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DISPOSABLE SAFETY RAZOR WITH INTEGRAL BLADE

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It is thought that the use of the razor will be readily apparent from a consideration of the foregoing. As shown in FIGURE 3 of the drawing, the complete razor is produced from a blank 18 comprising a single sheet of metal. The blank 18 includes a substantially rectangular plate 19 which is rolled to provide the handle 6. Of course, the handle 6 is gripped in either hand and the blade 15 is drawn over the skin in the usual manner. The member 17 functions as a gauge and a guard for the cutting edge 16 of the blade 15, as will be understood. The construction and arrangement are such that the blade 15 and the guard 17 are bendably adjustable relatively to each other. The tubular handle 6, being unobstructed and open at both ends, is adapted to receive therein miniature shaving cream tubes, short styptic pencils, etc., from sliding out of the handle 6 through the forward end thereof.

In the modification of FIGURE 5 of the drawing, reference numeral 22 designates a handle of a suitable plastic or other material on which the head 7 is mounted. Toward this end, one end portion of the plastic handle 22 has formed therein a slot 23 in which terminal of the head 7 is securely held in any suitable manner. In other respects this form of the invention is substantially similar to the embodiment of FIGURE 1 of the drawing.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A one-piece disposable safety razor comprising an elongated tubular handle, a generally planar rectangular head plate longitudinally spaced from one end of the tubular handle, an angularly related flange integral with one edge of the plate, said flange having side edges converging from a maximum width at approximately said one edge of the plate, and a relatively narrow neck integral with the narrow end of the flange and said one end of the tubular handle, said head plate having an elongated slot adjacent the free edge thereof, said slot terminating at each end in a rearwardly extending slot forming in effect a U-shaped slot defining a blade portion, the edge of the blade portion bordering the first mentioned elongated slot being bevelled so as to form a cutting edge, the portion of the plate between the first mentioned elongated slot and the free edge of the plate being downwardly bent so as to form a guard for the cutting edge parallel to said cutting edge.

2. A disposable combination razor head and blade consisting of a single flat sheet of metal angularly bent so as to form a single thickness plate and a flange depending at an angle therefrom, said plate having an elongated slot adjacent the free edge thereof, said slot terminating at each end in a rearwardly extending slot forming in
effect a U-shaped slot defining a blade portion, the edge of the blade portion bordering the first mentioned elongated slot being bevelled so as to form a cutting edge, and the portion of the plate between the first mentioned elongated slot and the free edge of the plate being downwardly bent so as to form a guard for the cutting edge parallel to said cutting edge.

References Cited in the file of this patent

UNITED STATES PATENTS

2,550,056 Foltis ---------------- Apr. 24, 1951
2,871,560 Eberbaugh -------------- Feb. 3, 1959
2,911,713 Kuhnl ---------------- Nov. 10, 1959