E. M. HALL.

RAZOR.

APPLICATION FILED FEB. 18, 1915.

1,166,678. Patented Jan. 4, 1916.

Fig. 1

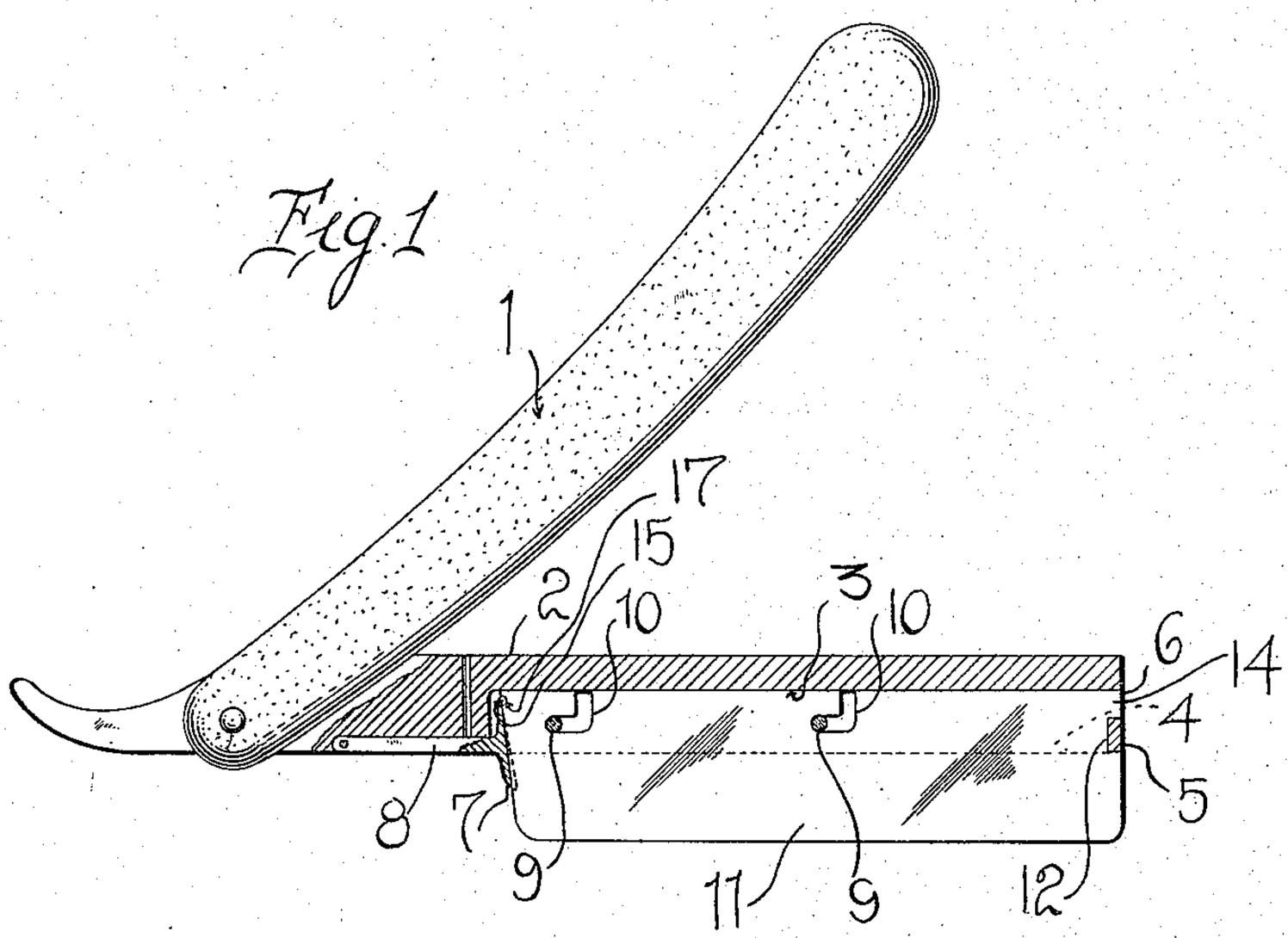


Fig 2

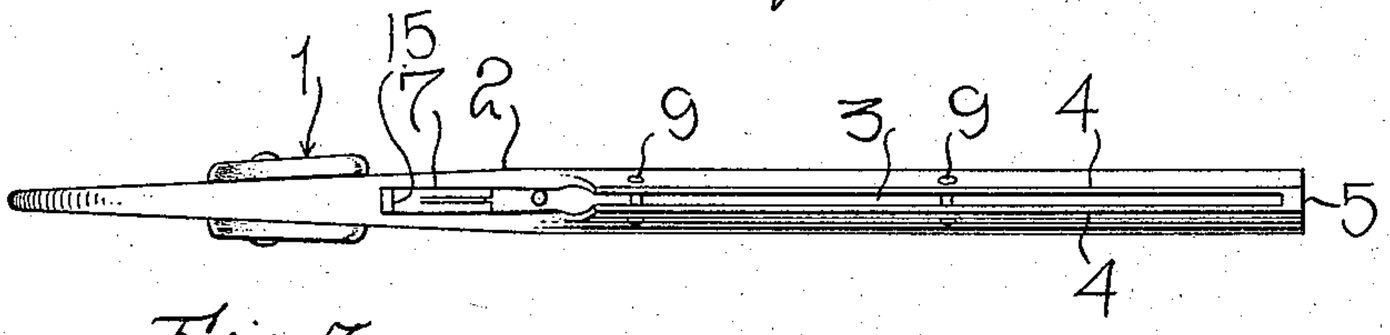


Fig. 4

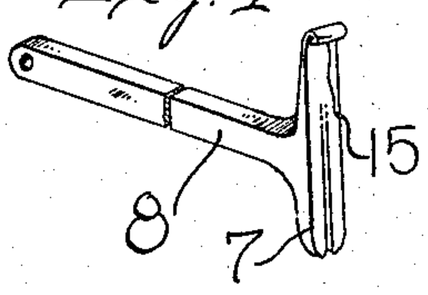
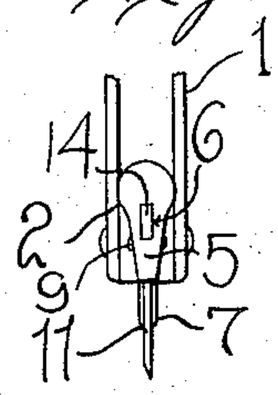


Fig. 3



Witnesses
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RAZOR.

1,166,678. Specification of Letters Patent. Patented Jan. 4, 1916.

Application filed February 18, 1915. Serial No. 9,071.

To all whom it may concern:

Be it known that I, EDWARD M. HALL, a citizen of the United States, residing at Vian, in the county of Sequoyah and State of Oklahoma, have invented certain new and useful Improvements in Razors, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in razors and has relation more particularly to a device of this general character wherein the cutting blade is detachable; and an object of the invention is to provide a device of this general character having novel and improved means whereby the blade may be applied to or removed from operative position with convenience and facility and whereby it is effectively maintained in applied position.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved razor whereby certain important advantages are attained and the device is rendered simpler, less expensive and otherwise more convenient and advantageous for use, all as will be hereinafter more fully set forth.

The novel feaures of the invention will be carefully defined in the appended claims.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein—

Figure 1 is a view, partly in elevation and partly in section, of a razor constructed in accordance with an embodiment of my invention; Fig. 2 is a bottom plan view of the device as disclosed in Fig. 1, with the cutting blade and latch removed; Fig. 3 is a view in elevation of the outer end of the device as herein embodied, the handle being shown in fragment; and Fig. 4 is a view in perspective of the latch member herein embodied.

As disclosed in the accompanying drawings, 1 denotes a handle of conventional construction having pivotally engaged therewith the arm or stock 2. The arm or stock 2 has produced longitudinally thereof a groove or channel 3, the outer end portion of the stock at opposite sides of the groove being provided with the upstanding flanges 4. The outer end of the groove and the space between the flanges is closed, as indicated at 5, and provided with the opening or perforation 6, for a purpose to be hereinafter more particularly referred to. The groove or channel 3 immediately adjacent the inner extremities of the flanges 4 is enlarged transversely in order to snugly accommodate the head 7 of the substantially T-shape latch member 8, the stem whereof being pivotally engaged within the inner extremity of the groove or channel 3.

The groove or channel 3 is intersected by the pins 9 adapted to interlock with the bayonet slots 10 produced in one longitudinal margin of the cutting blade 11. The forward end of the blade 11 is recessed, as at 12, to afford the forwardly projecting lip or lug 14 to be snugly received within the perforation or opening 6.

The inner extremity of the blade 11 has its upper portion inclined or beveled inwardly of the blade on a predetermined angle and is adapted to be engaged by the head 7 of the latch member 8, the engaging face of the head 7 being grooved to straddle the adjacent end of the blade and is of a length substantially equal to the transverse diameter of the blade whereby it will be perceived that said blade will be maintained in applied position in substantially a rigid manner. The inner extremity of the head 7 is provided with the forwardly directed extension 15 adapted to be received within a notch 17 produced in the adjacent end of the blade 11 whereby said latch member 8 is effectively maintained against movement in an inoperative position.

When it is desired to adjust the latch member 8 into an inoperative position, a suitable punch is directed through the opening produced transversely of the spoke or arm 2 and in communication with the groove 3 therein at a point removed from the inner extremities of the flanges 4 whereby it will be perceived that the latch member 8 will be readily and conveniently forced outwardly. It will also be perceived that the adjustment of the latch member 8 may be afforded by grasping with the digits of a hand the head 7.

From the foregoing description, it is thought to be obvious that a razor constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the convenience and facility with which it may be assembled, and it will also be obvious that my invention

is susceptible of some change and modification without material departure from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice.

I claim:

1. A razor including a stock provided with a longitudinally disposed groove, a blade insertible within the groove, the inner end of said blade being beveled, coacting locking means carried by the blade and the stock for maintaining the same within the groove, a substantially T-shaped latch member, the stem of said member being pivotally engaged with the stock at a point inwardly of the inner end of the groove, a portion of the head of the member being adapted to extend within the groove, the free extremity of said portion being provided with a forwardly directed extension, the adjacent portion of the beveled end of the blade being provided with a notch to receive said extension, the opposite end portion of the head being provided with a groove to receive the adjacent portion of the beveled end of the blade.

2. A razor including a stock provided with a longitudinally disposed groove, a blade insertible within the groove, the inner end of said blade being beveled, coacting locking means carried by the blade and the stock for maintaining the same within the groove, a substantially T-shape latch member, the stem of said member being pivotally engaged with the stock at a point inwardly of the inner end of the groove, a portion of the head of the member being adapted to extend within the groove, the free extremity of said portion being provided with a forwardly directed extension, the adjacent portion of the beveled end of the blade being provided with a notch to receive said extension, the opposite end portion of the head being provided with a groove to receive the adjacent portion of the beveled end of the blade, said stock having an opening disposed therethrough at a point below the stem of the latch member when in locking adjustment.

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

EDWARD M. HALL.

Witnesses:
J. E. IRWIN,
I. C. MORRIS.