

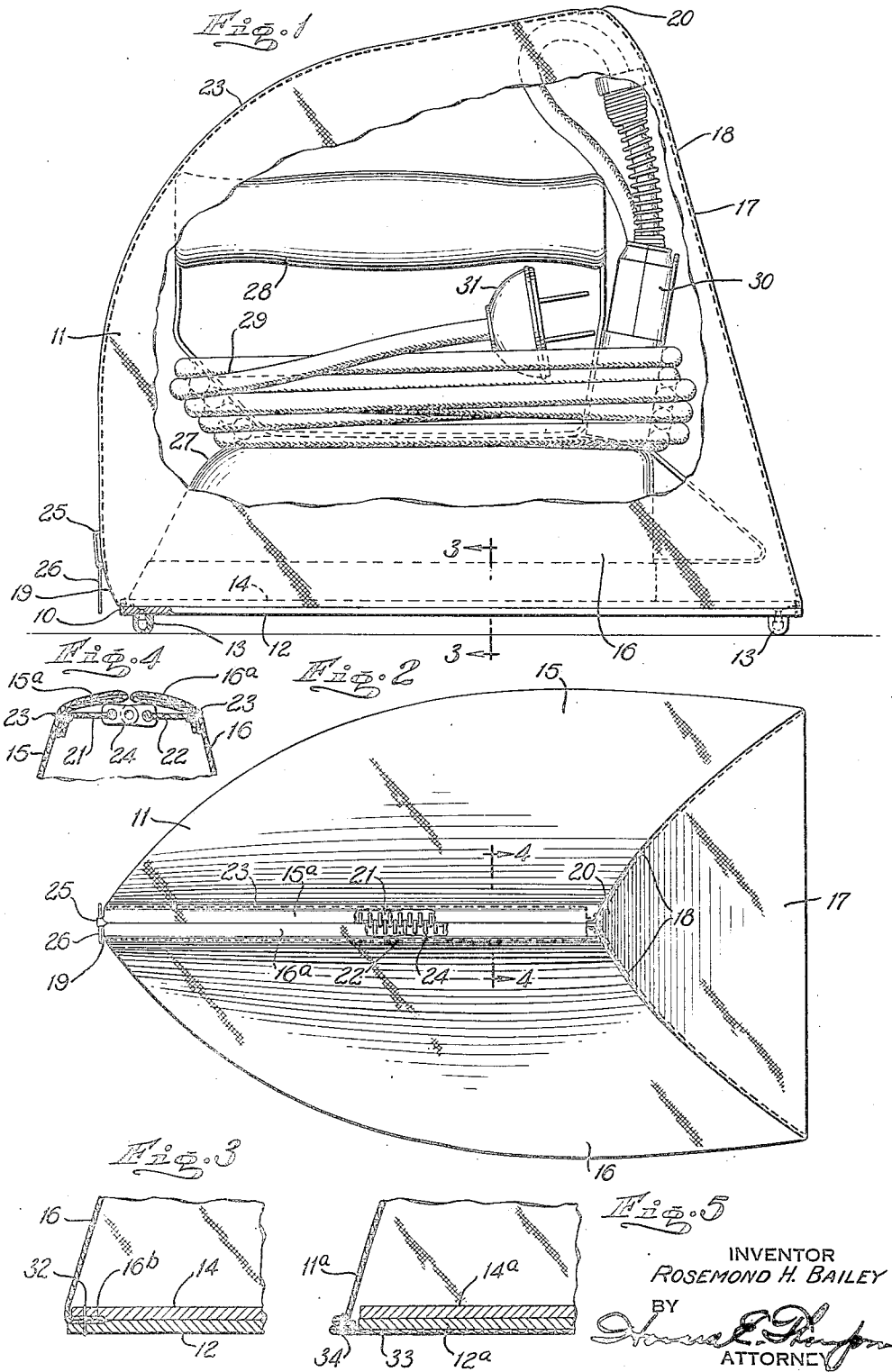
March 16, 1937.

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2,074,159

PROTECTOR FOR ELECTRICAL APPLIANCES

Filed July 5, 1935



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2,074,159

PROTECTOR FOR ELECTRICAL APPLIANCES

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Application July 5, 1935, Serial No. 29,967

4 Claims. (Cl. 150—52)

This invention relates to protectors for use in conjunction with electrical appliances, such for example, as an electric iron; and the object of the invention is to provide a protector of the class described involving a base upon which an iron is adapted to be placed and a hood or cover adapted to envelop and enclose the iron arranged upon said base to protect the iron against the elements when not in use and further to prevent the collection of dust or dirt thereon and at the same time, provide a neat and attractive means for storing the iron when not in use; a further object being to provide a device of the class described, the hood or cover of which is fashioned to house or enclose a complete iron including the extension cord attached thereto, said cover or hood having a large opening extending from the base to the upper portion thereof and a separable fastener attached to the hood or cover parts at the opening formed therein to provide a quick closure for the hood and one which is substantially dust-proof; a further object being to provide a device of the class described, the base of which includes a facing of heat resisting material, and further, wherein the walls of the hood portion are composed of fabric which may be treated to render the same substantially flame-proof; and with these and other objects in view, the invention consists in a device of the class and for the purpose specified, which is simple in construction, efficient in use, and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:

Fig. 1 is a side view through a device made according to my invention with part of the construction broken away to indicate the method of use of the device.

Fig. 2 is a plan view of the structure shown in Fig. 1.

Fig. 3 is a partial section on the line 3—3 of Fig. 1.

Fig. 4 is a partial section on the line 4—4 of Fig. 2; and,

Fig. 5 is a sectional detail view of the lower portion of the device, showing a modification.

In the use of electric irons and other electrical appliances, no means has been provided for protecting the same when not in use and when stored away upon a table or shelf to prevent dampness from contacting the iron as well as to prevent

grease, dust, dirt or the like from contacting the same. It is the purpose of my invention to provide a protector for devices of this class in order to maintain the same at all times in condition for use, thereby extending longer life and service to the device, and at the same time, by using ornamental or attractive fabrics in the protector covering, I also provide a device which presents a neat and finished appearance when placed upon a table, shelf or other support.

In the construction shown in Figs. 1 to 4 inclusive, I provide a protector comprising a relatively rigid base portion 10 and a hood or cover portion 11. In the construction shown, the base 10 consists of an outer member 12 of relatively rigid material, such for example as, fibre board, cardboard, wood, metal or the like to which is preferably attached a number of rubber feet 13, preferably disposed at the corner portions of the base in order to support the base upon a surface and to prevent marring or destroying a surface upon which the device is placed. The base also includes an inner sheet or facing 14 which is preferably composed of a heat resisting material such as asbestos or asbestos cloth, paper or the like, or may consist of a sheet or facing of chemically treated material to render the inner surface of the sheet 12 substantially flame-proof as well as heat resisting.

In the construction shown, the hood 11 is composed of two similar side portions 15 and 16 and a substantially triangular end portion 17. The side edges of the end portions 17 are stitched or otherwise secured to adjacent edges of the parts 15 and 16 as indicated at 18; whereas, the adjacent edges 15a, 16a of the parts 15 and 16 are fashioned to form flanges and are not directly coupled together, thus forming an opening extending from the front corner portion 19 of the base to the upper corner portion 20 of the part 17. This opening is adapted to be closed by a separable fastener device consisting of stringers 21, 22 secured to the parts 15 and 16 as indicated at 23. The stringers 21, 22 have interengaging and interlocking coupling links or elements as indicated at 24 which are coupled and uncoupled by a slider 25 having a finger piece or pull 26. When the stringers are coupled together, the slider 25 assumes the position shown in Fig. 1, and to open the hood 11, the slider is moved from the front corner 19 to the upper corner 20, thus permitting the insertion and removal of the electric iron 27 indicated in Fig. 1 of the drawing.

It is preferred that the hood 11 be fashioned to receive the handle 28 of the iron as well as

the extension cord 29 including its usual sockets 30, 31 at the end portions thereof so as to avoid the necessity of removing the socket 30 from the iron in storing the iron away in the protector. It is understood that the contour of the members 12 and 14 will conform more or less to the contour of the base of the iron, and in like manner, the hood 10 will conform with and freely house the complete electric iron equipment, which may also include the usual stand, which, for simplification, has not been shown in the accompanying drawing. The complete unit may be conveniently carried by grasping the handle 28 of the iron directly through the flexible walls 15, 16 of the covering, which will conform with the contour of the handle in this operation. In other words, the complete unit may be moved about whenever desired in the same operation as one would grasp the iron itself if apart from the covering thereon.

By providing the separable fastener as a means for opening and closing the admission to the hood 11, the iron may be quickly and easily inserted or removed from the device. When the iron is not contained within the holder, the end 17 will fold compactly upon the base 10, the flexible sides 15 and 16 collapsing upon the base in this operation, thus facilitating the compact packing of the complete device for shipment or other purposes. By providing the extending flanges 15a, 16a which abut each other when the separable fastener is closed as indicated in Fig. 4, the hood becomes substantially dust-proof. It will be understood that the fibrous material of the hood may be treated or prepared to render the same substantially flame-proof.

The lower edges of the side portions 16, 15 and ends 17 of the hood may be attached to the base 10 in any desired manner, but in the construction shown in Figs. 1 to 4 inclusive and as clearly illustrated in Fig. 3 of the drawing, the lower edges of said parts are folded inwardly and again outwardly as indicated at 16b and are preferably located between the sheets 12 and 14 and are stitched or otherwise secured in position as indicated at 32. The manner of attachment will depend entirely upon the particular types of materials employed in the construction of the base 10.

In Fig. 5 of the drawing, I have shown a slight modification which consists simply in forming integrally with the hood 11a, part of which is indicated in Fig. 5, a bottom wall or facing 33 which is stitched to the lower edges of the walls of the hood 11a as indicated at 34.

With this construction, the base may consist of a single sheet of heat resisting material 14a and as indicated in Fig. 5, may also include a sheet 12a of stiffening or reinforcing material. The sheets 12a and 14a may simply be placed in the lower portion of the protector or may be attached to the walls thereof, in which event, they may also include the supporting legs 13.

The design or contour of the device may be varied to suit different styles and sizes of appliances and the fabric hood or enclosure may be patterned to produce an attractive and ornamental effect in color schemes which would be suitable or in harmony with those of the room in which the device is to be stored.

Having fully described my invention, what

I claim as new and desire to secure by Letters Patent, is:

1. A device of the class described comprising a substantially triangular base of rigid material having an upper heat resisting surface, a hood composed of flexible material consisting of two similar side portions and one end portion, the lower edges of the side and end portions being attached to the peripheral edges of said base with one edge of each side portion attached to the side edges of said end portion, the other side edges of said side portions being normally unattached from one corner portion of the base to the upper end of said hood, separable fastener stringers attached to said last named side edges, and a slider movable longitudinally of said stringers for coupling and uncoupling said edges to close and open said hood.

2. A device of the class described comprising a substantially triangular base of rigid material having an upper heat resisting surface, a hood composed of flexible material consisting of two similar side portions and one end portion, the lower edge of the side and end portions being attached to the peripheral edges of said base with one edge of each side portion attached to the side edges of said end portion, the other side edges of said side portions being normally unattached from one corner portion of the base to the upper end of said hood, separable fastener stringers attached to said last named side edges, a slider movable longitudinally of said stringers for coupling and uncoupling said edges to close and open said hood, said hood being collapsible upon the base, and the material of said hood being treated to render the same substantially flame-proof.

3. A device of the class described comprising a substantially triangular base of rigid material having an upper heat resisting surface, a hood composed of flexible material consisting of two similar side portions and one end portion, the lower edges of the side and end portions being attached to the peripheral edges of said base with one edge of each side portion attached to the side edges of said end portion, the other side edges of said side portions being normally unattached from one corner portion of the base to the upper end of said hood, separable fastener stringers attached to said last named side edges, a slider movable longitudinally of said stringers for coupling and uncoupling said edges to close and open said hood, and said base including downwardly extending feet arranged at the corner portions thereof.

4. A protector for electrical appliances comprising a base of rigid, fibrous heat resisting material, a hood composed of a plurality of sections of flexible material, the flexibility of said hood being such as to provide complete collapsing of the hood on said base, the lower edges of said sections being attached to the peripheral edges of said base and at least two of said sections being permanently secured together along certain of their edges and detachably secured together along the remaining edges to form an opening in the side of the hood extending from the base upwardly to permit movement of an appliance through the side of said hood.

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