No. 763,215. PATENTED JUNE 21, 1904.

J. J. SMITH.

HAT FASTENER.

APPLICATION FILED SEPT. 12, 1903.

NO MODEL.

Fig. 1.

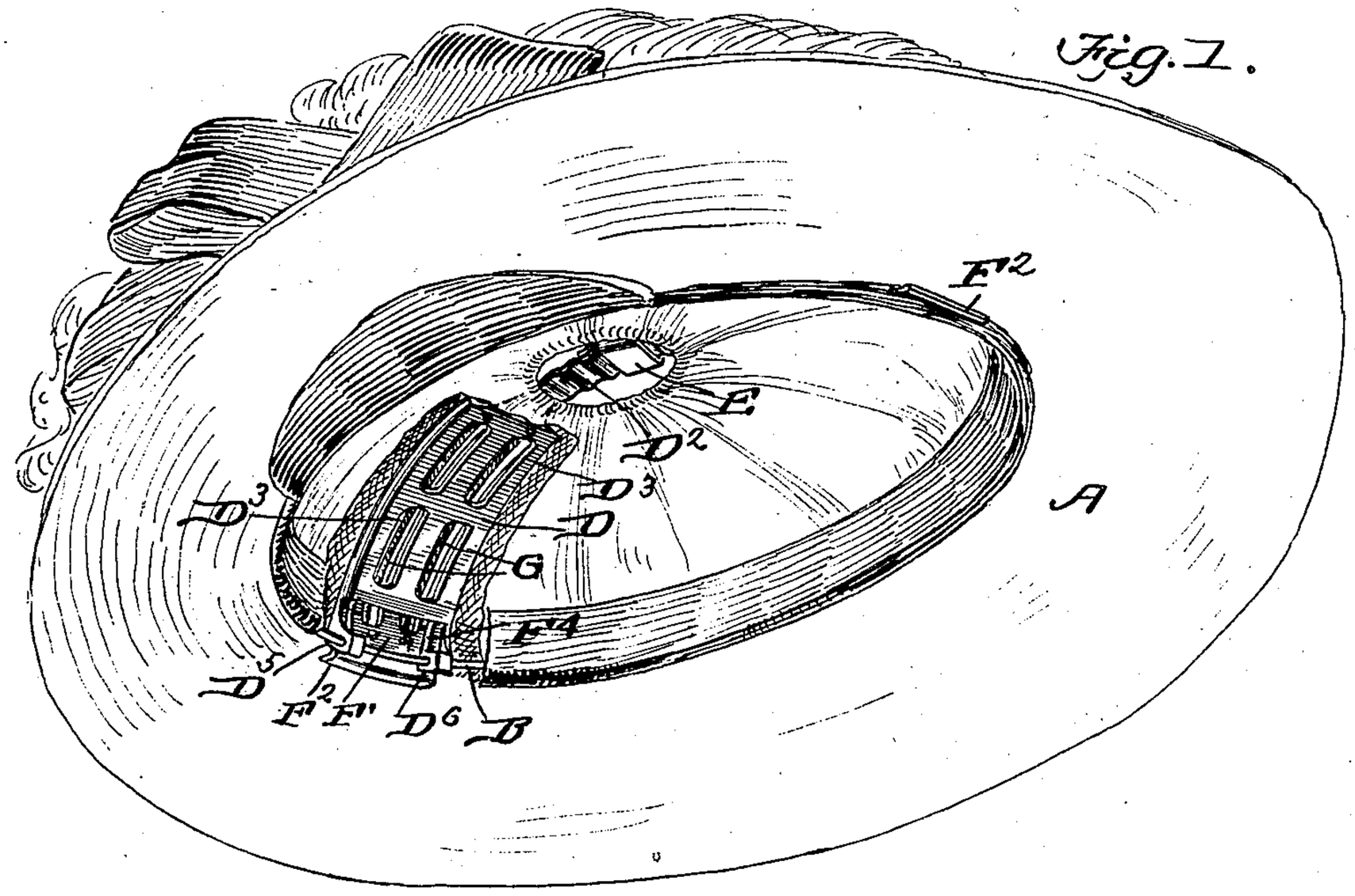


Fig. 2.

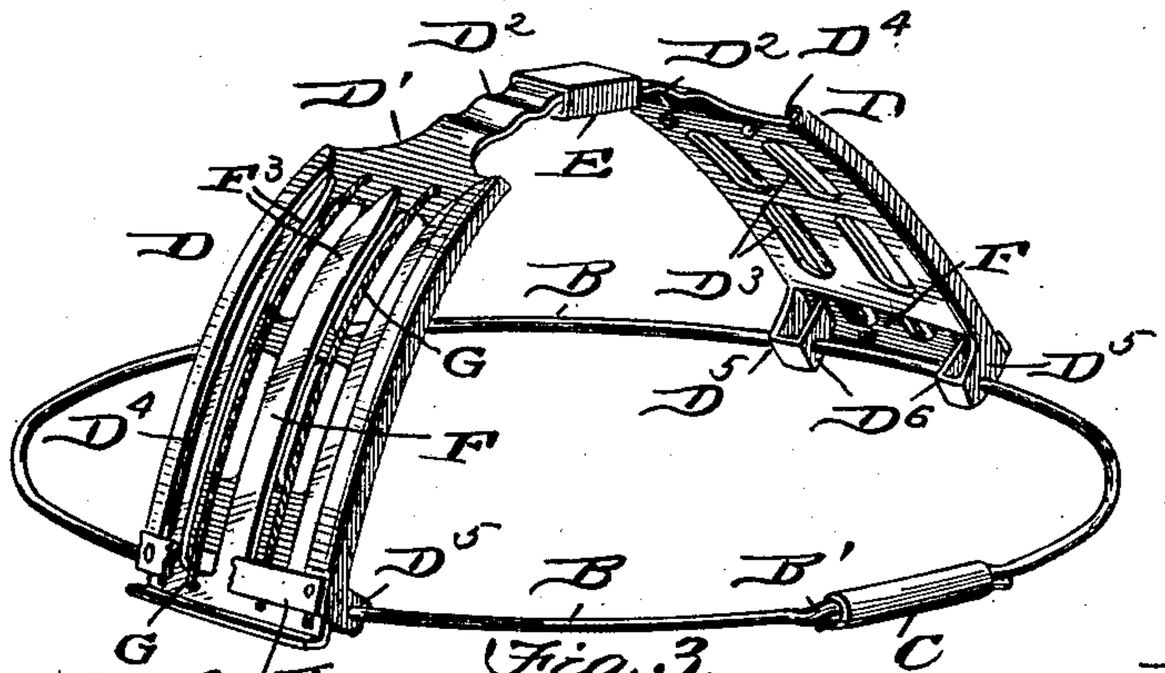


Fig. 3.

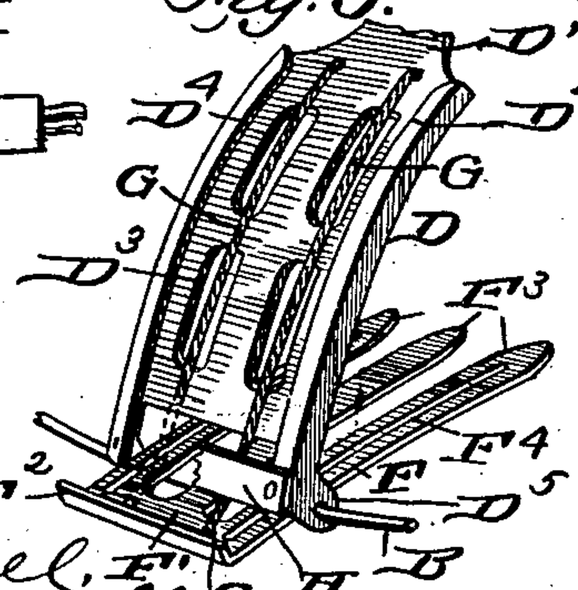


Fig. 4.

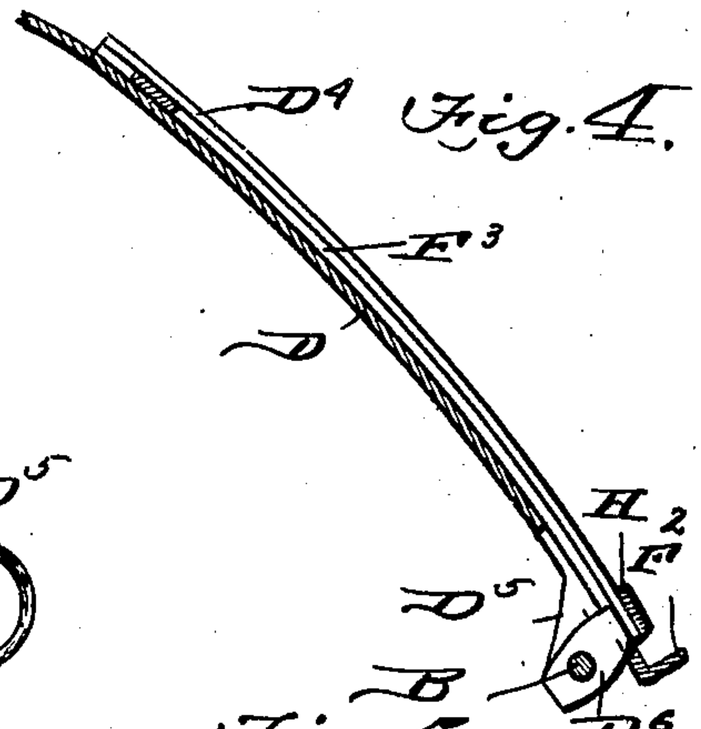


Fig. 5.

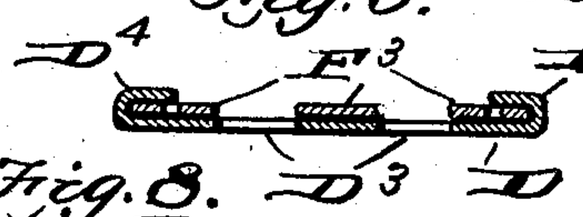


Fig. 6

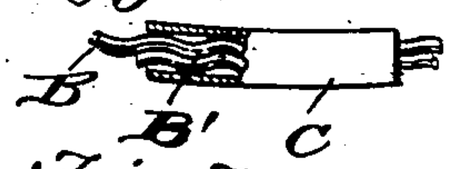


Fig. 7.

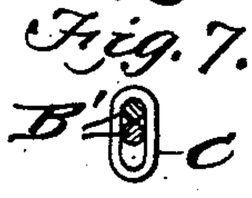


Fig. 8.

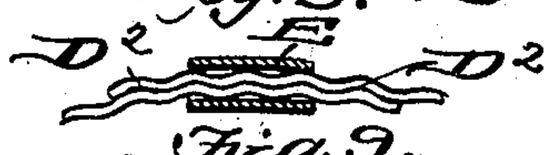
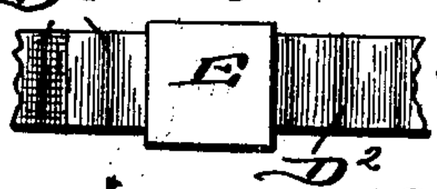


Fig. 9.



Witnesses

M. L. Woodell,

Clarence Shaw,

Inventor

J. J. Smith,

By Albert G. Brock

Attorneys.

No. 763,215. Patented June 21, 1904.

UNITED STATES PATENT OFFICE.

JAMES J. SMITH, OF ENID, OKLAHOMA TERRITORY.

HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 763,215, dated June 21, 1904.

Application filed September 12, 1903. Serial No. 172,937. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. SMITH, a citizen of the United States, residing at Enid, in the county of Garfield, Oklahoma Territory, have invented a new and useful Improvement in Hat-Fasteners, of which the following is a specification.

This invention is an improved construction of hat-fastener adapted to be attached to the interior of a woman's hat beneath the lining for the purpose of enabling the hat to be quickly and easily secured upon the head without the use of ordinary hat-pins now employed for that purpose.

Another object of the invention is to provide a device which when not in use will be concealed beneath the lining of the hat, but which can be quickly and easily put into operation while the hat is being adjusted properly upon the head.

With these objects in view the invention consists, essentially, of a pair of combs carried by comb-guides, said comb-guides being adjustably connected at their inner ends and pivotally connected to the adjustable band or ring secured in the crown of the hat.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a view showing my invention applied to the hat, a portion of the lining being broken away to disclose the comb and comb-guide at one side. Fig. 2 is a detail perspective view of the device disconnected from the hat. Fig. 3 is a detail perspective view showing the position the comb assumes when used for fastening the hat. Fig. 4 is a detail sectional view taken through the comb-guide. Fig. 5 is a sectional view on the line 5 5 of Fig. 4. Figs. 6 and 7 are detail views illustrating the manner of connecting the ends of the ring. Figs. 8 and 9 are detail views illustrating the manner of connecting the inner ends of the comb-guides.

Referring to the drawings, A indicates an ordinary hat, to the interior of which and beneath the lining is secured an adjustable ring B, the overlapping ends of said ring being corrugated, as shown at B′, said corrugated ends being held in engagement by means of a sleeve C, which may, if desired, be soldered or otherwise connected to one of the corrugated ends, and it will be understood that the ring can be adjusted to suit various sizes of hats, and after the ends have once been adjusted they will remain locked in that position. This ring B has two oppositely-disposed comb-guides D, pivotally connected thereto, the inner ends of said guides being reduced, as shown at D′, and corrugated, as shown at D^2, said reduced and corrugated ends overlapping each other, and the coupling-sleeve E is employed for securely locking the overlapped ends, and it will thus be seen that the comb-guides can be adjusted toward or away from each other, so as to fit various shapes of hat-crowns. The body portions of the comb-guides are punched out, as shown at D^3, for the purpose of making the said guides lighter; but it will of course be understood that this is not absolutely necessary. Guideways D^4 are formed at each side, said guideways terminating in ears D^5, through which the band B passes, said ears being bent back upon themselves, as shown at D^6, said return portions serving to guide the movement of the combs, as hereinafter explained. There are two combs F, one carried by each guide, each comb comprising a body portion F′, which is bent upwardly or outwardly at its outer end, as shown at F^2 and the teeth or prongs F^3, the outer ones being slotted longitudinally, as shown at F^4, in which the return portions D^6 of the guides work when the combs are moved up and down in the guides.

G indicates the elastic cords or bands which are connected at their upper ends to the upper portions of the comb-guides and at their lower ends to the body portion F′ of the combs, said elastic cords or bands passing under a cross-bar H, which connects the guideways D^4. These elastic cords or bands are intended to hold the combs in the guide, as shown in Figs. 1 and 2, when they are not employed for fastening the hat to the head, and these cords or bands also serve to hold the combs in the hair while in use, inasmuch as tension is applied in a direct line with the

outer ends of the comb, inasmuch as the elastic cords or bands pass beneath the cross-bar H, which is arranged practically on a line with the body of the comb when in use.

The device illustrated in Fig. 2 is attached to the interior of the hat-crown, as shown in Fig. 1, and when desired to fasten the hat to the head the flanged ends F^2 of the comb are grasped as the hat is placed upon the head and the combs pulled downwardly until the ends of the teeth clear the guideways, and the combs are then turned to the position shown in Fig. 3 and projected into coils of the hair, and the tension of the elastic cords upon the combs will serve to hold them in that position. When it is desired to remove the hat, the combs are pulled outwardly and the inner ends of the teeth directed into the guideways, and thus released, and the elastic cords or bands will immediately draw the said combs up into the guides, as shown in Figs. 1 and 2.

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

1. A hat-fastener comprising an adjustable ring, having corrugated overlapping ends, and a sleeve surrounding said overlapped corrugated ends, a pair of comb-guides pivotally arranged upon the ring and having reduced corrugated and overlapping inner ends surrounded by a sleeve, the combs arranged to slide in the guides, and the elastic connection between the guides and combs, as set forth.

2. A hat-fastener comprising an adjustable ring, a pair of comb-guides, each guide having a reduced corrugated inner end, guideways at each side, pivot-ears and guiding return portions connected with the pivot-ears, combs each comprising a body portion and teeth, the body portion being bent at its outer end, the outer teeth being slotted longitudinally, the elastic bands connecting the upper portions of the guides to the body portions of the combs, and the cross-pieces connecting the guideways of the guides, substantially as described.

3. A hat-fastener comprising a pair of comb-guides, having their upper ends adjustably connected together, a ring supporting the comb-guides, combs arranged within said guides, and elastic bands connecting the combs with the guides, as set forth.

4. A hat-fastener comprising an adjustable ring, a pair of guideways pivotally mounted on the ring, the pivot of the guideways having projecting portions each guideway having reduced corrugated outer ends, a sleeve on said ends, combs having their outer teeth slotted, in the slots of which the projecting portions of the guideways work, and elastic bands connecting the combs with the guideways and adapted to hold the combs in an inclined or horizontal position, as set forth.

5. A device of the kind described comprising a ring, inwardly-curved comb-guides pivoted to the ring diametrically opposite each other, a sleeve connecting the inner ends of the comb-guides, combs adapted to be supported by the guides and to be moved upwardly and inwardly, and elastic bands connected at one end to the guides and at their opposite ends to the combs.

JAMES J. SMITH.

Witnesses:
JOHN R. CONKLIN,
NEWTON BURWELL.