

J. L. WATSON.  
 SAFETY RAZOR.  
 APPLICATION FILED APR. 12, 1910.

999,925.

Patented Aug. 8, 1911.

Fig. 1.

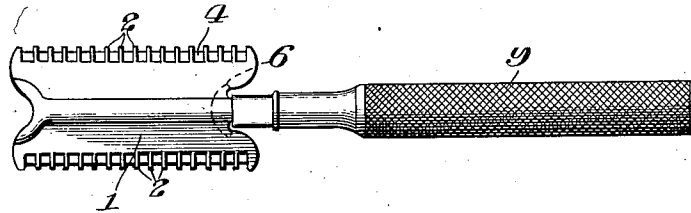


Fig. 3.

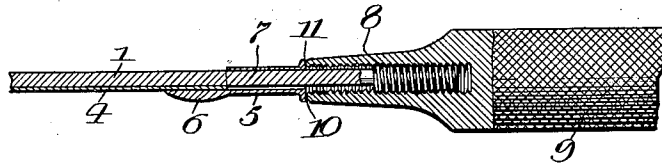


Fig. 2.

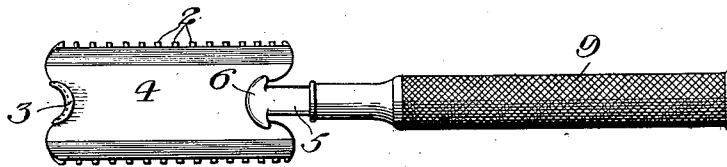
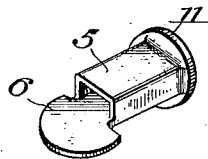


Fig. 4.



Witnesses  
 Chas. Merrick  
 Hazel Jones

Inventor  
 John L. Watson.  
 by May W. Zabel Atty

# UNITED STATES PATENT OFFICE.

JOHN L. WATSON, OF BLUE ISLAND, ILLINOIS.

SAFETY-RAZOR.

999,925.

Specification of Letters Patent.

Patented Aug. 8, 1911.

Application filed April 12, 1910. Serial No. 555,068.

To all whom it may concern:

Be it known that I, JOHN L. WATSON, a citizen of the United States, residing at Blue Island, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Safety-Razors, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to safety razors and has for its object the provision of an improved kind of razor in which a flat double-edged blade can be used, and in which said blade is used in combination with means of a novel character for securing said blade within a framework where it is confined during its use.

In mounting a double-edged safety razor blade of limited length within a framework so that the device can be used the same as an ordinary blade razor, it is of prime importance that the blade be permanently held during the operation as otherwise a slight yielding on the part of the blade will defeat the purpose for which the safety razor is intended, namely, to guard against tearing the skin during the operation of shaving.

In accordance with my invention, I provide screw threaded means movable longitudinally of the handle and controlled by the handle. This enables me to obtain a flat construction which will easily serve the same purpose as the ordinary blade razor.

I will describe my invention more in detail by reference to the accompanying drawing, illustrating the preferred embodiment thereof in which:

Figure 1 is a rear view of my improved safety razor; Fig. 2 is a front view thereof; Fig. 3 is a sectional view through the center of the razor shown in Figs. 1 and 2, and; Fig. 4 is a detail of construction.

Referring more particularly to the drawing, I show a comb like plate 1, having on its opposite longitudinal edges teeth 2, 2 formed in a conventional manner, which plate has an overturned end portion 3 adapted to receive one extremity of a safety razor blade 4, which blade is laid against the plate 1 and held in place underneath the overturned end portion 3. A movable clamp 5 having a tongue 6 similar in general shape to the overturned portion 3 is provided upon

a shaft extension 7 of the plate 1, and slides longitudinally thereon. This slidable member 5 preferably has a rectangular interior, as shown more clearly in Fig. 4, to thus be held in a substantially non-rotatable position about the said shaft extension 7. An enlarged portion of the shaft extension 7 comprises a screw threaded portion 8. This screw threaded portion is of sufficient length to accommodate a removable handle 9, which handle can thus be removed to decrease the length of the safety razor when dismantled. This removable handle is interiorly screw threaded and is designed to engage the screw threaded portion 8 so that when said handle is screwed in place, its front mouth shaped extremity 10 engages a circular ledge 11 provided upon the movable clamp 5. It will be seen from this that when the blade 4 is mounted in place upon the plate 1, the removable handle is screwed into position to thereby bring the clamp 5 into its blade holding position and to securely hold this blade in such position, thus to obviate the danger of displacement of said blade, which danger would be present were yielding means employed to hold the blade in position.

I have herein shown and particularly described a form of carrying out my invention, but I do not limit myself to the precise construction and arrangement as herein set forth, but

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A safety razor comprising a blade holder provided at one end with fixed blade engaging means, a handle support extending from the opposite end of said blade holder, blade engaging means slidably mounted upon said handle support, and a handle having screw threaded engagement with said handle support and engaging said slidably mounted blade engaging means, said handle when rotated serving to move said slidably mounted blade engaging means into engagement with the blade to thereby hold the same in position.

2. A safety razor comprising a blade holder provided at one end with fixed blade engaging means, a rectangular handle support extending from the opposite end of said blade holder, blade engaging means slidably mounted upon said handle support, and en-

gaging said rectangular handle support to thereby prevent rotation of said blade engaging means, and a handle having screw threaded engagement with said handle support and engaging said slidably mounted blade engaging means, said handle when rotated serving to move said slidably mounted blade engaging means into engagement with

the blade to thereby hold the same in position.

In witness whereof, I hereunto subscribe my name this fifth day of April A. D., 1910.  
 JOHN L. WATSON.

Witnesses:

HAZEL JONES,  
 A. LYDA JONES.