Sept. 18, 1962 HIROSHI KITASHIRO 3,054,181

THROWAWAY RAZOR

Filed March 23, 1959

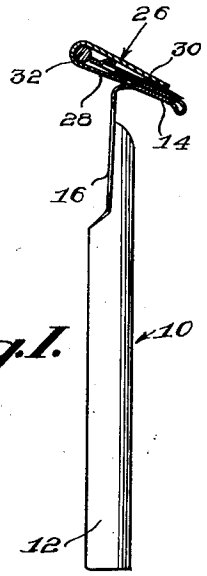


Fig. 1.

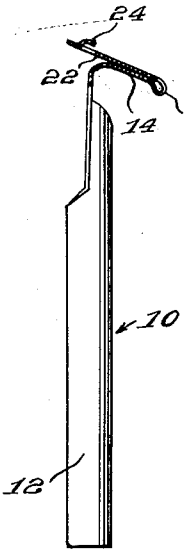


Fig. 5.

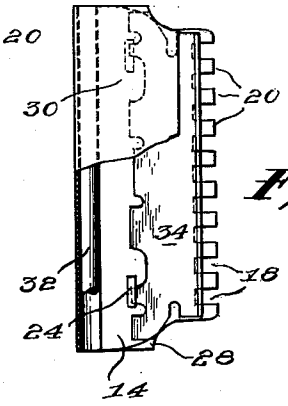


Fig. 2.

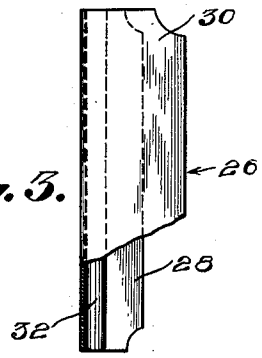


Fig. 3.

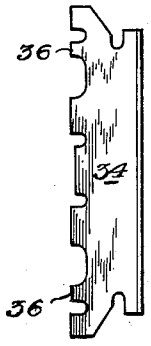


Fig. 4.

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THROWAWAY RAZOR

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This invention relates to a throw-away razor, especially to a safety razor of the type which is so inexpensive that it may be discarded after being used once, or at most a few times, until dull.

An object of this invention is the production of a razor of the type described which can be manufactured at low cost and is of simple construction.

A further object of this invention is the construction of a razor of the type described which may be made of sheet metal, and particularly of metal which otherwise might be waste.

Another object of this invention is the production of a razor by stamping and folding sheet metal.

Still another object of this invention is the production of a razor by stamping from scrap "tin" (coated sheet iron), such as may be left in the can making art.

A still further object of this invention is the production of a razor using half a double edged blade.

A further object of this invention is the production of a razor which may be dispensed from coin operated vending machines in hotels, railway and bus stations etc.

These and other objects will appear in the following specification, which when taken with the accompanying drawings forms a disclosure of my invention.

In the drawings:

FIG. 1 is a side elevation of the razor of this invention;

FIG. 2 is a plan view thereof with parts broken away;

FIG. 3 is a plan view of the blade clip, with parts broken away;

FIG. 4 is a plan view of half a double edged blade; and

FIG. 5 is a side elevation of the frame and handle.

Referring now to the drawings wherein like characters of reference indicate like parts throughout the several views, **10** represents the frame and handle of my razor having a handle portion **12** and a head portion **14**. The handle **12** and head portion **14** are formed of light sheet metal such as the tin coated sheet iron used in "tin" cans. This metal may be left from a sheet used for "tin" can blanks. The blank for the handle **12** may be folded into a tube having a substantially planar extension **16**. The metal of the extension is then bent forwardly at an acute angle to form the head **14** having openings for notches **18** and dents **20**. The metal is then folded back on itself on the midline of the notches **18** and the dents **20** to form a blade holding shelf **22**.

The openings for the notches **18** and the dents **20** may be punched in the blank prior to assembly. At the same time lugs **24** may be struck up from the shelf portion **22**.

A clip member **26** is formed from a blank folded upon itself to form a lower clamping lip **28** and an upper clamping lip **30**. This clamp may be folded about a reinforcing and positioning wire **32**.

A blade **34** is formed by breaking or cutting a dobule edged blade, such as a Gillette blade, along the longitudinal center thereof, so that each double edged blade forms two blades for my razor. The blade **34** thus formed has two projections **36** left by the material between the original positioning openings. The projections **36** engage under the lugs **24** on the shelf portion **22** to position the blade for shaving. With the blade **34** in position, the clip **26** is slid endwise over the blade **34** and the shelf **22** to hold the blade in shaving position.

I claim:

1. In a throw away razor blade holder adapted to hold a blade consisting of half a double edged, razor blade, a tubular handle formed of sheet material, a razor blade holding shelf integral with said handle, said shelf comprising a first portion extending forwardly of said handle at an angle thereto slightly less than a right angle, a second portion extending rearwardly closely adjacent to and substantially parallel to said first portion and integral therewith at the forward edge of the first portion, said second portion having upstanding lugs near the rear edge thereof for positioning a blade thereon, said first portions and said second portion having comb forming serrations adjacent the forward edges thereof, and a clip adapted to embrace the shelf and a blade mounted thereon.

2. The structure as defined in claim 1 wherein the clip comprises a portion of sheet material folded upon itself and including a stop and positioning rod mounted within the fold thereof.

References Cited in the file of this patent

UNITED STATES PATENTS

933,317	Mallery	Sept. 7, 1909
957,008	Smith	May 3, 1910
1,028,461	Hetlyn	June 4, 1912
1,210,006	Schmitt	Dec. 26, 1916
1,358,442	Hasson	Nov. 9, 1920
1,488,093	Carpenter	Mar. 25, 1924
1,934,151	Slama et al.	Nov. 7, 1933
2,684,529	Samko	July 29, 1954
2,713,200	Alwood	July 19, 1955
2,799,927	Beham	July 23, 1957

FOREIGN PATENTS

769,758	France	June 11, 1934