Nov. 16, 1954 C. E. FOSTER 2,694,206

HAIR STEAMER

Filed March 29, 1954

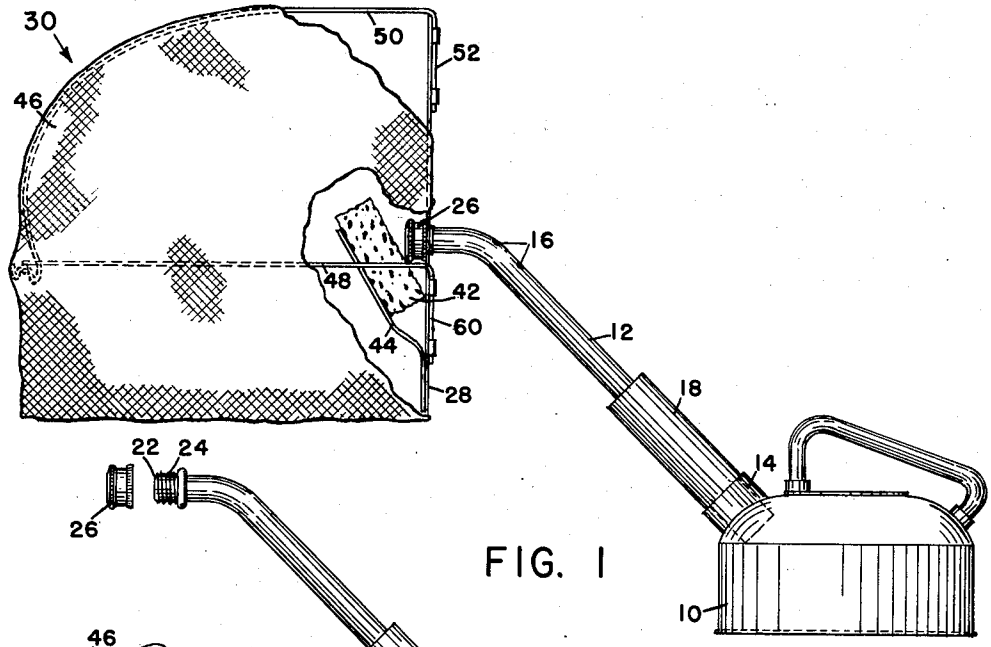


FIG. 1

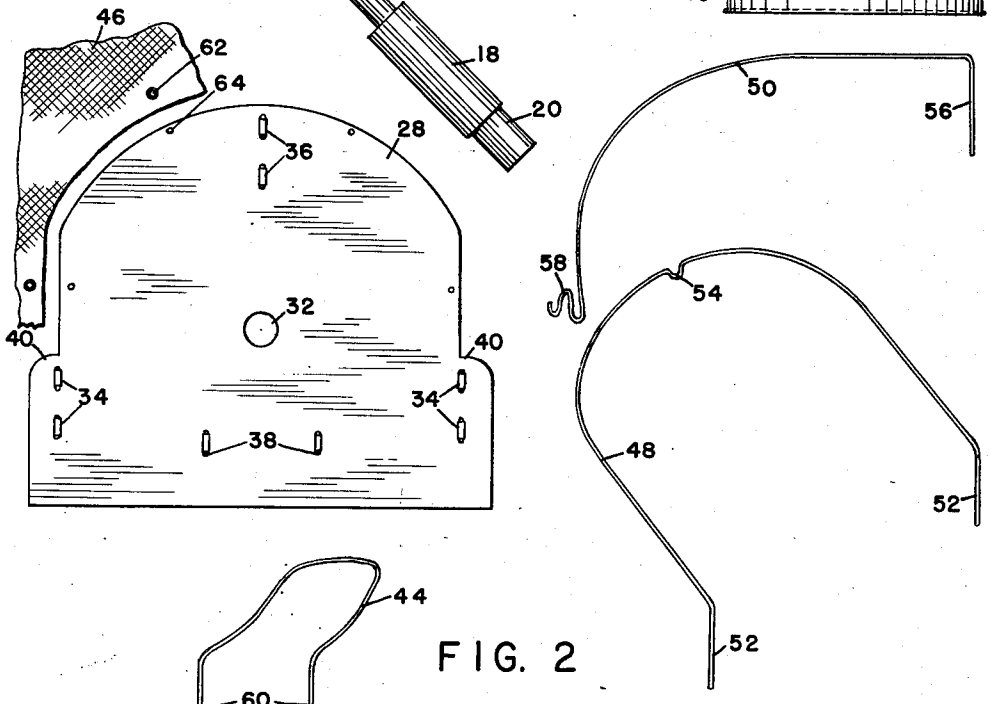


FIG. 2

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United States Patent Office 2,694,206 Patented Nov. 16, 1954

2,694,206

HAIR STEAMER

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Application March 29, 1954, Serial No. 419,531

6 Claims. (Cl. 4—165)

This invention relates to a hair steaming device including a hood suitable for home use.

Steaming devices including the hoods are expensive, complex and bulky structures and wholly impractical for home use. It is accordingly among the objects of this invention to provide an inexpensive, simple device which may be used advantageously by a person for home use. Another object is to provide a device which is easily assembled and disassembled and may be stored in a small space. A further object is to provide a design that is simple and inexpensive to manufacture. Other and further objects of the invention and the advantages of the same will be pointed out hereinafter and indicated in the appended claims, or will be obvious to one skilled in the art upon understanding the present disclosure.

While one embodiment of the invention has been described in more or less detail to comply with the requirements of the statute, it is nevertheless desired that the detailed description be considered merely as illustrative and as limited, and it is to be understood by those skilled in this art that changes and modifications may be made without departing from the invention, especially as defined in the appended claims.

The invention consists in the features of construction, combinations of elements, and the arrangement of parts, as will be illustratively described herein.

In the drawing:

Figure 1 is a side view in elevation with parts broken away; and

Figure 2 is a view of parts of the steamer disassembled.

Referring to the drawing in detail the closed water container **10** may be a teakettle usually found in homes. A steam directing tube **12** extends at an angle from the spout **14**. The tube **12** may be provided with steam escape openings **16** but generally such openings are not required. To enable the operator to handle the tube **12** an insulating member **18** is positioned around the tube. It is preferred that the insulation material have a smaller end **20** of such size as to fit snugly in the spout to substantially prevent the escape of steam.

The tube **12** adjacent the free end **22** is formed so that it is at an angle to the remainder of the tube. The free end is threaded at **24** for reception of threaded member **26**.

The shield or end wall **28** forms part of the hood indicated generally as **30**. The shield has a substantially centrally located opening **32** through which the free end **22** of tube **12** extends. The shield **28** is secured in place on the tube end **22** by member **26**. There is stamped or otherwise formed in the shield openings **34**, **36** and **38**. Substantially directly above the openings **34**, flats or shoulders **40** are provided. Near the top of the shield **28** is opening **36** and below the opening **32** is sponge or absorbent material **42** rack or clip **44** receiving openings **38**.

Supporting a head covering cloth **46** are members **48** and **50**. Member **48** is generally U-shaped and has ends **52** which are adapted to be inserted in the openings **34**. The member **48** may have a groove or bend **54** for the reception of the end of member **50**. The member **50** is generally arc-shaped and is provided at one end with leg **56** which is adapted to be inserted in opening **36**. The other end **58** of member **50** is formed to rest upon the member **46** or in the groove **54**. It is to be understood that the groove **54** may be omitted. The members **46** and **48** are shown as circular in cross-section but they need not be so formed. Square or rectangular stock may be used in place of the wire stock and the members may be removably secured to the shield by wing screws or equivalent. A moisture absorbing member **42** is positioned as shown in Figure 1 and is held in place by clip **44**. The clip **44** is preferably one piece and the ends **60** are inserted into openings **38**. A suitable cloth **46** is supported by members **48** and **50** and it may be desirable to removably attach the cloth to the shield **28**. This may be accomplished by any suitable means, for example, snap fasteners. If snap fasteners are employed, the male portions **62** are attached to the cloth **46** and the female portions **64** are carried by the shield.

The steamer may be quickly assembled or disassembled and when disassembled may be placed in a compact package. In operation the steamer is assembled; the closed water container is filled about one-half full more or less; heat applied to the water container to vaporize the water; the desired material applied to the hair; and the person's hair bearing portion of the head inserted into the hood **30**. Normal steam treatment requires about 5 to 15 minutes.

It has been found that if the teakettle is about one-half full that the hood will be properly supported thereby during the steaming operation.

What is claimed is:

1. In a hair steamer, a closed water container, a steam directing tube projecting at an angle from the side of said water container, a shield like member removably secured to an end of the said tube, a water absorbing member supported by the shield and positioned adjacent the said tube end, a hood cloth supporting member removably secured to the shield and including a substantially U-shaped horizontal extending member, and a substantially arc-shaped member attached to the shield and contacting the U-shaped member and a removable attached cloth cover supported by the U-shaped, arc-shaped and shield members.

2. A hair steamer comprising a closed water container, a steam directing tube directed at an angle from the side of the water container, a shield-like member removably attached to an end of the tube, a sponge support for holding a sponge in front of but spaced from the end of the tube, a cloth supporting member removably secured to the shield, one of said members attached to opposed edges of the shield and forming a closed path, the other attached to the shield at the top and contacting the first member at a distance from the shield, and cloth cover supported by the said cloth supporting members.

3. A hair steamer comprising a closed water container, a steam directing tube extending at an angle from the container, a metal wall member removably attached to an end of the tube, a clip removably attached to the metal wall for supporting an absorbing member adjacent the end of the tube, cover supporting members removably attached to the wall, and a head covering cloth supported by the cover support members and the metal wall.

4. A hair steamer comprising a closed water container, a steam directing tube extending from the water container, an insulating member covering a part of the tube, a shield member attached to one end of the tube, a sponge supporting rack attached to the shield for supporting a sponge in front of but spaced from the end of the tube, a first wire-like member attached to opposite edges of the shield, a second wire member attached to the shield at one end and the other end contacting and supported by the first wire, and a head covering cloth supported by the wire-like members and the shield.

5. In a hair steamer a steam directing tube, an insulating member surrounding the tube adjacent one end, a shield member removably secured to the pipe adjacent the other end of the tube, a clip removably secured to the shield for support, a sponge in front of but spaced from the end of the tube, a substantially U-shaped member removably attached to the shield at opposite sides, a substantially arc-shaped member attached at one end to the shield above the points of attachment for the

U-shaped member and the other end removably mounted on the U-shaped member, and a covering cloth supported by the two members.

6. In a hair steamer a steam directing tube having a series of small apertures therein, a wood-like member mounted adjacent one end of the tube, said wood-like member having a reduced portion for providing a close fit with an outlet from a steam generating vessel, a shield-like member removably connected to the other end of the tube, a substantially U-shaped member removably secured to the shield by the ends of the U-shaped member extending through space openings in the shield, a clip removably secured to the shield for supporting a sponge-like member in front of the end of the steam directing tube, a substantially arc-shaped member removably secured to the shield at one end and the other end supported by the U-shaped member, and a head cover cloth supported by the U- and arc-shaped members.

No references cited.