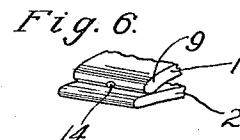
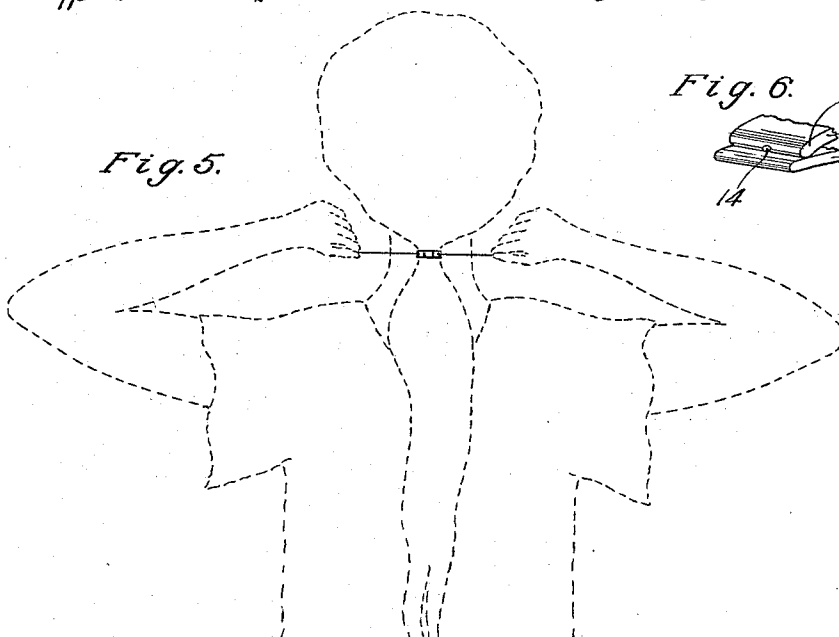
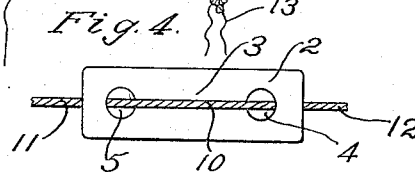
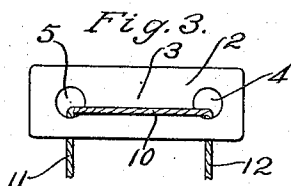
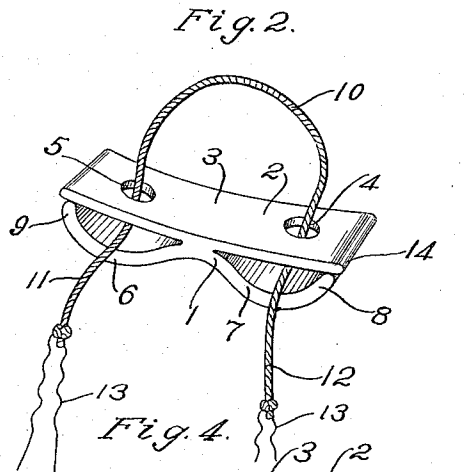
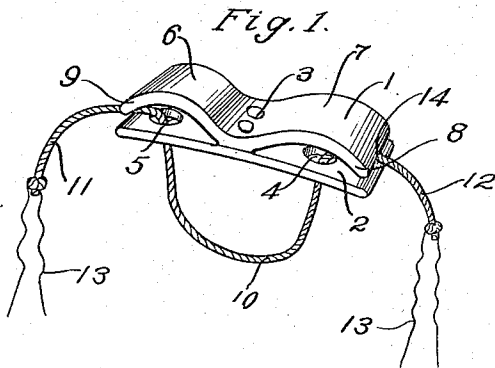


G. A. GLEESON.
HAIR FASTENER.
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GEORGE A. GLEESON, OF CHICAGO, ILLINOIS.

HAIR-FASTENER.

1,146,934.

Specification of Letters Patent.

Patented July 20, 1915.

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To all whom it may concern:

Be it known that I, GEORGE A. GLEESON, a citizen of the United States of America, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Hair-Fasteners, of which the following is a specification.

The main objects of this invention are to provide an improved form of hair tie or fastener; to provide a hair tie of this character that is easily and quickly attached and removed that will firmly grip and hold the hair and that will not tangle and break the hair during the securing and releasing thereof.

An illustrative embodiment of this invention is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the fastener with the cord or hair binding member gripped by the fastener. Fig. 2 is an inverted perspective view with the cord in released position. Fig. 3 is a bottom plan view with the cord in released position. Fig. 4 is a bottom plan view, the cord being gripped by the fastener. Fig. 5 is a view showing one application of the device, the hair and figure of the person using the tie being shown in dotted outline. Fig. 6 is a fragmentary detail.

In the handling and taking care of a woman's hair, it is customary and desirable, especially upon retiring, to undo the hair, gather it together, and fasten it by some means. This is ordinarily accomplished by tying a string or ribbon around the strands of hair. Also oftentimes in arranging the coiffure in some particular style or fashion, a plait or the whole mass of hair is tightly fastened with a string or ribbon at a certain point to obtain the desired effect. During the tying or untying of such string or ribbon, the hair oftentimes becomes entangled therewith and some portion of it is broken off, leaving many short and straggling hairs. With the use of the herein described device, the above mentioned and other inconveniences, such as holding the hair while knotting the string or ribbon, are overcome.

In the construction shown in the drawings, the fastener comprises the superposed plates 1 and 2 which may be integral or secured together at 3. The plates 1 and 2

are preferably formed from celluloid, tortoise shell, vulcanite or other appropriate material. Holes 4 and 5 in which a hair binding cord 10 is reeved, are formed in the base 2 and serve as guides for the cord, and the top 1 is bowed away from the base 2 adjacent to the holes 4 and 5 as at 6 and 7 to normally permit free movement of the cord. The ends 8 and 9 of the top 1 and base 2 against which the ends yieldingly bear, form clamps or jaws for retaining cord 10 in set position, said base or top, or both, being formed of slightly resilient material. The inwardly curved ends 8 and 9 of the top 1 are also provided with recesses or shallow longitudinally extending grooves 14 which are in alinement with the center of the holes 4 and 5, and serve to retain in centered position the ends of the cord or other flexible binding member 10, which encircles and grips the hair. The ends 11 and 12 of said cord pass through the holes 4 and 5 of the base 2 and preferably have secured thereto hair pins 13.

In the operation of the device, the hair to be fastened is passed through the loop of cord 10 and then the ends 11 and 12 of the cord are grasped, as shown in Fig. 5, and pulled outward longitudinally of the fastener in alinement with the guides 4 and 5. This tension draws the loop of the cord tightly around the hair and at the same time pulls the cord out between the base and ends 8 and 9 of the top, thereby spreading them apart and causing them to engage the cord as shown in Figs. 1 and 4.

The holes 4 and 5 are of considerably larger diameter than the binding member, and serve as means for centering the cord when tension is brought upon it in a longitudinal direction, and the groove 14 in the member 2 retains the cord in centered position and prevents it from accidentally slipping from between the ends of the top and base. The free ends 11 and 12 of the cord may then be fastened out of the way or utilized in holding the hair in the desired arrangement by means of the hair pins 13.

When it is desired to release the fastener from the hair, the ends 11 and 12 of the binding member 10 are pulled transversely of the fastener, as shown in Fig. 2. This releases the grip of the fastening members on the cord as the top and base are bowed

apart sufficiently at the points 6 and 7 to permit the free and easy running of the cord.

From the foregoing it may be seen that with the present device a straight pull on the end of the binding cord is all that is required to tighten the loop of the cord and secure it. Thus in effect, the device operates much in the manner of a slip knot, but the cord remains in its set position and is not difficult to release. Many other forms of fastening clips of this general class, such as employed in tying packages, require first the tensioning of the cord and then a separate operation to secure its end.

Although but one specific embodiment of this invention has been herein shown and described, it will be understood that some of the details of the construction shown may be altered or omitted without departing from the spirit of this invention as defined by the following claims.

I claim—

1. A hair fastener, comprising two pairs of outwardly facing gripping jaws and provided with openings intermediate said jaws, and a flexible binding member in the form of a loop the ends of which pass through said openings and are adapted to engage one with each pair of jaws, whereby said member is adapted to be firmly gripped by the jaws when the ends are pulled in aline-

ment with each other and to permit said member to freely reeve through the fastener when relieved from the jaws.

2. A hair fastener, comprising a pair of outwardly facing gripping jaws and provided with an opening intermediate said jaws, and a flexible binding member in the form of a loop, having an end passing through said opening and adapted to engage with said pair of jaws, whereby said member is adapted to be firmly gripped by the jaws when the ends are pulled in alinement with each other and to permit said member to freely reeve through the fastener when relieved from the jaws.

3. An article of manufacture, comprising a pair of superimposed members joined at substantially the middle parts thereof, one of said members having apertures therein located on opposite sides of the point of junction of said members, said members being bowed away from each other at the location of said apertures and being shaped to bear yieldingly against each other at points beyond and in alinement with said apertures.

Signed at Chicago this 31st day of December, 1914.

GEORGE A. GLEESON.

RUDOW RUMMLER,
M. IRENE HUTCHINGS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."