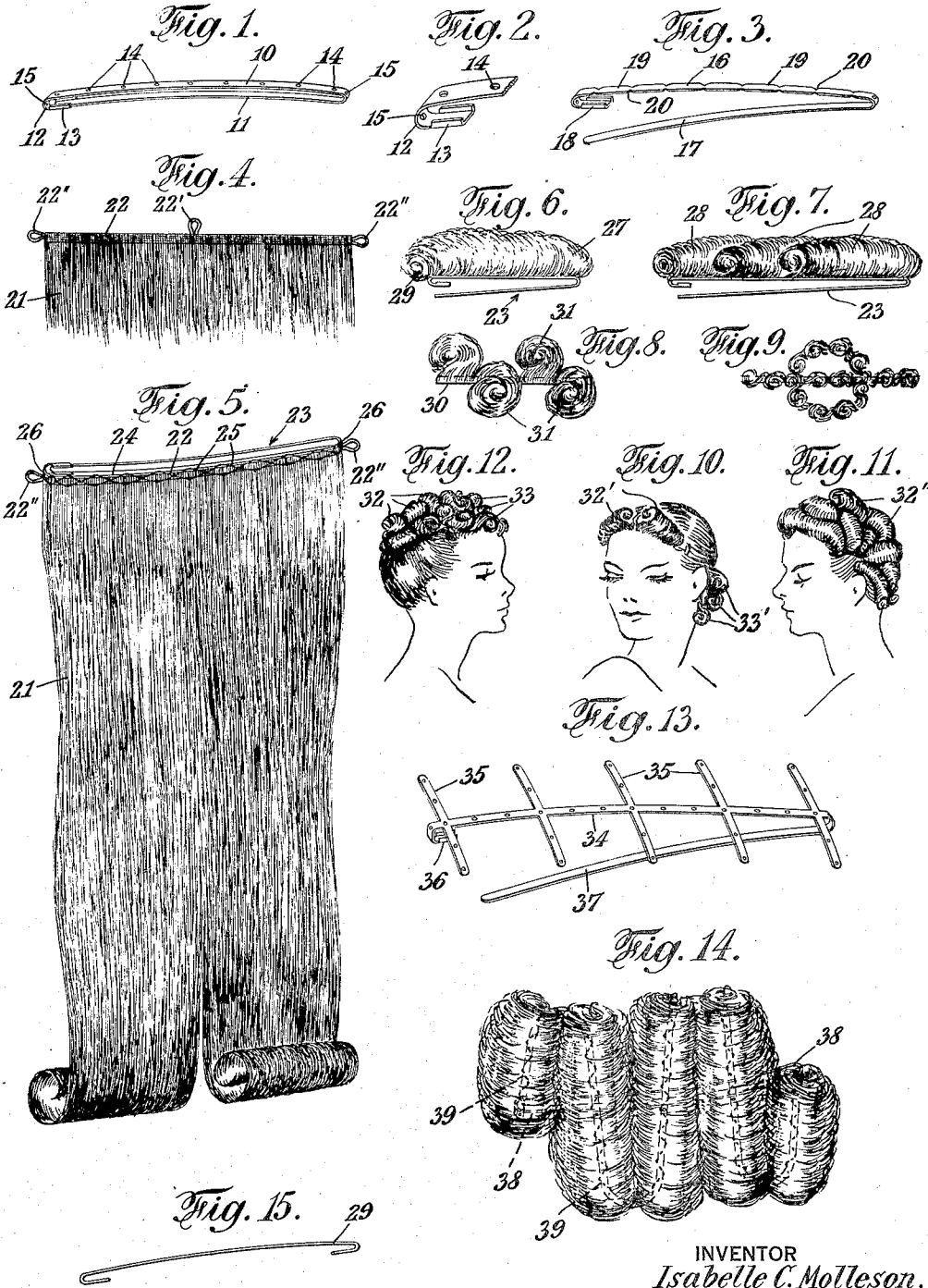


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HAIR DRESSING APPLIANCE  
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## HAIR DRESSING APPLIANCE

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This invention relates to hairdressing appliances in general, and especially to means for attaching to the life hair of a person, ornamentations, made either from dead or artificial hair, in the form of puffs, curls or the like, to either enhance the appearance of a hairdress, or to provide fullness and attractiveness to a hairdress when the growing or life hair of the wearer is scant.

One of the objects of this invention is to provide a device of simple, inexpensive and light construction, provided with means for securely holding it to growing hair, and with means for attaching to the device the finished or woof end of a hair strand in such a way that the hair of the strand will completely cover and render indiscernible the device while being worn.

Another object of this invention is to provide a combination between a light, quickly attachable and as quickly detachable, but safely holding hair support, and a hair strand, one end of which latter is held together by a woof formation, and wherein this woof formation may be united by means of threads or the like to the support so that the entire device when worn will conceal the support at any position at which it is placed on the living hair.

The foregoing and still further objects and advantages of the present invention will become more fully apparent from the following specification in conjunction with the accompanying drawing, which latter forms a part of my disclosure, and are designed for illustrative purposes only, without the intent to limit me to the exact constructions shown.

In the drawing:

Fig. 1 is a perspective view of one of the presently preferred forms of my hair support.

Fig. 2 is an enlarged detail view of the locking end of my device.

Fig. 3 is a modified form of a hair support.

Fig. 4 illustrates the woof end portion of a hair strand.

Fig. 5 is a perspective view of my device to which a strand of hair, provided at one end with a woof, is secured by threads or the like.

Fig. 6 illustrates a hair puff made from a hair strand attached to my support.

Fig. 7 illustrates a formation of a plurality of puffs made from a strand secured to my hair support.

Fig. 8 shows a curl formation secured to my support.

Fig. 9 is a modified form of a support with an ornamental modification of a curl formation.

Fig. 10 illustrates a hairdress consisting of puffs and curls attached to living hair.

Fig. 11 illustrates another hairdress, consisting of an arrangement of variously disposed puffs.

Fig. 12 illustrates still another hairdress, wherein artificial puffs and curls are arranged in a different manner.

Fig. 13 illustrates a modified form of a multiple hair support.

Fig. 14 illustrates a formation of a series of puffs made from a wide hair strand, wherein the woof end thereof is attached in a wave-like fashion to a single support, and

Fig. 15 is a detail view of means whereby an artificial hair puff may be held in shape.

Referring now specifically to the illustrations, in Fig. 1 is shown a hair strand support consisting of a narrow strip of resilient material, which is bent upon itself so as to form an upper, hair accommodating member 10 and a lower, attaching member 11, which two members are intended to cooperate with one another. The bent over portion 12 of the upper member terminates in a pocket or channel-shaped lock 13, clearly seen in detail in Fig. 2, which pocket serves for the reception of the free end of lower member 11. The upper member is provided with a plurality of perforations 14 and end perforations 15, intended for the reception of threads, wire or other attaching means, whereby a hair strand may be secured to the upper member.

A modified form of my hair support is illustrated in Fig. 3, wherein again the device consists of an upper member 16 and a lower member 17, also made of light, flat, resilient material. The locking end 18 is shaped similarly to that described in connection with Figs. 1 and 2. The upper member is provided at its edges with scallops 19, whereby reduced portions 20 are formed. These reduced portions serve for the attachment of threads, wire or other means, whereby a strand of hair may be secured to the pin. The free end of lower leg or member 17 is adapted to cooperate with locking end 18 of the upper member.

The arrangement of the channel-shaped locking pocket of the upper members in both constructions described above is intended to prevent inadvertent disengagement of the two members, once they are secured to the life hair of the wearer. In order to unlock the two members, it is required to press the free end of the lower member against the upper member, so that it will clear the flanges of the locking pocket, whereupon the lower member is thrust sideways and out of engagement with the pocket.

In Fig. 4 I have illustrated the upper portion of a hair strand 21, showing how the hair ends are united through a woof formation, indicated at 22, whereby the hair strands may be attached, by threads, wire or the like to anyone of the hair supports of my construction. Extending from the woof formation are loops 22', and end loops 22'', the purpose of which will be explained presently.

The attachment of a hair strand 21, by means of woof 22, to a supporting pin of my construction is illustrated in Fig. 5, wherein the pin or hair support 23 is shown in perspective. It will be seen that the woof of the hair strand is secured to the upper or outer hair supporting member 24 by means of threads or wires indicated at 25. The hair of the woof covers the entire length, and extends over the bent ends of upper member 24, as clearly indicated at 26. From the ends of woof 22 extend ears or loops 22'' which are firmly secured by thread or wire to the end apertures provided at the bent portions of the pin. When the hair strand is wound to form a puff, such as indicated at 27 in Fig. 6, the hair will assume a fan-shape formation, and the ends of the puff will completely conceal pin 23.

In Fig. 5 I have indicated at the lower end of hair strand 21, that the strand may be divided into two portions, from which two individual puffs may be formed. Obviously, if the hair strand is somewhat wider, it is possible to produce from it more than two puffs, as clearly illustrated in Figs. 7 and 14, or a plurality of curls, as seen in Fig. 8, or a combination of puffs and curls as seen in Fig. 12. In Fig. 7, for example, a pin or support 23 is shown, from which extend three hair puffs 28, made from one strand.

For holding the puffs in their intended position, I preferably pass through end loops 22'' of the woof, and through the formed puff either hairpins or a flexible, covered wire, such as indicated at 29, and shown in detail in Fig. 15. When wire 29 is used, its ends are bent over and under the puff bottom, so as to conceal it from view. The wire end may be also bent inwards, that is into the puff interior. With the puffs thus formed and held in their intended position, the puff support may be readily inserted and fastened to life hair in any suitable position, as clearly illustrated in Figs. 10, 11 and 12.

When it is desired to either add to the attractiveness of a hairdress, or to give the impression of an abundance of hair where there is a deficiency of natural life hair, it is quite obvious that other forms of artificial hair ornamentations may be produced, by using my new combination of a light-weight, easily concealable hair support and artificial hair strands. Thus in Fig. 8 I have illustrated a hair support 30 to which a relatively short strand of hair is attached, and which is divided into a plurality of strand portions from which hair curls 31 are formed. A modified curl formation is illustrated in Fig. 9 to indicate that a number of varied ornamentations may be produced by the employment of my device.

While in Figs. 6 and 7 are illustrated hair puffs, and in Figs. 8 and 9 curls are shown, it is quite obvious that a combination of puff and curl formations may be readily provided, as is indicated, for example, in the hairdress presented in Fig. 12, wherein puffs 32 and curls 33 are produced from a single, relatively wide hair strand, secured to a relatively long hair supporting pin of my construction.

In Fig. 10 I have indicated a hairdress con-

sisting of individual puffs 32', arranged at the front top, and a cluster of curls 33' at the rear bottom, while the hairdress in Fig. 11 represents a multiple arrangement of puffs 32'' only, which may be supported by a different construction of my device.

Such construction of a modified hair strand support is illustrated in Fig. 13, where I employ, instead of a single continuous bar, a skeleton bar consisting of a longitudinal member 34 and a plurality of cross members 35 extending from the latter. Member 34 again terminates in a locking instrumentality 36, similar to that described before, while the operative end 37 of the pin represents a single bar intended to be passed beneath the life hair of the wearer, and to interlock with locking instrumentality 36. When a support of the construction illustrated in Fig. 13 is employed, a plurality of individual hair strands, or a hair strand of substantially greater width may be used, and suitably attached to the various cross members of the pin, thereby facilitating the formation of puffs and curls in all directions.

Similar results may be obtained by the use of a relatively long, single, slender hair supporting pin, such as illustrated in Fig. 14 at 38, to which is attached a continuous, especially wide strand of hair. One end of the hair strand terminates in the usual continuous woof formation, indicated at 39, and is provided with a plurality of loops, similar to those indicated at 22' and 22'' in Figs. 4 and 5. These loops may serve as attaching means for the hair strand, in that the supporting portion of pin 38 is slipped through them, after arranging the woof, in a substantially zigzag or wave-like fashion, and crosswise in respect to the pin. Thereupon individual puffs or curls may be formed and set in place, as clearly illustrated. In such arrangement the woof end of the hair strand is made preferably of firmer construction, and may be reinforced for stiffening it.

From the foregoing description, it will be quite clear that in everyone of the illustrated hair strand supports I employ devices of light-weight construction, substantially in the form of a detachable pin, made of a single piece of resilient material, preferably in the shape of an elongated, narrow flat strip, which is provided with a securely operating locking instrumentality, by means of which the pin is held in place against pull or displacement, once it is attached to living hair.

It is also clear from the above description that I provide, in combination with my hair supporting pin, a hair strand having at one end a woof formation, designed for securing the latter to the pin, and that the attachment of the hair strand may be accomplished either by means of threads, wires, or the like, or by using the loops 22' and 22'' extending from the woof formation.

Due to the woof finish at the attachable end of the hair strand, it is also made possible to reuse the hair time and time again, to comb it, if necessary, and to subsequently reshape it to any desired configuration of puffs or curls, or a combination of both, while being either free, or while being still attached to living hair.

One of the essential requirements of my invention is the lightness of the device, and its simple but positive construction for attaching it to, or detaching it from life hair, whereby it is made possible to change a hairdress at short notice to meet any occasion.

While I have shown in the drawing specific forms of my invention, it is to be understood that changes and variations may be readily made therein to meet different requirements, and I therefore reserve for myself the right to make such changes and improvements which may become necessary, without departing from the broad scope and intent of my idea, as expressed by the annexed claims.

I claim:

1. In a hairdressing appliance, a relatively light-weight, narrow, elongated, one-piece hair supporting instrumentality, adapted to be readily attached to, locked in position or readily detached from life hair, said instrumentality being provided with means for facilitating the association therewith of the finished or woofed end of a strand of dead hair, said instrumentality consisting of a single flat strip of resilient material, bent upon itself to form two legs, the end of one leg constituting a locking pocket for the reception of the free end of the other leg.

2. The combination with a woof-finished hair strand support consisting of a relatively narrow or the like in the hair-dressing art, of a hair strand supporting consisting of a relatively narrow, one-piece flat strip of resilient material, bent upon itself to form upper and lower legs, the upper leg having a locking pocket for the reception of the free end of the lower leg, and means provided with the upper leg for facilitating the attachment, by means of threads or the like, of the woof end of the hair strand, so that the latter, when formed into puffs, curls or the like will completely conceal said support.

3. In a support for a hair strand with a woof-finished end, an elongated, resilient, narrow, strip-like formation, bent upon itself to form

upper or exterior and lower or hair engaging members, the upper member having locking means for the free end of the lower member and being provided with a series of thread accommodating means for facilitating the attachment thereto of the woof-finished hair strand end, said thread accommodating means extending to the extreme ends of said member.

4. In a support, as set forth in claim 3, said thread accommodating means being in the form of spaced perforations.

5. In a support, as set forth in claim 3, said thread accommodating means being in the form of a spaced scallop formation along the edges of the upper member, and perforations at the extreme ends of the latter.

6. The combination with narrow, light-weight, hair strand supporting means, made from one piece of resilient, flat strip material, having interlocking ends, and provided at its hair supporting portion with means for accommodating attaching thread, wire or the like, of a hair strand having a woof-finished end, thread or the like uniting the finished hair strand end with said supporting portion so as to completely conceal the latter, and means for holding the unfinished portion of the hair strand in any position or shape imparted thereto.

7. The combination with a narrow, resilient, light-weight, lockable hair strand support, of a hair strand having a woof finish at one end, loops extending from the finished hair strand end, a plurality of thread accommodating means provided at the upper portion of the support, the woof end of the hair strand being arranged in a wave-like fashion in respect to said support and means securing the hair strand to said support.

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