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HELMET

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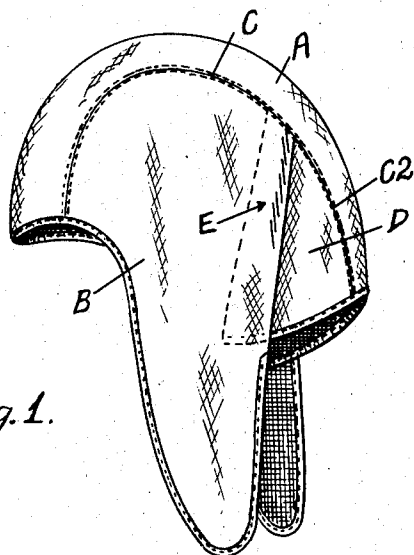


Fig. 1.

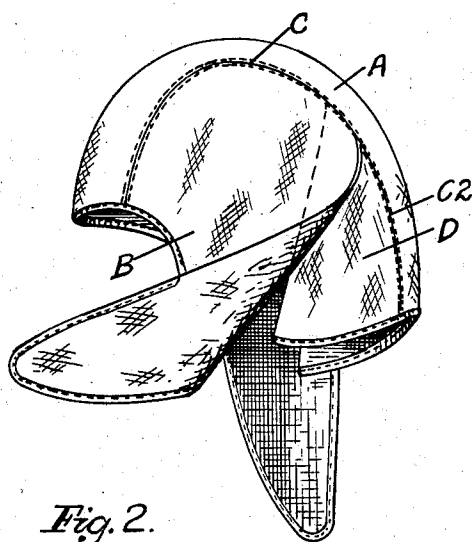


Fig. 2.

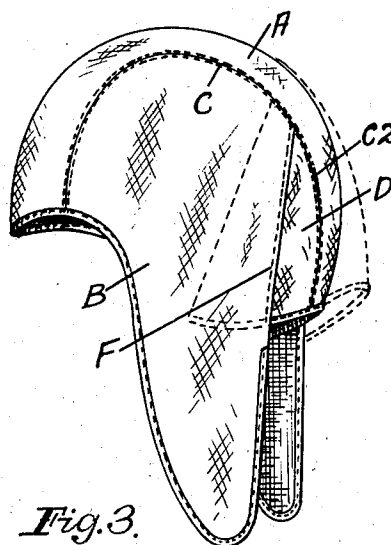


Fig. 3.

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HELMET

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This invention relates to headwear, particularly for children, and the primary object is to provide a cap of the helmet type which is readily adjustable as to size whereby it eliminates the necessity of designing and manufacturing the cap in numerous sizes, and enables the purchaser to readily adjust the size either after initially purchasing the article, or to from time to time do so as the child grows; or, if it is to be worn by another child having a different head size. Any sewed cap or helmet may of course be adjusted as to size by ripping up what are designated as permanent seams and then establishing new seam lines and resewing. This method, however, is almost never practiced, because the "shoe stitch" type of seam usually employed is very difficult to reproduce, except in a factory, and also because there is no allowance of extra material for enlarging the size, which of course is more often required than in reducing the size. Elastics, adjustable straps, and similar devices have been attempted but are invariably unsatisfactory because they are either inefficient and impractical or are objectionable because of the folds, gathers, or tucks necessarily made in the material proper.

To overcome these and still other objections I have designed and perfected the cap or helmet construction hereinafter described and which is illustrated in the accompanying drawing, wherein:

Fig. 1 is a perspective side elevation of a helmet embodying my invention and showing it in the condition in which it is completed in the factory and subsequently placed on sale.

Fig. 2 is a perspective elevation of the cap as shown in Fig. 1, but with certain basting threads removed, and with one ear flap in a raised position.

Fig. 3 is a perspective elevation similar to Fig. 1, but showing certain sections in adjusted positions and so attached by more permanent stitchings in lieu of the temporary bastings.

Referring to the drawing more particularly and by reference characters, A designates the center section of the helmet and extends from the front to back extremities thereof being arched or upwardly curved both longitudinally and transversely so as to snugly fit over the head. This section is ordinarily made in two lateral strips connected by a central seam to secure better form fitting transverse curvature, but is here referred to as a single section for purpose of convenience in description. Secured to each side edge of the section A is a relatively large forward section B extending downwardly to cover the ears and may

be secured under the chin in any suitable manner. These sections A and B have their adjacent curved edges sewed together, as at C, by a permanent seam of stitchings, and this seam is preferably of the so called "shoe stitch" type as it most efficiently lends itself to this class of work. To each rear lateral edge of the section A is secured a substantially triangular section D, it being permanently attached by a continuation C2 of the shoe stitch C, and although C and C2 constitute a single seam it may be noted that over a short space the seam simultaneously attaches overlapped edge portions of the two sections B and D to the center section A.

As shown in Fig. 1, the rear edge portion of the section B overlaps the forward vertical edge portion of the section D, and normally these two edges are substantially parallel, as when the cap sections are arranged for average head size. And when the cap leaves the factory the sections B and D are temporarily secured together in this position by basting or other temporary stitchings E, which need only extend part way down to hold the parts in position and to demonstrate where more permanent stitchings should be made.

When the helmet is purchased by for instance the mother or maid of a child and she finds it is too large she first removes the bastings E (as in Fig. 2), and then with the cap in place upon the child's head she moves the two side sections D and the lower rear end of the section A in until the helmet snugly encloses the head. When the parts are thus adjusted a chalk mark may be made on the section D at the point where the rear edge of section B stops, or the overlapped portions of the sections B and D may be pinned or otherwise held together while the cap is removed from the head. The two overlapped section portions are then securely fastened together by a row of stitchings F, which may be made by hand sewing or better by any domestic type of sewing machine.

To enlarge the head size the bastings E or stitchings F are ripped up, and the parts resecured after the back parts have first been pulled out to the proper extent, it being understood that the section D is made large enough so that it will remain overlapped, at least sufficient for sewing by the stitchings F, even when adjusted for relatively large head sizes. A tag or label with brief printed instructions for making adjustments, is preferably attached to the article before being sold, so that the purchaser will have no difficulty in understanding how size adjustments should be made.

It will thus be seen that I have by a very

simple yet effective method provided practical means for adjusting head sizes without necessitating the use of buckles, elastics, straps, etc., and yet leaving the article free from complications, neat in appearance, and unobjectionable in use.

It is understood that various modifications may be made in the design and structural features of the article as disclosed, provided such modifications come within the spirit and scope of the appended claims. Having now therefore fully illustrated and described my invention, what I claim to be new and desire to protect by Letters Patent is:

1. A head covering helmet comprising an elongated, upwardly arched and transversely curved central section extending from front to back to snugly fit over the head, and side sections for snugly fitting the sides of the head and having curved edges secured to lateral edges of the central section by permanent stitchings, at least one of said sections including two overlapped parts relatively adjustable to regulate the head size of helmet proper and secured together after the same have been adjusted to the desired relative positions.

2. A head covering comprising a central section extending from front to back, and side sections having curved edges secured to lateral edges of the central section by permanent stitchings, each of said side sections comprising two relatively adjustable parts having overlapping free edge portions adapted to be secured together with the outer face of one portion in surface contact with the inner face of the other portion.

3. A head covering comprising a central section extending from front to back, and side sections having curved edges secured to lateral edges of the central section by permanent stitchings, each of said side sections comprising a forward portion arranged to substantially cover the side of the head, and a rear portion having a front free edge adapted to extend forwardly under a rear free edge of the forward portion so as to

be adjustably overlapped thereby and adapted to be secured thereto.

4. A head covering of the helmet type having a top portion upwardly arched from front to back and also transversely to snugly fit the top, back, and forepart of the head, opposite side portions of the covering proper including forward and rear sections having free overlapping edge portions extending downwardly from points of attachment to the top portion, whereby the rear sections may be adjusted forwardly or rearwardly in conjunction with the rear part of the article to regulate the head size of the covering proper, and means for attaching the forward and rear sections together to positively maintain the desired head size.

5. A head helmet shaped to snugly enclose the top, back, and sides of the head, and comprising portions connected at adjoining edges to form the head enclosure, two of said portions at opposite sides of the helmet each being sectionally formed and with the sections of each portion adjustably overlapped and for attachment with each other, whereby certain other portions of the helmet proper may be flexed and said sections relatively adjusted to enlarge or reduce the head size of the helmet proper and before such sections are attached to each other to maintain the parts in properly adjusted head size positions.

6. A head helmet shaped to snugly enclose the top, back, and sides of the head, and comprising a top portion extending from front to back and arched both longitudinally and transversely and side portions connected to the top portion to form the head enclosure, at least one of said helmet portions being sectionally formed and having such sections adjustably overlapped and for attachment with each other, whereby an adjacent other portion of the helmet proper may be flexed and said sections relatively adjusted to enlarge or reduce the head size of the helmet proper and before such sections are attached to each other to maintain the parts in properly adjusted head size positions.

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