Dec. 27, 1949 H. E. SMITH 2,492,599

DISPOSABLE BIB

Filed April 25, 1946

Fig. 1.

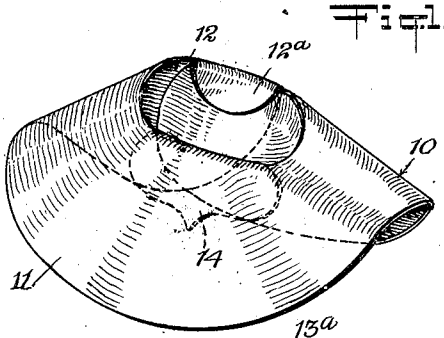


Fig. 2.

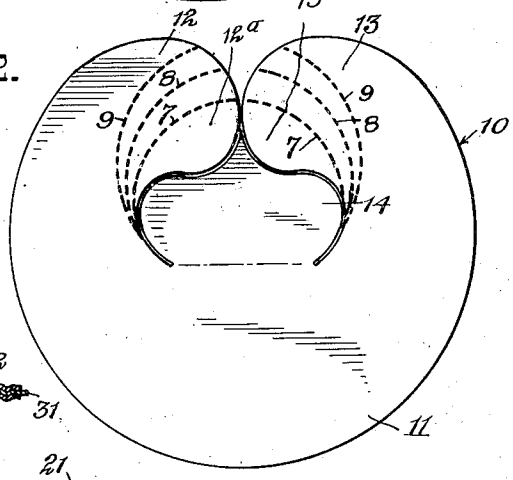
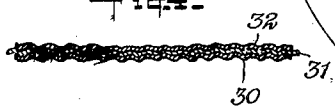


Fig. 4.



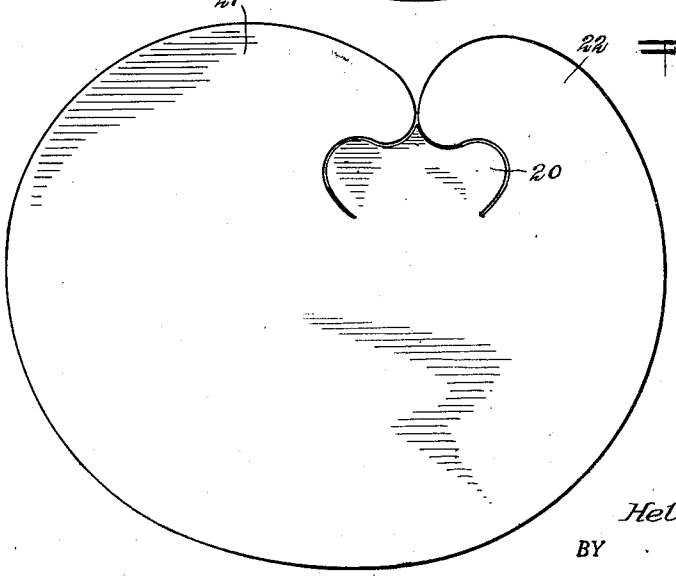


Fig. 3.

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DISPOSABLE BIB

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2 Claims. (Cl. 2—49)

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This invention relates to disposable bibs.

The principal object of this invention is the provision of a disposable bib, having the functional properties of non-disposable bibs.

It may be manufactured by mass production methods of inexpensive materials to be sold at a very nominal price, and intended to be used once and then discarded.

This bib may be used on infants and small children and it may also be used as a protective sheet or apron in barber shops, beauty parlors, dental offices and similar establishments. For the very obvious reasons that paper napkins have advantages which are not present in napkins made of cloth, the disposable bib herein claimed has advantages over bibs made of cloth and similar material.

The bib herein claimed is made of paper and more particularly of several forms of paper brought together to provide sheet material having a plurality of layers, each of which performs a different function.

Another object of this invention is the provision of a bib which may be held in place by the simple device of tucking its several flaps under the collar of the wearer. There is no need in this bib, as in connection with conventional bibs, to use tie strings, safety pins, clamps or similar devices.

Preferred embodiments of this invention are shown in the accompanying drawing in which:

Fig. 1 is a perspective view of a bib made in accordance with the present invention showing how its several flaps are folded under for tucking under the collar of the wearer;

Fig. 2 is a plan view of said bib;

Fig. 3 is a view similar to that of Fig. 2 showing a modified form of bib for use primarily in dental offices. Also it may be used elsewhere and in other connections; and

Fig. 4 is an enlarged section through a part of either of these bibs showing the several layers of material which comprise it.

Referring now to Figs. 1 and 2 it will be seen that the bib 10 comprises a substantially circular piece of sheet material which is die cut to form a bib portion proper 11, a pair of shoulder portions 12 and 13, and a flap portion 14 which is situated between the two shoulder members 12 and 13.

When bib 10 is draped about the wearer the flap portion 14 is folded downwardly in the manner shown in Fig. 1 and it is tucked under the collar of the wearer.

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When the flap 14 is folded as aforesaid a neck hole is provided in the bib to accommodate the neck. The shoulder members 12 and 13 are adapted to rest on the shoulders of the wearer and to extend backwardly and then downwardly behind the wearer.

The portions marked 12A and 13A in Fig. 2 are adapted to fold downwardly and to be tucked under the collar in the same manner as flap 14. Flap 14 and portions 12A and 13A provide a three point holding construction by which the bib may be firmly and securely held in place. It will be noted that curved, perforated lines 7, 8 and 9 separate portions 12A and 13A from the shoulder members 12 and 13. It is on these lines that portions 12A and 13A fold. Folding them on lines 7 provides a small neck opening, on lines 8 a medium size neck opening, and on lines 9 a large neck opening. This flap and the two portions 12A and 13A render it unnecessary to use safety pins or tying strings, clamps or any other of the familiar devices commonly used to hold a bib in place.

The bib shown in Fig. 3 is in principle similar to that shown in Figs. 1 and 2. It differs however in that its flap 20 which corresponds to the flap 14 is off center and that its shoulder portion 21 which corresponds to the shoulder portion 12 is much larger than the shoulder portion 22 which corresponds to the shoulder portion 13 as above described. This type of bib is intended primarily for use in dental offices where the patient requires more protection on his left side than he does on his right. Shoulder portion 21 is sufficiently large to cover not only the shoulder proper but also a sizeable portion of the upper part of the wearer's sleeve.

In Fig. 4 it will be seen that the bibs hereinabove described are made of three layers of sheet material which are crimped or otherwise held together to form a unitary member.

The lowermost layer 30 comprises a waterproof or water resistant sheet of paper. The intermediate layer 31 comprises a highly absorbent filler made of cellucotton material similar to that used in the manufacture of facial tissue. The top layer 32 comprises a smooth, soft somewhat absorbent sheet of cellucotton material substantially similar to the intermediate layer but having a more finished appearance. The essential difference between the top and middle layers lies in the fact that the top layer is more resistant to disintegration and falling apart in the presence of water and liquid foods than is the middle layer.

It will be understood that the foregoing is a description of two preferred embodiments of the invention and that other forms of the invention may be provided within the scope of the basic principles of the present invention. For example, the drawing shows the three layers which constitute these bibs to be crinkled together to prevent them from separating. An adhesive may be used as a substitute for the crinkling. It will also be understood that in place of the three layers thus shown and described, a different number of layers may be used and it will further be understood that the type of material used may vary from the type of material described. It may also be said that the precise design or pattern which the drawing shows may be varied in accordance with the basic principles of the invention.

I claim:

1. A bib comprising a substantially circular piece of sheet material, an inverted substantially heart-shaped portion of said sheet of material being partly cut out therefrom to form a flap which is foldable under the front of the collar of the wearer, leaving a neck opening for the wearer's neck, said sheet of material being provided with a slit extending from its peripheral back edge, to the apex of the heart-shaped opening formed by the heart-shaped cut-out, thereby providing a pair of shoulder portions, one on each side of the apex of said heart-shaped opening, said shoulder portions being foldable in part under the sides of the collar of the wearer, whereby said bib may be supported upon the person of the wearer.

2. A bib comprising a substantially circular piece of sheet material having a substantially

wedge-shaped cut-out at one point along its peripheral edge, the side edges of the bib along said cut-out being convex in shape and curving to meet the outer circular periphery of the bib as a whole, an inverted substantially heart-shaped portion partly cut out from the inside of said circular sheet of material adjacent said wedge-shaped cut-out along the edge of said sheet of material, the inverted heart-shaped cut-out formed thereby communicating at its apex with said wedge-shaped cut-out, said heart-shaped portion being foldable under the front of the collar of the wearer to support the front of said bib on the person of the wearer, shoulder portions of said bib being formed between the heart-shaped cut-out and the circular edge of the sheet of material adjacent said wedge-shaped cut-out, parts of said shoulder portions being foldable under the sides of the collar of the wearer to support said shoulder portions of the bib on the person of the wearer.

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