Sept. 26, 1950 H. L. GARDNER 2,523,565

BIB

Filed Jan. 27, 1947

FIG. 1

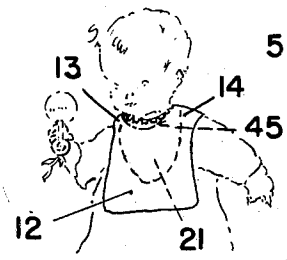


FIG. 2

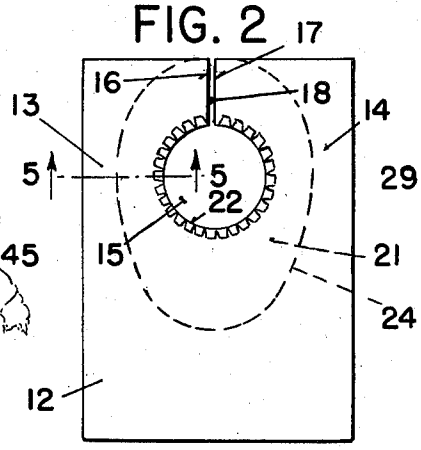


FIG. 3

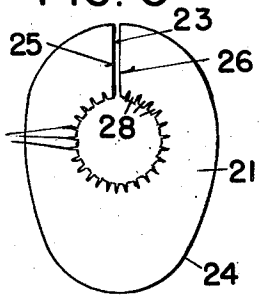


FIG. 5

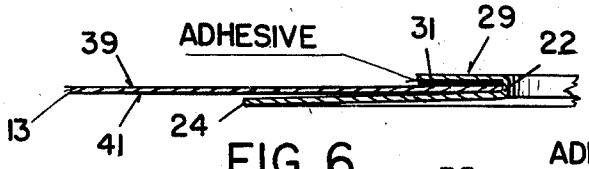


FIG. 6

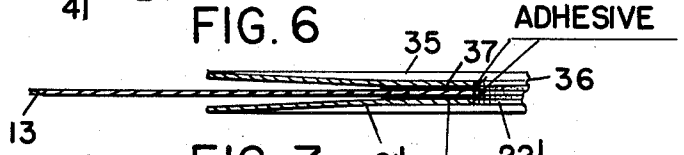


FIG. 7

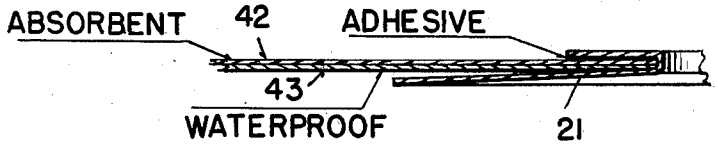


FIG. 4

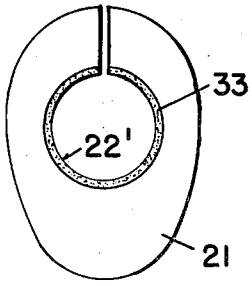
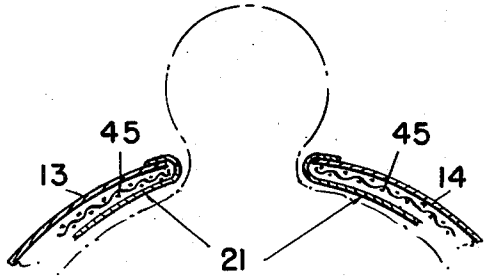


FIG. 8



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4 Claims. (Cl. 2—49)

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This invention relates to bibs for protecting the clothing of a wearer and particularly concerns bibs which are made of disposable material.

General adoption of disposable bibs has been retarded by problems encountered in providing suitable devices for fastening a disposable bib about the neck of a wearer. Ordinary ties, such as are used on the cloth bibs, tend, when they are drawn about the neck of the wearer, to pull away from the material forming the body of a disposable bib.

Several substitutes for such ties have been proposed. For example, it has been suggested that a tab be placed on the under side of the bib just below the front portion of the neck opening so the tab may be tucked down the front of a garment on the wearer of the bib. This tab can be easily placed on the bib and does not tend to pull away from it, but the shoulder portions (the neck encircling members for protecting the shoulders of the wearer) tend to fall away from their position about the neck of the wearer. The result is that such a bib serves merely as a napkin.

Another proposal is that strips be used instead of ties and that these strips be provided with inter-engaging notches for the purpose of fastening them at the back of the neck. A similar arrangement of strips, but provided with adhesive tips for securing the strips together behind the neck of the wearer, has also been proposed. While these substitutes for ties have been feasible, they have not proved altogether satisfactory in practical trials.

It is a major object of the present invention to provide a disposable bib which may be placed about the neck of the wearer and securely held in position without the disadvantages of previous securing devices.

A particular object of the invention is to provide a bib with an improved securing device which will hold the bib in proper position, but will not require tabs or strips to be secured behind the neck of the wearer.

A more specific object of the invention is to provide a disposable bib having a tuck-in member which may be placed about the neck of the wearer and tucked beneath the wearer's garment to hold the entire periphery of the neck opening in position.

These and other objects of the invention will become apparent from the following description taken in connection with the accompanying drawings, wherein

Fig. 1 is an outline of a bib embodying the invention, showing the bib in position on a small child;

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Fig. 2 is a top plan view of a bib embodying the invention in its preferred form;

Fig. 3 is a plan view of a cut out for the tuck-in member before it is attached to the bib, as shown in Fig. 2;

Fig. 4 is a plan view like Fig. 3 but showing a modified form of a tuck-in member;

Fig. 5 is a cross sectional view taken on the line 5—5 of Fig. 2;

Fig. 6 is a cross sectional view similar to Fig. 5 but showing the addition of a collar for the bib;

Fig. 7 is a cross sectional view similar to Fig. 5 but showing a body of the bib provided with two layers.

Fig. 8 is a cross section of the bib shown in Fig. 2 as applied to a wearer and showing the position of the tuck-in member beneath the wearer's garment.

According to the invention in its preferred form, the body of the bib is provided with upwardly extending neck encircling members which are shaped to form a neck opening. The ends of these members abut to form a slit extending from the opening to the outer edge so the bib may be placed about the neck of a child or other wearer. The bib may be made of paper-like material having an outer absorbent surface and an inner waterproof surface. If desired, separate layers of material may be used, one being absorbent and the other waterproof.

On the under side of the bib there is placed a tuck-in member formed with a neck opening having its periphery coincident with the neck opening in the body of the bib. This tuck-in member is also made of disposable material and may be easily tucked beneath the wearer's garment. As will be described hereinafter in detail, the tuck-in member may be attached to the body of the bib in various ways.

Referring now to the drawings, the bib includes a body portion 12 for covering the front or breast portion of the wearer's garment. Extending upwardly from the body portion 12 are a pair of neck encircling members 13 and 14 which are shaped, as shown in Fig. 2, to surround the neck of the wearer, thereby forming a neck opening 15. Ends 16 and 17 of the encircling members 13 and 14 are arranged in abutting relation to form a slit 18 extending from the neck opening 15 to the edge of the bib. As shown in Fig. 2, the slit 18 extends in a radial direction from the neck opening. However, since the purpose of the slit 18 is to permit the encircling members

13 and 14 to be placed about the neck of the wearer, the ends 16 and 18 could be arranged so the slit would lie at an angle or on one side of the bib as long as it extends from the neck opening to the outer edge of the bib.

The present invention resides mainly in the arrangement of a tuck-in member 21 on the under side of the bib. This tuck-in member 21 may have any desired shape. As shown in the drawings, the tuck-in member has an elliptical outline to provide enlarged tuck-in portions at the front and back of the wearer. Like the body of the bib, the tuck-in member is formed with a neck opening having its periphery 22 coinciding with the inner periphery of the neck opening 15, formed by the encircling members 13 and 14.

In order to permit the tuck-in member 21 to be placed about the neck of the wearer, a radial slit 23 is cut between the inner periphery 22 and the outer edge 24. When the tuck-in member is fixed on the bib, abutting ends 25 and 26 of the tuck-in member are arranged to coincide with abutting ends 16 and 17 of the encircling members 13 and 14.

Garments designed for small children usually have a collar with a circular neck opening which fits rather snugly about the neck of the child. When used with such a garment, the bib is held in position by tucking the tuck-in member beneath the garment entirely around the child's neck. In this manner, the tuck-in member not only holds the breast portion 12 in position in front of the child, but also retains encircling members 13 and 14 in position on the shoulders and behind the child's neck. It has been found that the tuck-in member may be readily positioned under the child's garment by placing one of the ends 25 or 26 in proper position and then moving the hand or finger as a wiper to insert the tuck-in member beneath the garment entirely around the child's neck.

The tuck-in member 21 may be secured to the bib in a number of different ways. For example, as shown in Fig. 3, a number of equi-distant darts 29, 29 may be cut from the inner edge of the tuck-in member 21 leaving a plurality of equally spaced similarly shaped tabs 28, 28. The tabs 28, 28 are then folded back upon the tuck-in member and attached to the edge of the bib around the neck opening 15 as by means of an adhesive 31 (Fig. 5). The bib, as represented by the encircling member 13 in Fig. 5, is placed between the tuck-in member 21 and its tab 28. Obviously, the tabs 28, 28 could be adhesively secured to the lower surface of the bib and still hold the tuck-in member 21 in the same position as is shown in Fig. 5.

A modified tuck-in member 21', shown in Fig. 4, may be provided with an adhesive rim 33 covering the narrow margin around the inner periphery 22' of the neck opening. As shown in Fig. 6, the tuck-in member 21' is secured to the encircling member 13 by the adhesive rim 33.

If desired, collar 35 (Fig. 6) may be arranged on the upper side of the bib 12 with its inner periphery 36 coinciding with the neck opening 15. The collar 35 may assume any shape, although it is shown in Fig. 6 as corresponding to the shape of the tuck-in member 21'. For purposes of illustration, the collar shown in Fig. 6 is secured to the neck opening 15 by a rim of adhesive. It is contemplated that this collar may be attached by any other method; for example, by the use of tabs such as are formed on the tuck-in member 21 (Fig. 3).

As shown in Fig. 2, neck encircling members 13 and 14 are formed of the same piece of material as the breast covering portion 12. Although any desired material may be used for this purpose, it is preferable to have an absorbent outer surface 39 and a liquid impervious (waterproof) inner surface 41. The absorbent outer surface will absorb liquids falling upon the bib and thereby prevent them from flowing down the bib onto clothing below the bottom edge of the bib. The waterproof inner surface 41 will prevent absorbed substances from passing through the bib to the garment beneath the bib. This waterproof inner surface may be formed in any well-known manner as by coating or glazing one side of an absorbent material.

In some cases it may be desirable to use a laminated material for making the bib. In such a case, as shown in Fig. 7, an outer layer of absorbent material 42 would be placed over an inner layer of waterproof material 43. The absorbent material may be in the form of absorbent paper such as is commonly used for paper napkins, towels, etc. The waterproof layer may be a plastic, a treated paper, or any other well-known waterproof material. These two layers are identically shaped and the neck opening is provided with a tuck-in member 21 similar to that shown in Fig. 4.

Any desired material may be used for the tuck-in member 21. Depending upon the characteristics of the inner and outer layers or surfaces of the bib, the tuck-in member can be adhesively secured to either the inner or outer surface.

As has been previously stated, the present invention primarily solves the problem of providing a practical substitute for ties, pins, and buttons heretofore used on bibs. This is accomplished by providing a tuck-in member arranged to encircle the neck of the wearer, and tuck under the garment in back as well as in front. Neck encircling members 13 and 14, which are best shown in Figs. 1 and 8, also cover the shoulders of the wearer. The tuck-in member 21 is arranged on the under side of the bib so it may be tucked beneath a garment 45 about the entire circumference of the wearer's neck. This is most clearly shown in Fig. 8, where the garment 45 is shown in section on opposite sides of the wearer's neck. The neck encircling members 13 and 14 cover the garment on both sides. The tuck-in member 21 is tucked beneath the garment 45 not only on both sides, as shown in Fig. 8, but entirely around the neck of the wearer. Thus the bib is held properly positioned behind the neck of the wearer, over the shoulders of the wearer as well as in front of the wearer.

This tuck-in member has particular utility in connection with disposable bibs, that is bibs made of paper-like material, because the tuck-in member holds the paper-like bib in proper position without pulling away or causing the bib to tear when it is being placed about the neck of the wearer.

As many changes could be made in the herein disclosed embodiments of the invention without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

What I claim is:

1. A disposable bib comprising a paper body

portion adapted to cover the breast of a wearer, a pair of paper neck encircling members integral with said body portion forming a substantially circular neck opening and having their ends abutting each other to form a slit extending from the inner periphery of the opening to the outer edge of the bib, and a paper tuck-in member affixed to said neck encircling members adjacent the periphery of said opening, said tuck-in member being provided with a circular opening and a radial slit respectively coincident with said neck opening and a slit formed by said neck encircling members in a manner such that the entire outer edge of said tuck-in member may be tucked beneath the neck portion of a wearer's garment to support the bib on the garment, the peripheral margin of said tuck-in member surrounding said neck opening being folded over said neck encircling members to provide a rounded edge adjacent the neck of a wearer.

2. A disposable bib comprising a paper body portion adapted to cover the breast of a wearer, a pair of paper neck encircling members integral with said body portion with semi-circular inner edges forming a substantially circular neck opening and having their ends abutting each other to form a slit extending from the inner periphery of the opening to the outer edge of the bib, and a paper tuck-in member affixed to said neck encircling members adjacent the periphery of said opening, said tuck-in member being provided with a circular opening and a radial slit respectively coincident with said neck opening and slit formed by said neck encircling members in a manner such that the entire outer edge of said tuck-in member may be tucked beneath the neck portion of a wearer's garment to support the bib on the garment, the peripheral margin of said tuck-in member surrounding said neck opening being folded over said neck encircling members to provide a rounded edge adjacent the neck of a wearer.

3. A disposable bib comprising a paper body portion adapted to cover the breast of a wearer, a pair of paper neck encircling members integral with said body portion forming a substantially circular neck opening and having their ends abutting each other to form a slit extending from

the inner periphery of the opening to the outer edge of the bib, and a paper tuck-in member formed with a neck opening having a plurality of tabs around its inner edge folded back upon said tuck-in member, said tabs being secured to said neck encircling members with said opening coincident with the neck opening formed by said neck encircling members in a manner such that the outer edge of said tuck-in member may be tucked beneath the neck portion of a wearer's garment to support the bib on the garment.

4. A disposable bib of paper-like material comprising a paper body portion adapted to cover the breast of a wearer, a pair of paper neck encircling members extending from said body portion to form a substantially circular neck opening and having their ends abutting to provide a slit diametrically opposite to said body portion, and a paper tuck-in member formed with a substantially circular neck opening and a radial slit respectively coincident with the neck opening and slit formed by said neck encircling members said tuck-in member being attached to said neck encircling members from one of said ends around the periphery of said neck opening to the other of said ends in a manner such that the entire outer edge of said tuck-in member may be tucked beneath the neck portion of a wearer's garment to support the bib on the garment, the peripheral margin of said tuck-in member surrounding said neck opening being folded over said neck encircling members to provide a rounded edge adjacent the neck of the wearer.

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