

A. BÜTTNER.
SAFETY RAZOR.

APPLICATION FILED MAY 15, 1911.

1,019,303.

Patented Mar. 5, 1912.

FIG. 1.

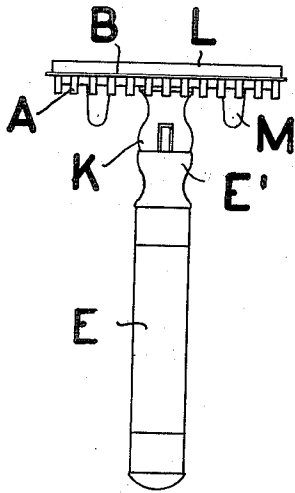
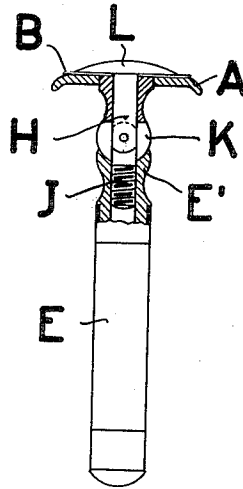


FIG. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

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SAFETY-RAZOR.

1,019,303.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALFRED BÜTTNER, citizen of Germany, residing at Krebsmühle, near Gassen, Germany, have invented new and useful Improvements in Safety-Razors, of which the following is a specification.

This invention relates to a safety razor with a handle which is adjustable by means of a joint and enables the user both to adjust the handle to the requisite position and also to clamp firmly the blade by a single operation.

In the drawing is illustrated the construction of the apparatus, in Figure 1 in front elevation and in Fig. 2 in side elevation and partial section.

The protective comb A has a projection K with a ball shaped slotted head. The covering plate L is provided with two pins M which pass through holes in the blade B formed of sheet metal, and also through holes in the protecting comb A. The covering plate L has moreover a projection H, which is carried through a corresponding cavity in the part K and has at its lower end a screw spindle I pivotally connected to it. The threading of the latter engages in the matrix of the hollow handle E. The head E' of the handle E has a concave depression which fits upon the part K of the protective comb A. It is therefore possible

to adjust the handle E and the part L together with the blade B at an angle to the handle E, and then by turning the latter to fix them. Through the turning of the handle E the screw spindle I is drawn down into it. This latter by means of the projection U carries with it the covering plate L, the blade B and the protective comb A, and presses it against the concavity in the head E' of the handle E.

In the described construction an adjustment of the holder with regard to the handle is possible in the plane of Fig. 2.

I claim:—

Improved safety razor with adjustable handle, characterized by the feature that the bolt (H, I) attached to the covering plate (L) and passing through the blade (B) and the protective comb (A) and screwed into the handle (E) is provided with a joint, the axis of which is central to the joint (K) interposed between the protective comb (A) and handle (E), so that by screwing up the bolt the blade and the joint are simultaneously clamped fast.

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

ALFRED BÜTTNER.

Witnesses:

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