July 19, 1927. 1,636,122

I. BROWN

HOOD APRON

Filed May 7, 1926

Fig. 1.

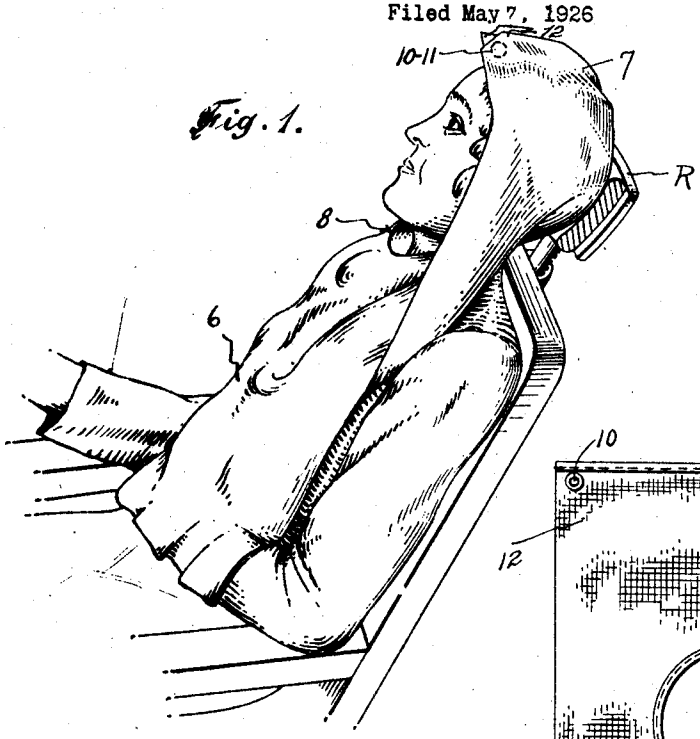


Fig. 2.

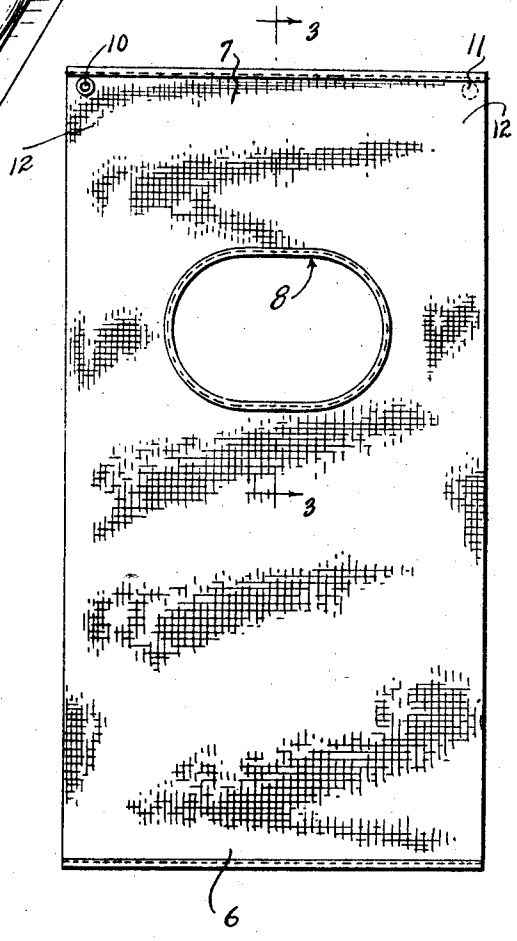


Fig. 3.

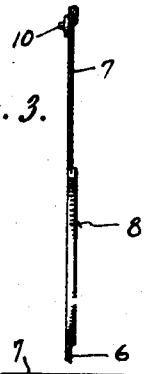
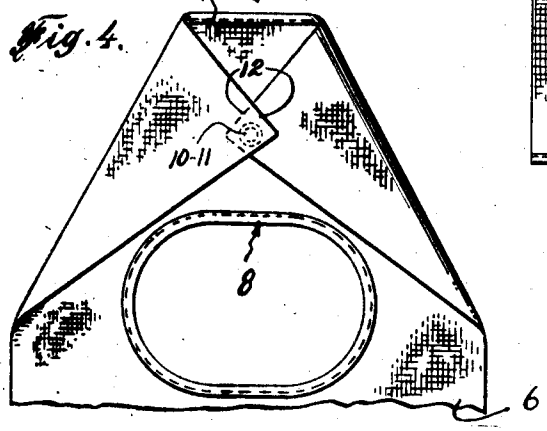


Fig. 4.



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UNITED STATES PATENT OFFICE.

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HOOD APRON.

Application filed May 7, 1926. Serial No. 107,324.

This invention relates to protective hoods, aprons, towels, and the like for use by doctors, physicians, etc., in connection with patients and particularly dental patients, and constitutes a sanitary head and body covering comprising a front cover or apron for the body and a hood for the head of patients, particularly those in a dentist's chair.

An object of this invention is to produce an apron or towel combined with a hood for use in dental offices in order that a separate protective cover may be used for each individual patient to the end that more sanitary conditions may obtain in connection with all manner of dental work.

A further purpose of the invention is to produce an apron and hood protective covering means embodying a single flat cloth not unlike a towel and which is easily laundered, inexpensive to manufacture and quickly applied to and removed from the patient in the dental chair.

A further object of the invention is to provide a hood and apron for the purposes suggested which embodies simple and convenient means by which it may be placed about the neck of the patient and also having fastening means by which the device is quickly made into a hood or head covering for the patient's head.

A further object of the invention is to produce an article capable of performing the several purposes named and which is in the nature of a dentist towel and which may at least be used as an ordinary towel in addition to all the purposes heretofore suggested.

The accompanying drawing illustrates an example of the invention serving to portray one form of the protector capable of use in dental offices and other like places. Changes in structure may be resorted to without departing from the principle of the invention.

Figure 1 shows a perspective side view of a patient in the dental chair with the head covering and apron placed in position;

Figure 2 shows a plan view of the dental hood apron spread open which in this instance is made somewhat in the form of a towel;

Figure 3 shows a section on line 3—3 of Figure 2;

Figure 4 illustrates a front plan view of the covering device in partly folded form to illustrate how one end thereof has its corners folded over to produce a hood for the head of the patient.

Referring further to the drawings, there is shown a flat cloth member which may comprise a long depending end 6 and a short upper end 7 having a head entry opening 8 made preferably nearer one end thereof since it is an advantage to have the lower end 6 long so it may drape down over the front of the patient to cover his coat and clothing and thus protect them from becoming soiled incident to the dental work on the patient. The opening 8 permits the patient to introduce his head through the towel so that the lower end thereof may drop down in front of the patient and the upper end be drawn up behind the patient's head. The hole 8 in the protective covering is an example of how this function may be carried out. Other means therefor may be used.

The upper end 7 preferably has suitable fastening means such as a button and buttonhole arrangement, clasp, or other suitable device, although hood aprons made in accordance with the broad idea of this invention may readily dispense with buttoning or fastening means if necessary and it may then be pinned at its corners to complete the hood when placed in position on the patient's head. The present form of the invention is shown with a snap fastener 10 and 11, one member of which is secured to each corner 12 of the towel-like apron.

The cloth member 6—7 is of course flexible and the head aperture or opening 8 is suitably placed therein so as to leave the proper upper length 7 with sufficient material in corners 12 to form a hood over the patient's head as shown in Figure 1. The apron is placed with the end 6 over the chest of the patient and the aperture 8 is projected over his head with the result that the end 7 is now to the rear of his head and the corners 12 may be folded up around the back side of his head to entirely cover the back of the head including the patient's hair. The corners 12 are brought together around the sides and over the top of the patient's head and hair and the snap or button 10—11 is fastened together near the forehead which completely covers the back of one's head but leaves the face entirely unobstructed so that the dentist may proceed about his work.

The lower end 6 drops down over the chest of the patient and entirely covers the clothing so that the device fulfills all purposes of an ordinary towel which the dentist uses in any event. The device possesses many

practical advantages over the ordinary towel in that it completely encloses and protects his hair with the result that the head does not come into contact with the head-rest R used on the dental chair.

In addition to the foregoing uses and adaptations, it is to be observed that the sleeve or arm of the dentist does not come into contact with the head or hair of the patient all of which makes for more sanitary conditions and imparts a general air of cleanliness and creates a favorable impression on patients because they observe that each patient is provided with a clean sanitary head and chest protector.

Figure 4 shows the dental hood-apron in fragmentary form, off of the patient, the lower portion being broken away and illustrates the same from the front thereof with the corners 12 brought together to form the hood. The hood-apron is in fact placed on the person by introducing his head through the opening 8 and thereafter bringing the corners 12 together and buttoning the same in front as shown in Figure 1.

While the present form of the invention is shown with front buttoning means it is to be understood that other points of attachment or connection may be used, although for the purpose of the present disclosure the flat towel-like structure is shown with corner buttoning means affixed to a straight ordinary towel-like piece for in this design and construction of the device there is found great practical convenience by way of laundering it for it washes and irons as any ordinary towel. Furthermore, it folds and stacks conveniently because it is a flat piece and this makes for its utility in the office of a doctor and particularly in a dental office.

What I claim is:

1. A hood-apron comprising a flexible member having means to encircle the neck of a person permitting one end thereof to rest over the front of his clothing, while the other end reaches behind his neck and is folded about his head, and fastening means to secure the hood over the back of his head.

2. A hood-apron comprising a flexible member with an opening therein for the reception of a person's head, one end of which drops down over the chest, the other end of which comes up behind the neck and encloses the head, and fastening means provided on the member to hold it in folded position in hood form over his head.

3. A dental towel capable of being converted into a head hood and chest apron comprising a towel having a head receiving hole formed therein, and said hole being formed nearer one end of the towel than the other, and means on the corners of the towel adjacent the hole by which the corners are fastened together.

4. A dental towel capable of being converted into a head hood and chest apron comprising a towel having a head receiving hole formed therein, said hole being formed nearer one end of the towel than the other, and a fastening means mounted on the shorter end of the towel above the hole to anchor the corners together.

In testimony whereof I affix my signature.

ISAAC BROWN.