June 9, 1953 R. J. ERNST 2,640,991

LIP SHIELD

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FIG. 1

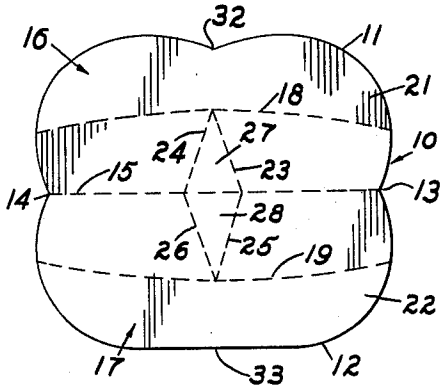


FIG. 2

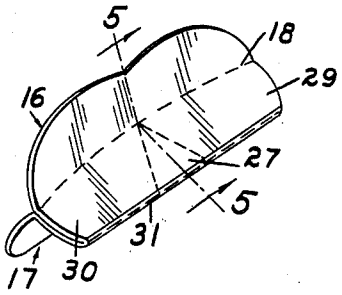


FIG. 3

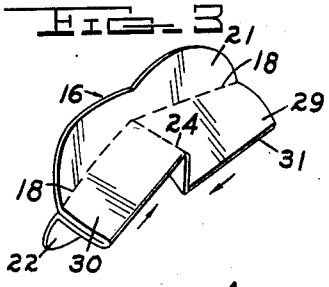


FIG. 5

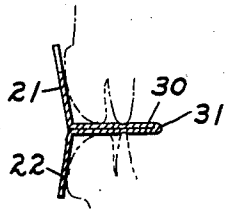


FIG. 4

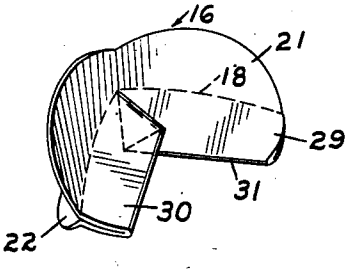


FIG. 6

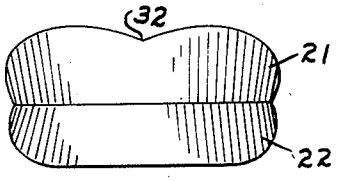


FIG. 8

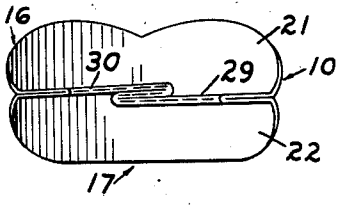
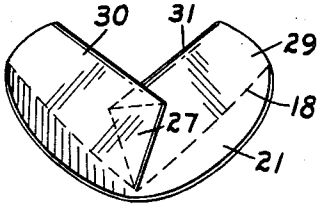


FIG. 7



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LIP SHIELD

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3 Claims. (Cl. 2—174)

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This invention relates to a lip shield of the type commonly used by women for preventing soiling of garments with lipstick and the like when the garments are put on or removed, such as by slipping them over the wearer's head.

It is the object of this invention to produce a lip shield of the type described which is constructed from a flat foldable blank of sheet material and which in the folded condition provides a pair of lip protecting members which are held firmly in a position to shield the user's lips when the folded portion of the blank is gripped between the user's teeth.

In the drawings:

Figure 1 is a plan view of the lip shield blank prior to folding.

Figure 2 is a perspective view of the blank in a partially folded condition.

Figure 3 is a perspective view of the blank showing the manner in which it is folded into its final shape.

Figure 4 is a perspective view of the completely assembled lip shield.

Figure 5 is a sectional view taken substantially along the lines 5—5 in Figure 2.

Figure 6 is a front elevation of the lip shield shown in Figure 4.

Figure 7 is a top view of the lip shield.

Figure 8 is a rear view of the lip shield.

The lip shield of this invention is preferably formed of sheet material such as heavy paper or the like and comprises a blank 10 shaped generally as indicated in Figure 1. One edge 11 of the blank is fashioned to correspond more or less to the general lip line of an upper lip while the opposite edge 12 of the blank is shaped to conform to the lip line of a lower lip. At each end of the blank 10 edges 11 and 12 are rounded and intersect at approximately the mid portion of the blank as indicated at points 13 and 14. In order to permit folding of the blank readily and accurately into a shape adapted for use as a lip shield, the blank is provided with a plurality of score lines or lines of perforation. One score line 15 extends across blank 10 between points 13 and 14 and divides the blank into upper and lower portions, 16 and 17, respectively. The upper portion 16 is provided with a score line 18 extending across the blank and spaced between the upper edge 11 and the score line 15. The lower portion 17 of the blank is likewise provided with a score line 19 spaced between the lower edge 12 and the score line 15. Score lines 18 and 19 are preferably of slightly arcuate contour and symmetrical with respect to score line 15. Lines 18 and 19

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are spaced from the edges 11 and 12 so that the outer portions of the blank defined by these score lines form upper and lower lip protecting members 21 and 22 which, when the blank is folded in a manner to be described, are adapted to extend before and shield the user's lips.

The blank 10 is also scored along the lines indicated at 23, 24, 25 and 26. Lines 23 and 24 extend at one end from line 15 and intersect at their other end at line 18 to form a triangular shaped dart 27 on the upper half 16 of blank 12 and lines 25 and 26 form a similar dart 28 on the lower half 17 of blank 10. Darts 27 and 28 are preferably symmetrical with respect to score lines 15 and located midway between points 13 and 14.

For the purpose of convenience in packing and dispensing, the lip shields will normally be supplied to the user in the flat, that is, in the form of the blank shown in Figure 1. When it is desired to assemble the blank into the usable form of a lip shield, the blank is first folded flat on itself along score line 15 and the lip protecting members 21 and 22 are bent outwardly away from each other along score lines 18 and 19 as is shown in Figure 2. When folded in this manner, a pair of bite members 29 and 30 are provided which are adapted to be gripped between the user's teeth. The bite members 29 and 30 are then pleated in the flat by folding them in a direction toward each other along the folded edge, 31 as indicated by the arrows in Figure 3, so that they overlay the darts 27 and 28. The lip protecting members 21 and 22 are thereby provided with a curvature in the longitudinal direction, as shown in Figures 4 and 7, which conforms more or less to the receding contour of the face in the region of the mouth. The curved contour thus imparted to the lip protecting members 21 and 22 prevents these members from being bent downwardly toward one another and serves to maintain them substantially perpendicular to the bite portions 29 and 30. After the blank has been folded in this manner, it may be inserted into the user's mouth and the bite portions 29 and 30 gripped between the user's teeth. It will be appreciated that with the folded portion of the shield gripped between the user's teeth, the bite members 29 and 30 will be held in the pleated condition and will thereby maintain the curved contour of the lip protecting members 21 and 22. Since this curved contour serves to hold the lip members in an upright position before the user's lips, the lip members are prevented from being accidently or otherwise bent downwardly away from the

user's lips as long as the folded portion is gripped firmly between the teeth.

If, instead of forming score lines 18 and 19 with an arcuate contour as shown in Figure 1, blank 10 is scored with straight lines along the inner edges of the lip protecting members 21 and 22, it will be appreciated that in the folded position of the lip shield the lip protecting members will not have an arcuate contour in the longitudinal direction. Each of the lip protecting members will merely have one half thereof angularly disposed with respect to its other half. If the latter construction is employed, each of the lip members may, if desired, be provided with a score line extending from the apices of darts 26 and 27 to the mid point of edges 11 and 12 as indicated at 32 and 33.

I claim:

1. A lip shield comprising a blank of light sheet material having along opposite sides thereof outer portions shaped to provide lip protecting members and a central portion connecting said outer portions, said central portion being arranged to be folded flat upon itself along a line spaced substantially midway between said outer portions to present a folded edge with the lip protecting members in substantial juxtaposition, said lip protecting members being arranged to be bent outwardly along their inner edges away from each other so as to extend before and shield the upper and lower lips when the central portion is folded along said line and gripped between the user's teeth, said central portion being scored from said line to the inner edges of said lip protecting members, said scoring being arranged to permit angular pleating of said central portion when folded with the pleated portion sandwiched between adjacent sections of said folded central portion so as to shorten the effective length of said folded edge of said central portion relative to the inner connecting edges of said lip protecting members.

2. A lip shield comprising a blank of sheet material provided with a pair of arcuate shaped score lines spaced inwardly from opposite edges thereof to form a pair of lip protecting members along opposite edge portions of said blank, said blank also being provided with a substantially straight score line spaced midway between said other score lines, said blank being further provided with score lines extending in spaced relation from said central score line and converging at said first mentioned score lines to form integral triangularly shaped portions therebetween, said triangular portions being centrally located between the edge portions of said blank, whereby when said blank is folded flat upon itself along said central score line with said lip portions bent outwardly away from each other along said first mentioned score lines and with said folded portion pleated so that said triangularly shaped portions interlay between adjacent sections of said folded portion, said lip protecting members are provided with an arcuate contour in horizontal section which serves to maintain them in said outwardly bent position when said folded central portion is gripped between the user's teeth.

3. A lip shield comprising a blank of sheet material shaped to provide a pair of spaced apart lip protecting members along opposite edge portions of the blank and a central portion between said lip protecting members, the inner longitudinal edges of said lip protecting members forming the connecting edges between said lip protecting members and said central portion, said blank being scored along said connecting edges, said central portion being scored along a central line spaced substantially midway between said connecting edges to permit folding of the central portion flat upon itself, said central portion being provided with at least two additional pair of score lines, each pair of score lines extending in opposite directions from said central score line and the score lines in each pair converging at a point on said connecting edges to form triangularly shaped portions on opposite sides of said central score line, said triangularly shaped portions being in substantial juxtaposition when the central portion is folded flat upon itself along said central score line.

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