April 16, 1935. C. FINGERHART ET AL 1,998,313

FURRIER'S COMB AND IRON

Filed June 12, 1931

Fig. 4.

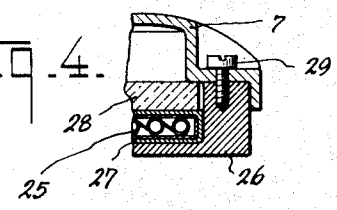


Fig. 1.

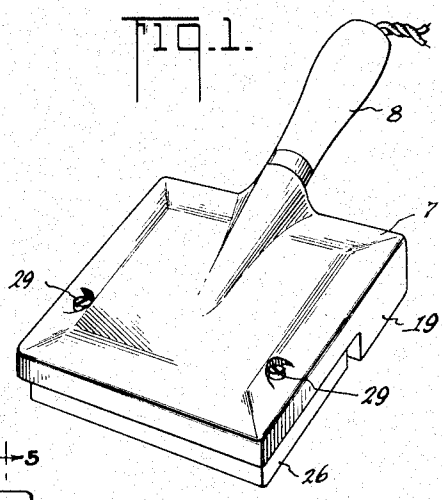
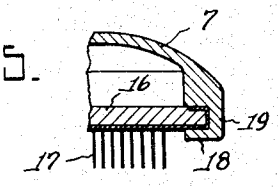


Fig. 5.



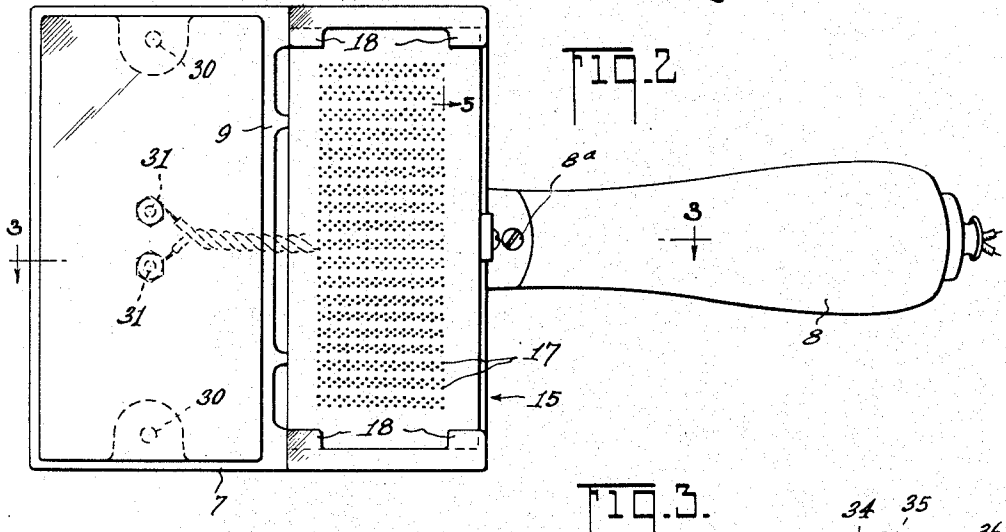
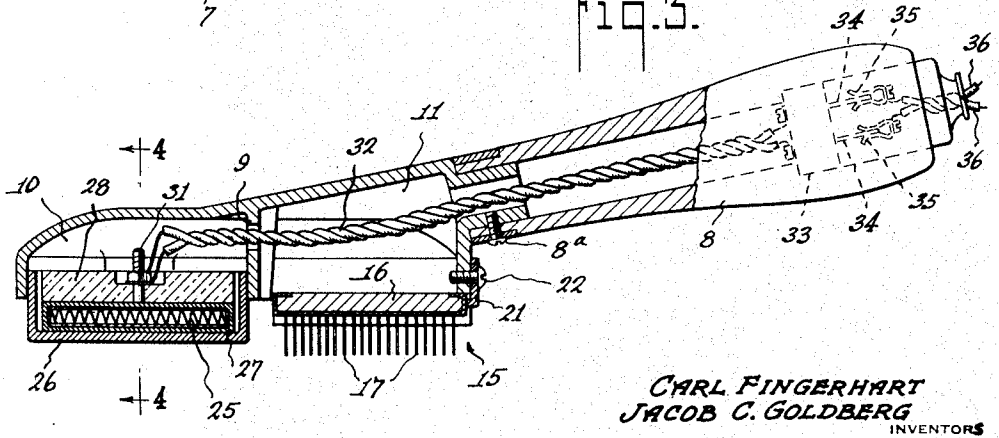


Fig. 2.

Fig. 3.



CARL FINGERHART
JACOB C. GOLDBERG
INVENTORS

BY Victor J. Evans & Co.
ATTORNEY

WITNESS:
A. J. Mank

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FURRIER'S COMB AND IRON

Carl Fingerhart, New York, N. Y., and Jacob C. Goldberg, Newark, N. J., assignors, by mesne assignments, to Reliable Machine Works, Inc., Brooklyn, N. Y., a corporation of New York

Application June 12, 1931, Serial No. 543,928

12 Claims. (Cl. 149—24)

This invention relates to furriers' tools and it comprises a tool used by furriers in roconditionfurs such for example as coats, collars, cuffs and neckpieces of fur, the tool being particularly useful in reconditioning furs having long hairs.

In reconditioning furs, a fur is first combed and then ironed with a hot iron. In order to successfully accomplish the desired result of putting the fur into proper condition, it is necesasry to iron the same very soon after the fur has been combed. To conform to this requirement it has heretofore been necessary to comb a small portion or area of a fur and then to iron that portion with a hot iron and to repeat this process until the entire fur has been combed and ironed. It will readily be realized that such a procedure was slow and therefore comparatively expensive.

In order to comb and iron a fur entirely in one operation we have provided a furrier's tool embodying a holder in which is mounted a comb and an iron, the iron preferably being electrically heated.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which form part of the application, with the understanding, however, that the improvement is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therefrom as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claims.

In the drawing:

Fig. 1 is a perspective view of our improved furrier's tool.

Fig. 2 is a bottom view of the same.

Fig. 3 is mainly a section taken on line 3—3 of Fig. 2.

Fig. 4 is a fragmentary section taken on the line 4—4 of Fig. 3; and

Fig. 5 is a fragmentary section taken on the line 5—5 of Fig. 2.

Referring to the drawing for a more detailed description thereof, the numeral 7 indicates the holder or body portion of the tool which is provided with a handle 8 detachably connected to the holder or body portion by means of a screw 8a. A transverse wall 9 divides the holder into compartments 10 and 11, the former for holding an iron and the latter for holding a comb. A comb 15 comprising a backing 16 and wire bristles 17 is removably held to the holder by horizontal flanges 18 which project inwardly from vertical side flanges 19 depending from the holder or body portion 7. The comb is slidably removable from its operative position but is held in such position not only by the flanges 18 but by a retaining piece 21 secured to the body portion by means of a screw 22.

A heating element 25 in the form of a wire is provided to heat an iron 26, said heating element being properly insulated and enclosed by a metal casing 27 whch contacts with the iron 26. An insulating block 28 is positioned above the casing 27, the iron 26, the heating element 25 and its casing 27 and the insulating block 28 being removable from the holder, the parts just mentioned being retained to the holder by means of screws 29 shown in Figs. 1 and 4 which pass through the top of the holder through apertures 30 and into the iron 26. The terminals of the heating element 25 are connected respectively to terminals 31 which are connected to a cord 32 comprising a pair of conducting wires. The cord 32 passes through the wall 9 and partly through the hande 8 to a terminal block 33 provided with terminals 34 adapted to engage contactors 35 connected to a pair of conductors 36 which are to be connected to a source of electric power.

The construction and the modes of use of the furrier's tool or implement of the present invention will, in the main, be fully apparent from the above detailed description thereof. The holder is divided by the transverse wall 9 into two closely contiguous compartments, the ironing element 25 being in one compartment, and the combing element 15 being in the other compartment. The handle 8 for the holder extends from one side or end of said holder, the construction being such that the ironing element, combing element and handle are arranged in longitudinal sequence as best shown in Figs. 2 and 3 of the drawing with the combing element positioned between the ironing element and the handle. By means of this construction, the tool or implement may be employed with great facility and convenience in the reconditioning of furs such as coats, collars, cuffs and neck pieces, as aforesaid, with the garments placed either on a form or flat on a table. By the arrangement of the parts thus provided, the implement may be used by applying the same to the fur and by pulling the same with a uniform motion and pressure over the fur in the direction of the hair thereof, the ironing action immediately following the brushing action. The pressure to be used depends upon the character of the fur under treatment; and thus

it will be apparent that by arranging the ironing element, brushing element and handle in the longitudinal sequence described, the implement may be used in almost any position (with the work on a table or on a form) and the desired pressure may be effected with maximum ease and convenience by controlling the position or angular disposition of the handle with respect to the work under treatment.

Preferably the holder is made substantially rectangular in shape, and similarly the heating and combing elements are each made in rectangular form and of substantially the same transverse width. By means of this construction a wide area may be treated in one operation. As will be noted the combing element is made easily detachable without the necessity of removing any screws, it being only necessary to loosen and displace the retaining piece **21**. The implement may therefore also be used for heating without combing (by removal of the combing element) and for combing without heating (with the heating element cold). A variety of uses is therefore afforded. The heating element is also so constructed as to be made quickly detachable; the detachability of both heating and combing elements permitting quick repair and replacement of parts. It will also be noted that the construction and disposition of the parts are such as to enable the implement or tool to be manufactured with few parts such as to produce a relatively light weight and inexpensive assembly.

The disposition of the handle **8** extending as it does substantially horizontally from one side of the holder, very conveniently permits of the same being used as the conduit or housing for the electrical connector or cord **32** for the electrically heated ironing element. No separately mounted socket need therefore be provided, the terminal socket or block **33** for the electrical unit being desirably located at the free end of the handle **8**.

As is evident from inspection of Figs. 2 and 3 of the drawing, the adjacent edges of the comb and iron are separated by an air passage.

It will be apparent that while I have shown and described my invention in the preferred form, many changes and modifications may be made in the structure disclosed without departing from the spirit of the invention, defined in the following claims.

What is claimed as new is:

1. A manually operated implement for combing and ironing furs comprising a holder divided transversely into two closely contiguous sections, an ironing element in one of said sections, a combing element in the other of said sections, and a handle for the holder extending from one side of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle.

2. A manually operated implement for combing and ironing furs comprising a substantially rectangularly shaped holder divided transversely into two closely contiguous compartments, an ironing element in one of said compartments, a combing element in the other of said compartments, and a handle for the holder extending from one side of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle.

3. A manually operated implement for combing and ironing furs comprising a holder divided transversely into two closely contiguous compartments, an ironing element in one of said compartments detachably connected to said holder, a combing element in the other of said compartments detachably connected to said holder, and a handle for the holder extending from one side of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle.

4. A manually operated implement for combing and ironing furs comprising a holder divided transversely into two contiguous sections, an electrically heated ironing element in one of said sections, a combing element in the other of said sections, a handle for the holder extending from one side of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle, a terminal socket at the outer end of said handle, and an electrical connector in the holder extending through said handle and connecting the ironing element with said terminal socket.

5. A manually operated implement for combing and ironing furs comprising a holder divided transversely into two contiguous sections, an electrically heated ironing element in one of said sections, a combing element in the other of said sections, a handle for the holder extending from one side of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle, and an electrical connector in the holder connected to said ironing element and passing through said handle.

6. A manually operated implement for combing and ironing furs comprising a substantially rectangularly shaped holder divided by transversely arranged means into two contiguous compartments, a substantially rectangular ironing element in one of said compartments, a substantially rectangular combing element in the other of said compartments, the said holder being provided at its lateral sides with inset flanges and the combing element being slidably detachably received by said holder in ways defined by said flanges, and a handle for the holder extending substantially horizontally from an end wall of said holder; the ironing element, combing element and handle being arranged in longitudinal sequence with the combing element positioned between the ironing element and the handle.

7. In the manually operated implement of claim 6, means for detachably attaching the ironing element to the holder, a terminal socket at the outer end of the handle, and an electrical connector in the holder connecting the ironing element to said socket and passing through the handle.

8. A manually operated implement for combing and ironing furs, said implement comprising a hollow upwardly dished housing having an open bottom, an elongated ironing element secured to said housing and extending transversely thereof at the trailing side thereof, an elongated fur combing element secured to and extending transversely of said housing at the leading side thereof, said elements being arranged collaterally with their long sides adjacent and with their bottom or working surfaces generally

occupying the bottom of the housing, and a handle for holding and manipulating the implement, the said handle projecting forwardly from the combing side of the housing.

9. A manually operated implement for combing and ironing furs, said implement comprising a hollow upwardly dished metallic housing having an open bottom of rectangular outline, an elongated rectangular electrically heated ironing element secured to said housing and extending transversely thereof at the trailing side thereof, an elongated rectangular wire-tooth combing element secured to and extending transversely of said housing at the leading side thereof, said elements being arranged collaterally with their long sides nearly in edge to edge relation and with their bottom or working surfaces generally occupying the bottom area of the housing, and a handle for holding and manipulating the implement, said handle projecting forwardly from the comb side of the housing, said handle being rigidly secured to the housing at one end only, the other end being free and projecting beyond the housing.

10. A manually operated implement for combing and ironing furs, said implement comprising a hollow upwardly dished metallic housing having an open bottom of approximately square outline, an elongated rectangular electrically heated ironing element secured to said housing and extending transversely thereof at the trailing side thereof, an elongated rectangular wire-tooth combing element secured to and extending transversely of said housing at the leading side thereof, said elements being arranged collaterally with their long sides nearly in edge to edge relation and with their bottom or working surfaces generally occupying the bottom area of the housing, and a handle for holding and manipulating the implement, said handle being of the plain elongated generally cylindrical type and projecting forwardly from the comb side of the housing, said handle being rigidly secured to the housing at one end only, the other end being free and projecting beyond the housing.

11. A manually operated implement for combing and ironing furs, said implement comprising a hollow upwardly dished metallic housing having an open bottom, an elongated electrically heated ironing element secured to said housing and extending transversely thereof at the trailing side thereof, an elongated wire-tooth combing element secured to and extending transversely of said housing at the leading side thereof, said elements being arranged collaterally with their long edges adjacent and with their bottom or working surfaces generally occupying the bottom of the housing, means separating the adjacent edges of the comb and iron and providing an air passage therebetween, and a handle for holding and manipulating the implement, said handle projecting forwardly from the comb end of the housing.

12. A manually operated implement for combing and ironing furs, said implement comprising a hollow upwardly dished metallic housing having an open bottom rectangular in outline, an elongated rectangular electrically heated ironing element secured to said housing and extending transversely thereof at the trailing side thereof, an elongated rectangular wire-tooth combing element secured to and extending transversely of said housing at the leading side thereof, said elements being arranged collaterally with their long edges adjacent and with their bottom or working surfaces generally occupying the bottom area of the housing, means separating the adjacent edges of the comb and iron and providing an air passage therebetween, and a handle for holding and manipulating the implement, said handle projecting forwardly from the comb end of the housing, said handle being rigidly secured to the housing at one end only, the other end being free and projecting beyond the housing.

CARL FINGERHART.
JACOB C. GOLDBERG.