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COMBING AND BRUSHING ATTACHMENT FOR SADIRONS

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Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Fig. 7.

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This invention pertains more particularly to a shoe 15 attachable to the sad iron in an underlying relation to the latter by means of two spring connections 16 and 17 which consist of coiled springs, each end of each spring carrying a wire clip of an inverted V-shape and each of said wire clips 18 having inturmed extremities 19 extending through apertures 20 in the shoe 15.

Said shoe 15 is shown of an angle iron, skeletal shape and having a horizontal basal flange or bed portion 21 along the outer edge of which stands a vertical flange 22, the aforesaid apertures 20 for the clips 18 being in said upstanding flange. Said angle iron shoe is shaped to conform to the outline of a conventional sad iron, hence may be said to have the contour intermediate that of the letters U and V, that is to say it has a V-shape except that its side portions are outcurved as they approach the point of the V.

Each basal flange 21 of the shoe 15 is provided with a plurality of transverse, downwardly directed ribs 24, said ribs being provided in order to thicken said basal flange to afford, in parts thereof, sufficient stock for forming grooves 25. Four pairs of said grooves are shown in the drawing, the foremost two and rearmost of them being used, respectively, to mount brushes 27, 28 and 29 and the remaining pair of grooves being used to mount a comb 30. Each of said brushes is provided with a copper mounting strip 31 which approximately is of an inverted U-shape in cross section, the limbs of the U gripping between them the bristle portions of the brush. The grooves which contain said brush-carrying metal strips have contracted mouth portions which safely retain said strips. The remaining groove, which closely fits the upper edge of the comb 30 need not have a contracted mouth, but the comb is fitted thereinto with sufficient tightness to safeguard against it becoming displaced. Said brushes are inserted in an endwise manner into the grooves provided for them.

The "bristles" of the brushes are made of metallic wires, and the copper strip which holds them conducts the heat imparted to the device by the iron 10 to the bristles which, in turn, pass it on to the fur being combed so that not only combing but drying of the fur is effected when the device is used thereon.

It will be observed that the entire space subjacent to the sad iron is utilized by the attachment and that the front row of brush bristles is located under the point portion of the iron and the rear row of brush bristles is located...
below the opposite end portion of the iron and between these is a comb as well as another row of brush bristles.

Preparatory to putting the device into operation, the sad iron with which the device is used is placed upon the basal flange 21 of the shoe with the point portion of the iron adjacent to the point portion of the shoe. Then the spring connections 16 and 17 are fed over the body portion of the iron underneath its handle and the wire clip ends at each side of the device are inserted into the holes 20 provided for them in the upstanding flanges 22. It is to be understood that there is sufficient tension in said spring connections to maintain the shoe in a correct position in relation to the sad iron even though some sad irons may not be wide enough completely to fill the space between said upstanding flanges.

I claim:

1. In an attachment for sad irons, an angle iron skeletal shoe shaped to conform to the outline of the basal portion of a conventional sad iron, said shoe having a basal flange and a vertical flange upstanding from the outer margin of said basal flange, said vertical flange fitting around the basal part of the sad iron, brushes carried by and projecting downwardly from said basal flange, and means for detachably securing said shoe to a sad iron.

2. The subject matter of claim 1, and said shoe-securing means consisting of contractile spiral springs and wire clips carried by their end portions and projectable into apertures in said upstanding flange to afford anchorage for the end portion of said wires.

3. The subject matter of claim 1, and said securing means comprising spring means which have a sufficient tension to hold the attachment against lateral displacement when applied to said irons having basal portions less in width than the width of the space between said vertical flanges.

4. In an attachment for sad irons, a metallic shoe attachable in an underlying relation to the said iron, said shoe having a horizontal bottom surface with a transverse rib projecting downwardly therefrom, said rib having a longitudinal groove in it, and a brush with an upper edge portion gripped in said groove.

5. In an attachment for sad irons, a metallic shoe attachable in an underlying relation to the said iron, said shoe having a horizontal bottom surface with a transverse rib projecting downwardly therefrom said rib having a longitudinal groove in it, and a comb with an upper edge portion gripped in said groove.

6. In an attachment for sad irons, a metallic shoe attachable in an underlying relation to the said iron, said shoe having a horizontal bottom surface with a transverse rib projecting downwardly therefrom said rib having a longitudinal groove in it, said groove having a contracted mouth portion, and a brush having a metallic upper edge portion wider than the mouth of said groove and firmly gripped within the groove.

7. In an attachment for sad irons, an angle iron skeletal shoe shaped to conform to the outline of the basal portion of a conventional sad iron, said shoe having a basal flange and a vertical flange upstanding from the outer margin of said basal flange, said flange extending substantially from end to end of the sad iron to which the device is to be applied, a brush carried by and projecting downwardly from the front portion of the applied attachment, another brush carried by and projecting downwardly from the rear portion of the applied attachment, additional brush means carried by the attachment in the space between the two brushes, and means to detachably secure said shoe to said sad iron.

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No references cited.