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DISPOSABLE SAFETY RAZOR

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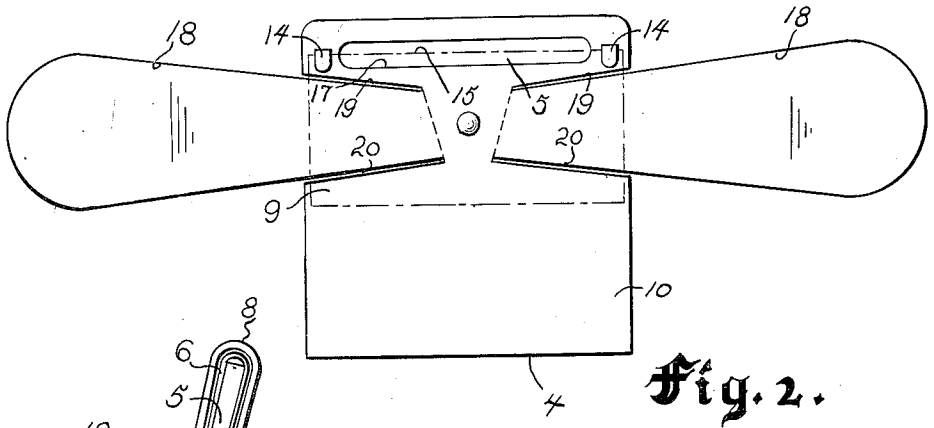



Fig. 2.

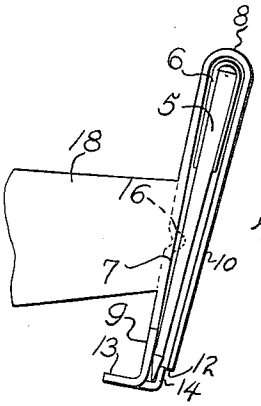



Fig. 3.

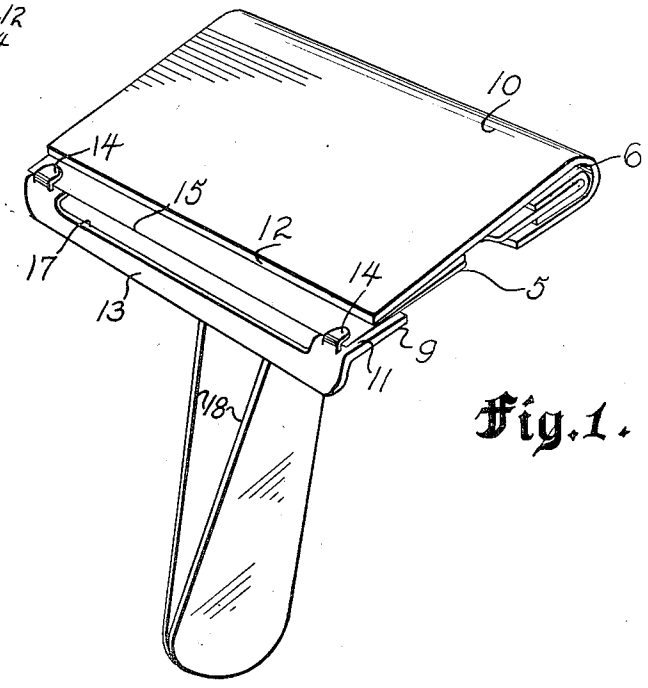



Fig. 1.

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## DISPOSABLE SAFETY RAZOR

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2 Claims. (Cl. 30—47)

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This invention relates to a disposable safety razor composed preferably of a single-edge blade and a handled holder or body assembled together, the primary object of the invention being to provide a razor of this kind in such compact and inexpensive form that a plurality of the razors can be put up in a small package and each razor thrown away after use.

Another important object of the invention is to provide a razor of the above-indicated character which is safer and more sanitary to use because handling of the blade by the shaver is eliminated, and the razors can be put up in individual sanitary packages and marketed in packages of several razors or vended singly or in combination with other related objects, such as small tubes of shaving cream, in vending machines.

Other important objects and advantageous features of our invention will be apparent from the following description and the accompanying drawings, wherein, for purposes of illustration only, a specific embodiment of the invention is set forth in detail.

In the drawings:

Figure 1 is a perspective view of the razor ready for use;

Figure 2 is a bottom plan view of the blank before folding, with the handles in the positions they occupy before being bent into operative positions;

Figure 3 is an edge elevation.

Referring in detail to the drawings, wherein like numerals designate like parts throughout the several views, a generally conventional form of single-edge razor blade 5 is shown, having the back edge enveloped in a channel reinforcement 6, and being formed with a centralized hole 7.

The handle-equipped head of the razor comprises preferably a single sheet 4 of relatively stiff but inexpensive material, such as metal or plastic, the sheet being generally rectangular and folded between its ends at 8, so as to provide the lower part 9 and the overlying upper part 10, these parts being tensioned toward each other.

The lower part 9 is somewhat wider than the upper part 10 and has a free edge portion 11 extending beyond the terminal edge 12 of the upper part, the edge portion 11 being bent downwardly or outwardly substantially at right angles to provide the guide 13. At the upper edge of the guide 13, the edge portion 11 is formed with rearwardly-directed hooks 14, 14 at its opposite ends engaging the cutting edge 15 of the razor blade 5 so as to hold the head of the blade against the fold 8. A projection 16 centered on the lower part 9

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engages the blade hole 7 and thereby precludes shifting of the blade 5.

The edge portion 11 of the lower part 9 is formed with an elongated slot 17 exposing the cutting edge 15 of the blade 5, the slot 17 being formed half in the guide 13 and half in the remainder of the edge portion 11, whereby the blade edge 15 is positioned midway between the sides of the slot 17.

Formed on the lower part 9 are spatula-shaped handle portions 18, 18 which are similar in form and extend beyond the ends of the lower part 9, as shown in Figure 2, before the razor is made ready for use. Inner portions of the handles are separated from the lower part 9 by converging slits 19 and 20, the slits 20 being longer than the slits 19, whereby, upon being bent downwardly toward each other to the operative positions shown in Figure 1, the handle portions 18 become bent along divergent lines 21, 21, so that the razor head is given the desired shaving angle relative to the handle portions 18, as indicated in Figure 3.

We claim:

1. In a disposable razor, a head consisting of a sheet bent along a longitudinal line and providing two overlying plates having free edges and end edges, means for securing a blade between said plates with a cutting edge exposed beyond a free edge of one of said plates, one of said plates being formed in its end edges with pairs of laterally spaced longitudinal slots having longitudinally inward ends, the longitudinally inward ends of the slots of the pairs being in longitudinally spaced relation so as to define handle portions arranged to be bent toward each other to together form a handle.

2. In a disposable razor, a generally rectangular sheet bent along a longitudinal line to provide superimposed plates having free edges and end edges, the plates being arranged to receive a razor blade therebetween with an edge of the blade exposed beyond the free edge of one of the plates, one of said plates having longitudinally elongated extensions on its ends providing handle portions, the said one plate being formed with pairs of laterally spaced longitudinal slots opening through its end edges, the pairs of slots being laterally spaced from the longitudinal edges of said one plate and extending longitudinally along the longitudinal edges of said handle portions, said handle portions initially extending in the plane of said one plate and being arranged to be bent longitudinally inwardly toward each

other at the longitudinally inward ends of the pairs of slots to form a handle.

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