Dec. 20, 1966 B. A. TURMENNE ET AL 3,292,186

HAIR WASHING AND TINTING UNIT

Filed June 29, 1964 2 Sheets-Sheet 1

FIG.1

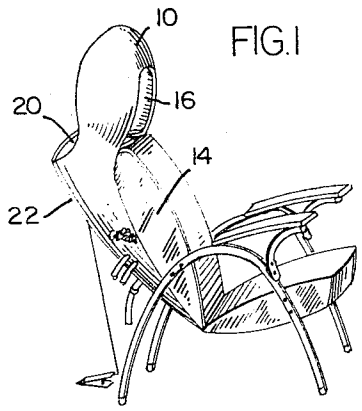
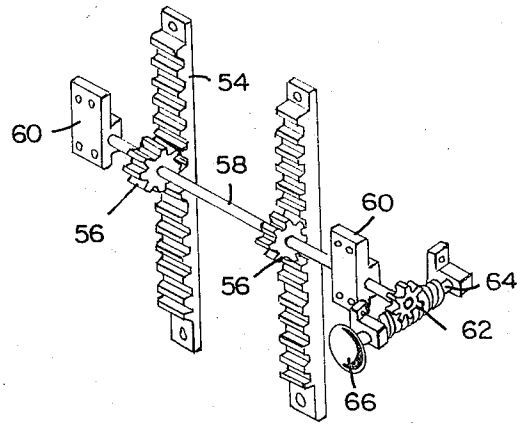


FIG.3



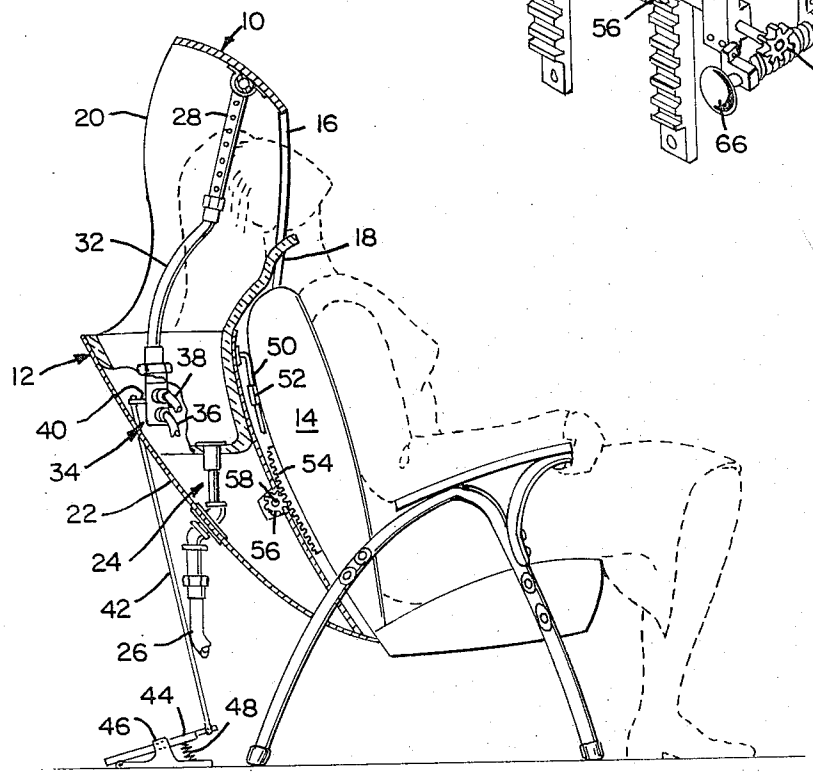


FIG.2

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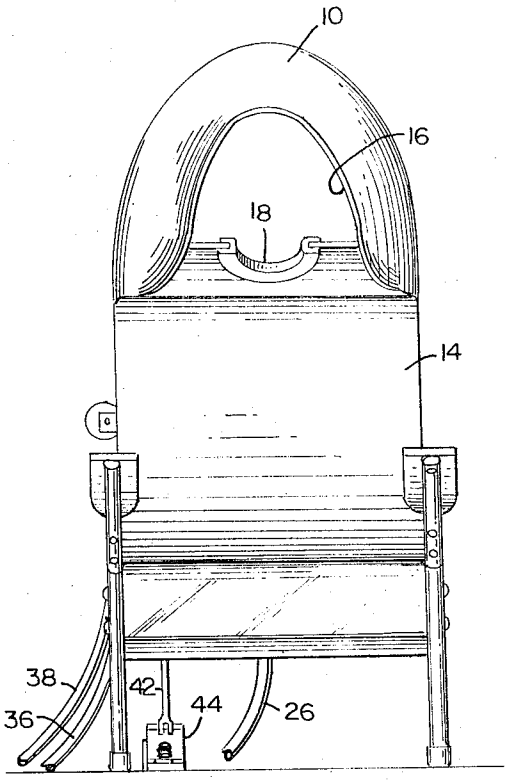
ATTORNEY

Dec. 20, 1966 B. A. TURMENNE ET AL 3,292,186

HAIR WASHING AND TINTING UNIT

Filed June 29, 1964 2 Sheets-Sheet 2

FIG. 4



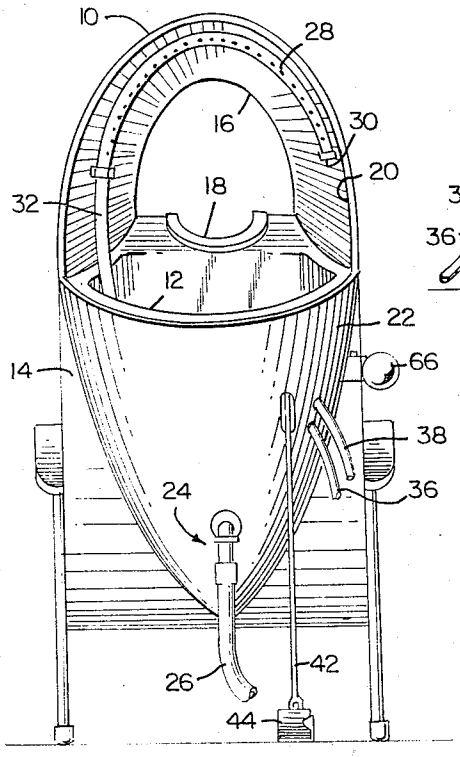


FIG. 5

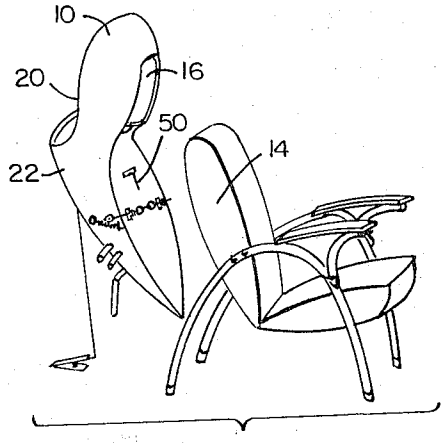


FIG. 6

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HAIR WASHING AND TINTING UNIT

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9 Claims. (Cl. 4—159)

This invention relates to a hair washing and tinting unit.

The invention has for an object to provide a novel and improved hair washing and tinting unit characterized by novel structure enabling a person to be comfortably seated while having her hair washed or tinted, and wherein the person's hair to be worked on is accessible to an operator standing behind the person in a natural, upright position.

The invention has for another object to provide a novel and improved hair washing and tinting unit of the character specified which is adjustable vertically relative to a chair so as to accommodate persons of different heights.

A further object of the invention is to provide a novel and improved portable hair washing and tinting unit of the character specified which may be maneuvered into different positions on the floor.

With these general objects in view and such others as may hereinafter appear, the invention consists in the hair washing and tinting unit and in the various structures, arrangements and combinations of parts hereinafter described and particularly defined in the claims at the end of this specification.

In the drawings illustrating the preferred embodiment of the invention:

FIG. 1 is a perspective view of a hair washing and tinting unit embodying the present invention shown attached to a chair;

FIG. 2 is a vertical cross section of the same;

FIG. 3 is a perspective detail view of adjusting mechanism shown in FIG. 2;

FIG. 4 is a front elevation of the unit;

FIG. 5 is a view as seen from the rear; and

FIG. 6 is a perspective view of the unit showing the same detached from the chair.

In general, the present invention contemplates a novel and improved hair washing and tinting unit adapted for attachment to a chair or other support. The illustrated unit includes a hood portion and a sink portion, the hood portion having a front opening provided with neck rest for supporting a person's head within the hood while in a comfortably seated position in the chair. The hood is also provided with a rear opening whereby the operator may work on the person's hair while standing behind the person in a natural, upright position. Provision is also made for mounting a water spray unit within the hood, and a foot operated valve leaves both hands of the operator free to work on the person's hair. The present hair washing and tinting unit is provided with flexible water supply hoses and a flexible drain hose to permit the unit to be maneuvered to different positions. The unit is also adjustably mounted on the chair or other support to accommodate persons of different heights.

Referring now to the drawings, the illustrated hair washing and tinting unit comprises in general a hood or canopy portion **10** and a sink portion **12** adjustably attached to the back of a chair **14**. The hood portion **10** is provided with a front opening **16** having a neck rest portion **18** arranged to support a person's head within the hood while seated in the chair. The hood **10** is also provided with a rear opening **20** through which the person's hair is accessible to the operator while standing behind the person in a natural, upright position.

As herein shown, the hood portion **10** comprises the upper half of an oval shaped casing, the lower half **22** of which encloses the sink **12**. The upper or open end of

the sink is substantially flush with the lower portion of the rear opening **20**. The lower wall of the sink is provided with a drain, indicated generally at **24**, which may be connected to an elongated flexible hose **26**, the other end of which may be connected to the drain pipe in the building.

The upper wall of the hood portion **10** is provided with a curved perforated water spray pipe **28** which has a plug **30** at one end and is connected at its other end by a flexible pipe or hose **32** which leads to the outlet of a mixing valve indicated generally at **34**. The mixing valve inlet is connected to flexible elongated hot and cold water hoses **36**, **38**, respectively, which may be connected at their other ends to supply pipes in the building. The mixing valve **34** may be provided with conventional means for adjusting the amounts of cold and hot water entering the mixing valve to control the temperature of the water.

As shown in FIG. 2, the mixing valve **34** is provided with a valve lever **40** connected by a link **42** to a pivotally mounted foot pedal **44** which is urged upwardly against a stop **46** by a coil spring **48** arranged to maintain the valve in a normally closed position. Thus, the operator may control the spray of the water by foot leaving both hands free to work on the person's hair. The hood portion **10** may comprise a transparent material to enable the operator to view the person through the top of the hood.

The illustrated supporting and adjusting mechanism includes a rod **50** attached to the front of the casing **22** and which is slidingly engaged in an opening in an adapter **52** secured to the back of the chair **14**. The adjustable mounting further includes a gear and rack mechanism which comprises a pair of elongated racks **54** attached to the back of the chair **14** and a pair of gears **56** which cooperate with the racks. The gears **56** are mounted fast on a shaft **58** supported in bearing brackets **60** secured to the casing **22**. One end of the shaft is provided with a worm gear **61** in meshing engagement with a worm **62** fast on a shaft **64** arranged at right angles to the shaft **58**. The shaft **64** may be supported in suitable bearings attached to the casing **22** and a handle **66** secured to the shaft **64** is used for manually adjusting the hair washing and tinting unit relative to the chair to accommodate persons of different heights. It will be apparent that the unit may be adjustably supported on a floor base independently of the chair and adapted to be moved into operative position to the back of a chair in which a person is seated.

From the above description it will be seen that the present hair washing and tinting unit provides a practical and convenient structure affording comfort for the person having her hair washed by virtue of the adjustability of the unit relative to the chair, and enabling the operator to stand behind the person in a natural, upright position by reason of the opening in the back of the unit. The provision of a portable unit provided with a sink and a water supply permits the unit to be moved to any convenient position in the room by virtue of the flexible water supply and drainage connection.

While the preferred embodiment of the invention has been herein illustrated and described, it will be understood that the invention may be embodied in other forms within the scope of the following claims.

Having thus described the invention, what is claimed is:

1. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means providing a water spray within the hood, means supporting the casing relative to the back of a chair, said hood portion having a front opening arranged to support within the hood the head of a person seated in the chair, and a back opening providing access for the operator to work on the person's hair.

2. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means provid-

ing a water spray within the hood, means for adjustably supporting the casing on the back of a chair, said hood portion having a front opening arranged to support within the hood the head of a person seated in the chair, and a back opening in said hood providing access for the operator to work on the person's hair.

3. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means providing a water spray within the hood, means for adjustably supporting the casing on the back of a chair, said hood portion having a front opening provided with a neck rest for supporting within the hood the head of a person seated in the chair, and a back opening in said hood providing access for the operator to work on the person's hair.

4. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means providing a water spray within the hood, means for supporting the casing on the back of a chair, said hood portion having a front opening provided with a neck rest arranged to support within the hood the head of a person seated in the chair, a back opening in the hood providing access for the operator to work on the person's hair, and means for manually adjusting the casing relative to the back of the chair to accommodate persons of different heights.

5. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means providing a water spray within the hood, means for mounting the casing on the back of a chair, said hood portion having a front opening arranged to support within the hood the head of a person seated in the chair, a back opening in the hood providing access for the operator to work on the person's hair, and foot operated valve means for controlling said spray.

6. A portable hair washing and tinting unit comprising a casing having a hood portion and a sink portion, a spray pipe supported within the hood, means for adjustably mounting the casing on the back of a chair, said hood having a front opening arranged to support within the hood the head of a person seated in the chair, and a back opening in the hood providing access for the operator to work on the person's hair from the back while standing in a natural, upright position.

7. A portable hair washing and tinting unit comprising a casing having a hood portion and a sink portion, a spray pipe supported within the hood, means for adjustably mounting the casing on the back of a chair, said hood having a front opening arranged to support within the hood the head of a person seated in the chair, and a back

opening in the hood providing access for the operator to work on the person's hair from the back while standing in a natural, upright position, water supply connections to said spray pipe including elongated flexible hoses adapted for connection to the building water supply, and drainage connections to said sink comprising an elongated flexible hose adapted for connection to the building drain whereby to permit the unit to be maneuvered into different positions on the floor.

8. A portable hair washing and tinting unit comprising a casing having a hood portion and a sink portion, a spray pipe supported within the hood, means for adjustably mounting the casing on the back of a chair, said hood having a front opening arranged to support within the hood the head of a person seated in the chair, a back opening in the hood providing access for the operator to work on the person's hair from the back while standing in a natural, upright position, water supply connections to said spray pipe including elongated flexible hoses adapted for connection to the building water supply, and drainage connections to said sink comprising an elongated flexible hose adapted for connection to the building drain whereby to permit the unit to be maneuvered into different positions on the floor, said water supply connections further including a water mixing valve, and foot operated means for controlling said valve.

9. A hair washing and tinting unit comprising a casing having a hood portion and a sink portion, means providing a water spray within the hood, means for adjustably supporting the casing on the back of a chair, said hood portion having a front opening arranged to support within the hood the head of a person seated in the chair, a back opening in said hood providing access for the operator to work on the person's hair, and flexible water supply and drainage connections to the unit to permit movement of the unit to different positions.

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