Sept. 13, 1966 H. E. HASSELBUSCH, JR 3,272,208

HAIR SPRAY SHIELD WITH COMB AND HAIRPIN REMOVER

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Fig. 3

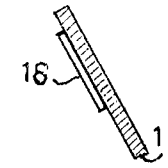


Fig. 2

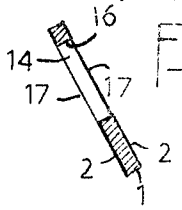


Fig. 4

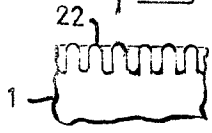


Fig. 1

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HAIR SPRAY SHIELD WITH COMB AND HAIRPIN REMOVER

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This invention pertains to devices that are useful in hairdressing operations. It is particularly concerned with an improved hair spray shield.

While the shield of the present invention may be used by the individual in dressing her own hair, it is, however, especially suited for use in beauty shops as an aid to the operator when using sprays in dressing a woman's hair.

In the process of dressing and setting a woman's hair to a particular style the hair is combed, and initially set with hairpins, as needed, until the desired form of the hair is obtained. Then, the hair is finally set or fixed in this desired form by spraying it with a hair setting liquid. The spraying operation is delicately handled by the operator so as not to cause discomfort to the customer by getting the spraying liquid upon her face and clothing. As the spraying process progresses, hairpins no longer required to hold the hair in place are removed. At times, further hairpins are required to hold down an unruly strand of hair until it has become set by the hair spray. The busy operator often allows hairpins picked from the hair to drop to the floor; often, when a hairpin is needed he will pick it up from the floor or from wherever conveniently located. Also, at times it becomes necessary for the operator to comb back in place hair that has become displaced because of its being unruly or as a consequence of the removal of a hairpin. An object of the present invention is to provide practical means enabling the operator to rapidly perform these various functions with a minimum of effort.

A more particular object of this invention is to provide a hair spray shield of such construction that it can be used to perform the several functions of shielding the person adjacent the hair from hair spray, picking hairpins out of the hair, picking hairpins up from a surface, and combing the hair when required.

In accordance with this invention there is provided an improved hair spray shield which is adapted to be held in one hand by the operator for shielding purposes while he holds a hair spraying device in his other hand, and which shield while so held can be used to pick a hairpin out of the hair, pick a hairpin up from a surface, or comb displaced hair back in place.

A feature of the shield of the present invention is a hook formation thereon which can be used by the operator to pick hairpins from the hair.

Another feature of this invention is a magnet component of the shield which can be used by the operator to magnetically pick hairpins up from a convenient surface.

A still further feature of the shield of the present invention is its particular construction whereby it may be conveniently held in either hand for shielding purposes and for performing any of the functions earlier mentioned.

The foregoing and other objects and advantages of this invention will appear more fully hereinafter from a consideration of the detailed description which follows when taken together with the accompanying drawings wherein an embodiment of the invention is illustrated. It is to be expressly understood, however, that the drawings are for purposes of illustration and description, and they are not to be construed as defining the limits of the invention.

In the accompanying drawings:

FIG. 1 is a plan view showing one face of a hair spray shield embodying the invention; the opposite face is identical;

FIG. 2 is a sectional view taken on the line 2—2 of FIG. 1;

FIG. 3 is a view similar to that of FIG. 2 but showing another manner in which the magnet element may be associated with the shield; and

FIG. 4 is a detail showing a further form which the comb portion of the shield may take.

The hair spray shield embodying the invention and disclosed in the accompanying drawings consists of a panel **1** of firm lightweight material, such as cardboard, having a pair of opposed broad flat faces **2**. The panel is preferably about one-eighth of an inch in thickness. It is preferably of rectangular configuration; and I have found that a panel of approximately eight to nine inches long and a little less in width is a suitable size.

The shield has a finger hole **3** in the vicinity of a lower corner **4**, through which hole the forefinger of the operator may be freely extended. The lower portion of the side **5** of the shield neighboring the finger hole **3** is contoured as at **6** to enable the shield to be easily gripped or held in the palm of the hand in the manner of a pistol with the forefinger extending through the hole **3**. When the shield is thus held, the lower portion **7** of the contoured side limits against the palm of the hand and an upper outwardly etxending curved portion **8** overlies the upper edge of the hand between the thumb and forefinger.

The upper end of the side **5** of the shield, together with an upwardly extending adjacent portion **9** of the upper side **10** forms a pick or hook **11**. This hook **11** enables the operator using the shield to easily lift or pick hairpins out of a customer's hair. The nose end **12** of the hook is adapted to be inserted between the legs and beneath the bridge of a hairpin, as indicated in broken line at **13** in FIG. 1. When the hook is thus located in a hairpin, the operator then lifts the shield upwardly to carry the hairpin out of the customer's hair.

A magnet element **14** is fixed to the shield. The magnet is located in close relation to an edge of the shield. It is preferably located in that corner **15** of the shield which is located diagonally opposite to the corner **4** at which the shield is manually held. In FIG. 1 this magnet is shown as press fitted in an opening **16**. The magnet has a pair of opposed flat faces **17** which are exposed through and preferably flush with opposite faces **2** of the shield. The magnet serves as a means enabling the operator to magnetically pick up hairpins from the floor or other surface. To pick up a hairpin by means of the magnet the operator deftly maneuvers the shield so as to brush either face **17** of the magnet over the hairpin, causing the latter to be magnetically attached to the magnet. In FIG. 3 the magnet, designated **18**, is shown attached as by glue to one face of the shield.

A comb formation indicated at **19** is formed along the upper side **10** and along the adjacent side **20**. The comb is defined by a succession of fine teeth **21** extending transversely of the sides **10** and **20**. The comb serves as a means enabling the operator to comb into place any occasional strand of hair that may have become displaced during the spraying operation. Such hair displacement may occur as a consequence of the removal of a hairpin from the hair. It is noted that the corner **15** of the shield is rounded and that the comb portion **19** of the shield continues over this rounded corner. The comb at this rounded corner is of decided advantage, for it enables the operator to pinpoint the comb on a displaced strand of hair of the head without disturbing the neighboring hair. The comb portion of the shield may take the form as in FIG. 4 at **22**, wherein it is pressed into the surface of the shield along marginal portions of opposite faces of the shield.

It is clear from the description of the shield in FIG. 1 that whether the shield is held in the right or left hand

the operator may use it for the several functions described above.

When not in use, the shield may be rested with the side **10** leaning against a wall and the opposite side **23** resting upon a table surface. When it is thus rested, the operator may readily pick it up for use by slipping his hand behind the shield to insert a forefinger in the hole **3** and to palm the contoured portion **6**. The operator may also rest the shield so that the rounded corners **15** and **24** rest upon a table surface and the side **5** leans against a wall. When thus rested, any drippings on the shield will flow downwardly and away from the finger hole **3**. The shield may also be readily picked up and manually gripped when thus rested.

While an embodiment of the invention has been described and illustrated, it is to be expressly understood that the invention is not limited thereto. Changes can be made in its design and structure without departing from the spirit and scope of the invention; and it is my intent, therefore, to claim the invention not only as shown and described but also in all such forms as may reasonably be construed to fall within the spirit of the invention and the scope of the appended claims.

What I claim is:

1. In a hair spray shield for shielding areas of the person adjacent the hair from liquid spray as the hair is being finally set after it had been initially set with hairpins that are to be removed during the spraying operation, comprising a firm flat surfaced panel of rectangular configuration having means adjacent a side thereof enabling the panel to be manually held in one hand in a particular position when in use and having a corner of hook contour engageable by the operator with a hairpin in the hair of the person so as to lift the hairpin from the hair upon the panel being manipulated in a direction away from the hair; a comb formation extending along a further side of the panel enabling the combing back into place of strands of hair displaced by the operator while employing the hook formation to remove a hairpin.

2. In a hair spray shield as in claim **1**, wherein the panel has a further corner of rounded contour and the comb formation continues along said further side over the rounded corner, the comb formation over the rounded corner enabling pin-pointing of the comb upon particular strands of displaced hair without disturbing adjacent strands of hair.

3. A hair dressing tool adapted to be held in one hand and while so held employed in performing various functions in dressing the hair while the operator employs the other hand to set the hair with liquid spray, the tool comprising a firm flat surfaced panel of rectangular configuration adapted at one side to be palmed in the hand, the panel being of appreciable dimensions for shielding purposes when positioned adjacent the hair, a hook defining a corner of the panel engageable in a loop of a hairpin so as to lift the hairpin from the hair as the panel is lifted away from the hair, a second corner of the panel of rounded contour, and a comb formation extending along a second side of the panel and over the second corner for combing selected strands of hair back into place after they had been displaced during the removal of the hair pins by means of the hook.

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