

M. FLYNN.
SAFETY RAZOR.

APPLICATION FILED JAN. 2, 1908.

901,530.

Patented Oct. 20, 1908.

Fig. 1.

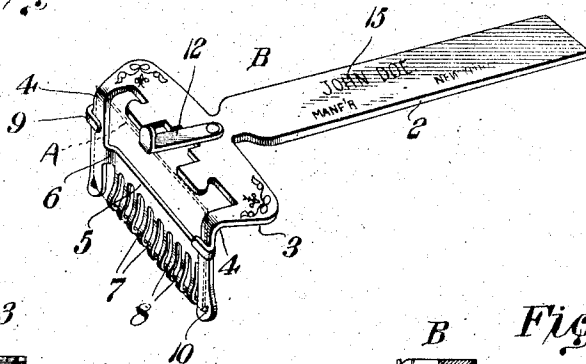


Fig. 2.

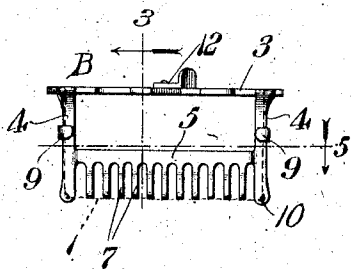


Fig. 3.

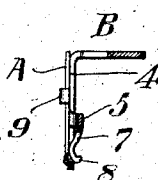


Fig. 4.

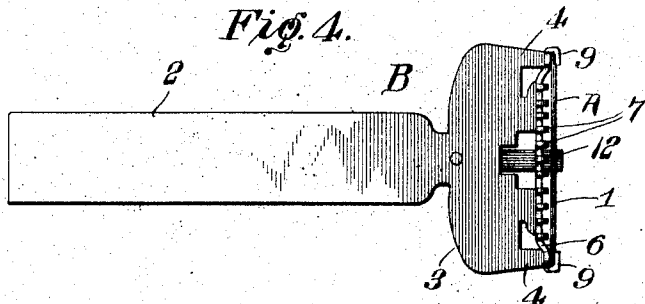


Fig. 5.

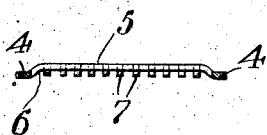
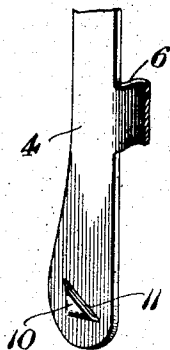


Fig. 6.



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UNITED STATES PATENT OFFICE.

MARTIN FLYNN, OF PATERSON, NEW JERSEY.

SAFETY-RAZOR.

No. 901,530.

Specification of Letters Patent.

Patented Oct. 20, 1908.

Application filed January 2, 1908. Serial No. 409,027.

To all whom it may concern:

Be it known that I, MARTIN FLYNN, a citizen of the United States, residing at Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Safety-Razors, of which the following is a specification.

This invention relates to safety razors, and it has for its object to simplify and improve the construction and operation of this class of devices.

Special objects of the present invention are to provide a safety razor which shall consist essentially of two parts, namely, the handle or holder and the blade; the blade being designed to be separably connected with the holder in such a manner as to enable the parts to be very readily connected or disassembled, as may be required.

Another object of the invention is to so simplify the construction of the holder that it may be readily manufactured at a very moderate expense.

Another object of the invention is to provide a safety razor which may be readily cleansed by simply immersing it in water or permitting the water to run over, and which shall be absolutely sanitary, providing no lurking places for germs whereby disease might be transmitted.

A still further and important object of the present invention is to construct a safety razor which may be used extensively for advertising purposes, the same being provided with a broad, flat handle upon which advertising matter may be appropriately stamped or inscribed; the improved article being of such exceeding simplicity that it may be profitably manufactured at an expense which will enable it to be advantageously used in this manner, for free distribution.

With these and other ends in view, which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claims.

In the drawings has been illustrated a simple and preferred form of the invention; it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the invention may be resorted to, when desired.

In the drawing: Figure 1 is a perspective view of a safety razor constructed in accordance with the invention, the blade being shown in dotted lines. Fig. 2 is a front end view of the holder, the blade being shown in dotted lines. Fig. 3 is a sectional detail view taken on the plane indicated by the line 3—3 in Fig. 2, and showing the blade in position. Fig. 4 is a view, in elevation, of the improved razor. Fig. 5 is a transverse sectional view taken on the plane indicated by the line 5—5 in Fig. 2. Fig. 6 is a perspective detail view enlarged of one of the corners of the holder, showing one of the lugs constituting stops and guards for the corners of the blade.

Corresponding parts in the several figures are denoted by like characters of reference.

The improved safety razor is composed of the two principal parts, namely, the blade A and the holder B. The blade is a so-called wafer blade, consisting of a thin strip of sheet steel of the proper dimensions which is sharpened along one edge to form a keen cutting edge 1; the opposite edge of the blade is permitted to remain dull.

The holder B is formed, by a well known process or succession of processes of stamping from a piece of sheet metal of suitable dimensions; any suitable metal, such as brass, aluminum, or silver being employed. The said holder includes a flat elongated portion 2, constituting a handle, said handle being provided at what may be designated as its upper end with a head 3 of suitable width, said widened portion or head lying in the plane of the handle portion 2. The head is provided at the ends thereof with arms 4, 4, which are bent in a forward direction from the head, approximately at right angles to the latter; the precise angle at which the said arms are disposed being, however, subject to variation. The arms 4, 4 are connected near their front ends by an integral cross-bar 5, which is slightly offset in a downward direction, so that it will lie below the plane in which the arms 4, 4 are disposed; the offsets which connect the cross-bar 5 with the arms 4 are designated 6, and the cross-bar is provided with a guard comb consisting of a plurality of teeth 7 extending forwardly as shown and provided at their forward extremities with hooks 8 that are turned downward and rearward in the direction of the handle 2, as will be very clearly seen in Fig. 3 of the drawings.

The arms 4 are provided at their outer side edges with blade holding clips 9 which are in the nature of flanges struck up from the metal and bent or turned in an inward direction, facing each other, so that the blade A may be slid beneath said clips or flanges, between the latter and the bodies of the arms, being thus held in position for operation. The forward extremities of the arms 4 are slightly widened in an outer direction, and are provided with stops or guards 10 for the corners of the blade; these stops or guards are preferably in the nature of struck up lugs, sector shaped, as shown, and provided with narrow arcuate slots 11 that will permit of the insertion of the forward corners of the razor blade beneath the lugs 10, which latter will thus arrest the forward movement of the blade, and hold the latter precisely in the proper position for shaving.

The head 3 is provided with a stop, adapted to engage the rear edge of the blade, so as to hold the latter in position for shaving with absolute security; this stop, as shown in the drawings hereto annexed, may consist of a small turn-button 12 pivotally mounted upon the head.

The broad, flat elongated handle portion 2 is intended to carry advertising matter, as indicated at 15 in the drawings; and it is to be understood that such advertising matter may be stamped upon the handle, or it may be applied thereto by any well known process of printing, by affixing a label upon the handle, or in any other suitable and convenient manner.

From the foregoing description taken in connection with the drawings hereto annexed, the operation and advantages of this invention will be readily understood. The simplicity of construction is apparent at a glance, and it will likewise be apparent that the device may be cleansed and kept in a sanitary condition with perfect facility. The

comb guard is offset from the plane of the arms carrying the blade just sufficiently to render the blade thoroughly efficient for shaving purposes.

The device may be manufactured at a price which will enable it to be used extensively for free distribution as an advertising novelty.

Having thus described the invention, I claim and desire to secure by Letters Patent:

1. In a safety razor, a holder comprising a handle, a head disposed in the plane of the handle, arms bent forwardly from the head at the ends of the latter, a downwardly offset cross-bar having guard teeth, said cross-bar being integral with the arms and serving to connect the latter, blade holding clips at the outer side edges of the arms, and struck up lugs at the forward ends of the arms, said lugs adapted to engage the forward corners of the razor blade and to constitute stops and guards for said corners.

2. In a safety razor, a holder, including a head, having forward extending arms provided with struck up sector shaped lugs constituting corner guards for the razor blade, said head being provided with slots adjacent to said lugs.

3. In a safety razor, a holder, including a broad, flat handle having an integral head provided with forward extending arms, an integral downwardly offset cross-bar connecting said arms and having guard fingers provided with terminal hooks, blade holding clips at the outer side edges of the arms, struck up lugs adjacent to the forward ends of the arms; and a blade engaging stop upon the back of the head adjacent to the upper edge of the latter.

In testimony whereof I affix my signature in presence of two witnesses.

MARTIN FLYNN.

Witnesses:

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