediate position on their length or near the high part of their curvature, as shown. From the contacting
55 sides 5 the ob lanceolate form of the tongue converges to a rounded tip or pointed end 6, which is best slightly curved outward or in
opposite direction to the curvature of the prongs *a*. The resilient tension of the tongue
60 F is sufficient and so directed as to close the tongue down upon the back of the pin and to normally maintain the adjacency or contact
of its sides 5 with the prongs *a*; but said tongue
65 can be sprung outward to allow the hair to pass thereunder by the wedging pressure of the hair beneath the point 6 or by any pressure
sufficient to overcome the resilient tension of the material. The tongue F being
70 narrow at the neck 3 and then broadened and bent so as to contact, as shown, with the back of the prongs affords inclosed wedge-shaped
spaces or openings *i*, within which the hair
is quite securely confined by the closing tendency of the resilient tongue.

In the operation the flyings or loose hair is
75 collected beneath the tongue or in the space *i*, and the pin-prongs *a* are then inserted in the plaited or massed hair of the coiffure, some of which also occupies the space *i*, causing
the fastener to be retained in position
80 while it confines the loose hair or short tresses. Any stray or flying hairs can at any time be caught or passed under the upcurved point
of the tongue by a properly-directed sweep of
85 the hand without removing the fastener from the coiffure.

The tongue can, if desired, be ornamented
on its surface or given a decorative outline
somewhat varying from that shown as a matter
90 of design, preserving, however, the essential features of the narrow neck and the broadened portion with contacting sides 5, in effect
as described.

I am aware that different styles of pins and
95 stick-combs have been heretofore devised having auxiliary prongs or bent-over ends, and I do not, therefore, herein broadly claim such features irrespective of the specific construction and manner of operation; but

What I claim, and desire to secure by Letters Patent, is—

1. The improved article of manufacture hereinbefore specified, comprising a hair-fastener made of horn, celluloid or similar suitable material, having a plurality of prongs *a* 5 integrally united at their top ends, and provided with an integral top extension bent outward and returned upon the prongs and forming a resilient downwardly-springing tongue, shaped narrow at its neck *b*, and spreading 10 near its end across the interspace of the prongs, its sides *c* adjacently overlying or disposed for contact with the respective prongs at an intermediate position of their length, substantially as set forth.

15 2. A coiffure-pin or hair-fastener made of celluloid, horn or similar material, and consisting of two curved prongs integrally united

at their head, and a resilient integrally-formed tongue bent outward from the united head, as at *d*, and extending along the back of the 20 pin with an inward-springing tension; said tongue formed of oblanceolate shape with a narrow neck, a broad leaf portion adapted for contact at its respective sides *e* with the backs of said curved prongs, and an outwardly-curved tip end *f*, said prongs and 25 tongue embracing the wedge-shaped spaces *g*, substantially as shown and described.

Witness my hand this 29th day of April, 1899.

ALONZO L. BATES.

Witnesses:

A. A. RICHARDSON,
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