March 1, 1955 G. L. MOSSOR 2,703,134

VENTILATED BARBER CHAIR

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Fig. 1

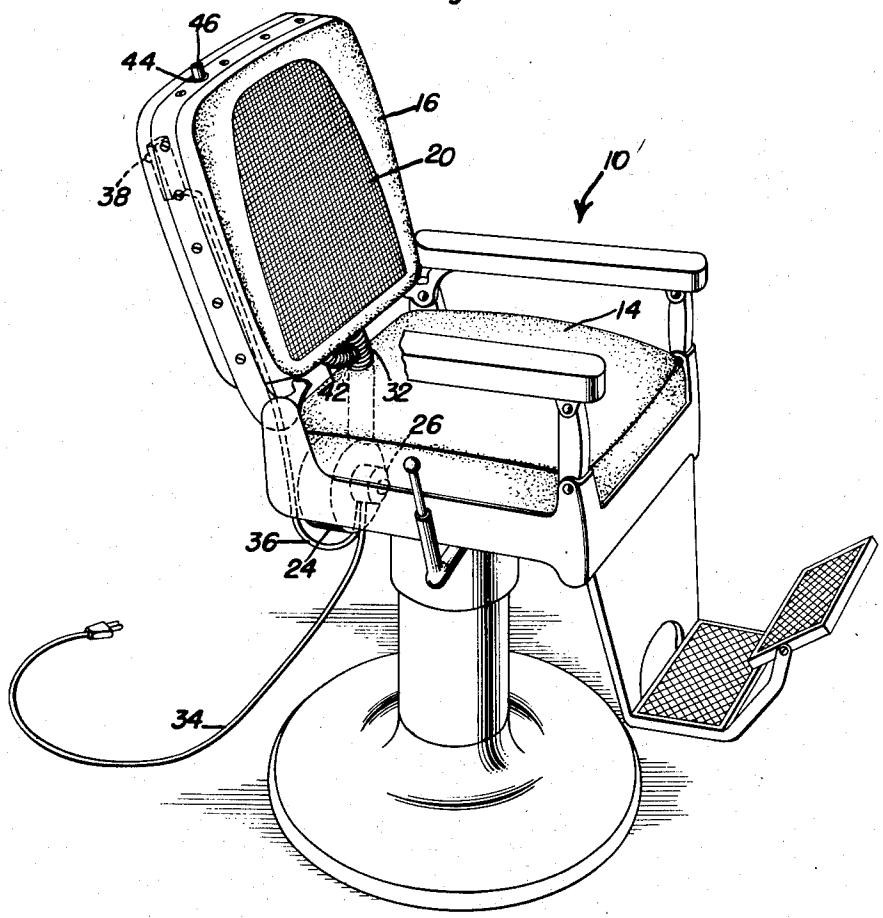
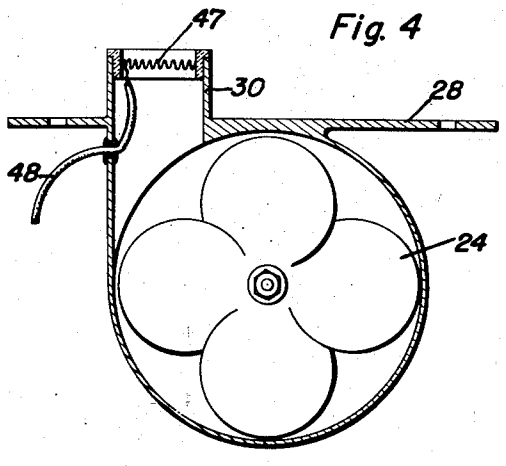


Fig. 4



George L. Mossor
INVENTOR.

BY Thomas A. O'Brien and Harvey B. Jacobson
Attorneys

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Fig. 2

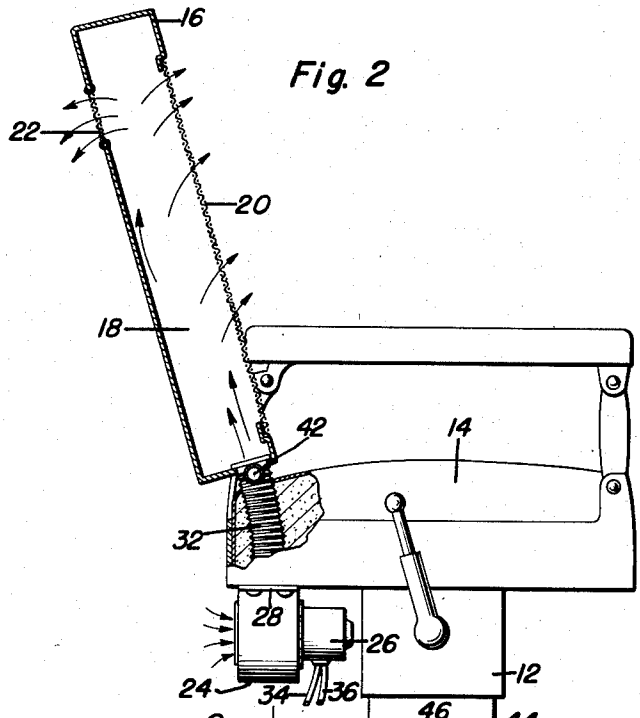
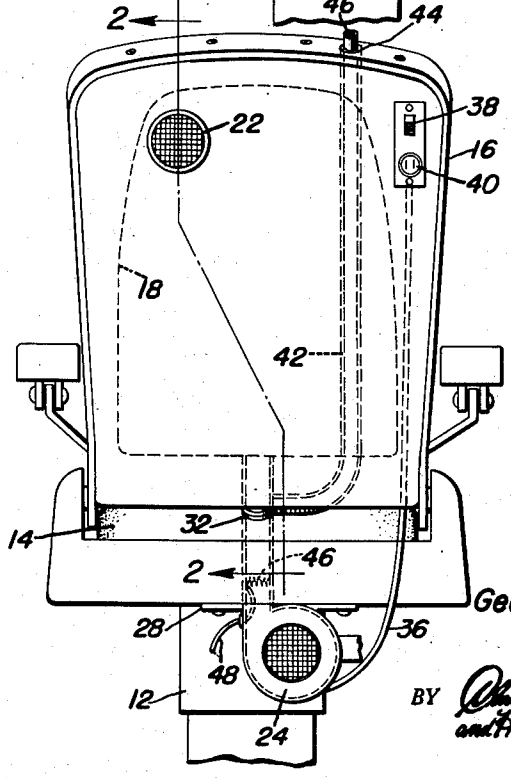


Fig. 3



George L. Mossor
INVENTOR.

BY Thomas A. Robinson and Harvey B. Jackson
Attorneys

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2,703,134

VENTILATED BARBER CHAIR

George L. Mossor, Wheeling, W. Va.

Application September 19, 1952, Serial No. 310,527

4 Claims. (Cl. 155—1)

This invention relates to new and useful improvements and structural refinements in barber chairs, dentist chairs, etc., and the principal object of the invention is to provide cooling means for the occupant of the chair to assure his comfort in hot weather.

The above object is achieved by the provision of a plenum chamber in the back rest of the chair, the back rest having a foraminous front wall whereby air delivered under pressure in the plenum chamber may be discharged around the occupant.

Another feature of the invention involves the provision of an air outlet grill at the back of the back rest for discharging air under the usual cloth utilized by barbers for catching hair.

An additional feature of the invention involves the provision of a heating element whereby the stream of air may be kept warm in cold weather.

With the above more important objects and features in view and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of a barber chair equipped with the invention;

Figure 2 is a fragmentary vertical sectional view thereof, taken substantially in the plane of the line 2—2 in Figure 3;

Figure 3 is a fragmentary rear elevational view of the chair, and

Figure 4 is a fragmentary sectional view of the blower and heating element used in the invention.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the barber chair, or the like, is designated generally by the reference character **10** and embodies in its construction the usual pedestal **12**, a seat **14** and a back rest **16**.

The back rest **16** is hollow so as to afford therein a plenum chamber **18**, the latter having a foraminous front wall **20** at the front of the back rest, as is clearly shown in Figures 1 and 2.

Also, a relatively small outlet grill **22** is provided at the back of the back rest **16** in communication with the plenum chamber **18** for discharging air under the usual cloth which the barber places around a patron's neck.

A suitable blower **24**, driven by an electric motor **26**, is secured by a bracket **28** to the underside of the seat **14**. The outlet **30** of the blower is connected by a flexible duct **32** to the plenum chamber **18** in the back rest **16**.

The motor **26** receives its supply of electricity through an extension cord **34** and is connected in series by a conductor **36** with a convenient switch **38** provided on the back rest **16**. An outlet plug **40** is provided on the back rest **16** adjacent the switch **38** so that hair clippers, or the like, may be connected thereto.

A flexible tube **42** is connected at one end thereof to the duct **32** and extends upwardly through the chamber **18**, having its outlet **44** at the top of the back rest. A flexible air hose **46** is slidably telescoped in the tube **42**

and may be withdrawn from the outlet **44** for connection to appliances such as hair driers, air blowers, etc. When not in use, the hose **46** may be closed by a suitable plug, (not shown).

Finally, an electric heating element **47**, receiving its supply of electricity through a conductor **48**, may be installed in the duct **32** or outlet **30** of the blower as shown in Figure 4 to warm the air during cold weather.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that minor changes in the details of construction and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

1. In a barber chair, the combination of a seat, a hollow back rest affording a plenum chamber therein, said chamber having a foraminous wall at the front of the back rest, an air outlet grill provided at the back of the back rest in communication with said chamber, a motor driven blower secured to the underside of said seat, and a flexible duct extending from said blower to said chamber, a heating element in said duct, an air tube connected at one end thereof to said duct and extending through said chamber, said tube having an outlet at the top of said back rest, a flexible air hose slidably telescoped in said air tube and projecting outwardly from the outlet thereof.

2. In a barber chair, the combination of a seat, a hollow back rest having a plenum chamber therein, a foraminous covering on the front of said back rest communicating with said plenum chamber, a blower secured to the chair beneath said back rest, a flexible duct communicating said blower with said chamber, an air tube opening at one end thereof into said duct, said tube extending through said chamber and having its other end opening into the top of said back rest.

3. In a barber chair, the combination of a seat, a hollow back rest having a plenum chamber therein, a foraminous covering on the front of said back rest communicating with said plenum chamber, a blower secured to the chair beneath said back rest, a flexible duct communicating said blower with said chamber, an air tube opening at one end thereof into said duct, said tube extending through said chamber and having its other end opening into the top of said back rest, and a flexible air hose slidably telescoped in said tube and projecting outwardly through said other end of said tube.

4. In a barber chair, the combination of a seat, a hollow back rest having a plenum chamber therein, a foraminous covering on the front of said back rest communicating with said plenum chamber, a blower secured to the chair beneath said back rest, a flexible duct communicating said blower with said chamber, an air tube opening at one end thereof into said duct, said tube extending through said chamber and having its other end opening into the top of said back rest, and a heating element in said duct.

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