

No. 780,259.

PATENTED JAN. 17, 1905.

J. E. BAKER.
SAFETY RAZOR.

APPLICATION FILED JULY 11, 1904

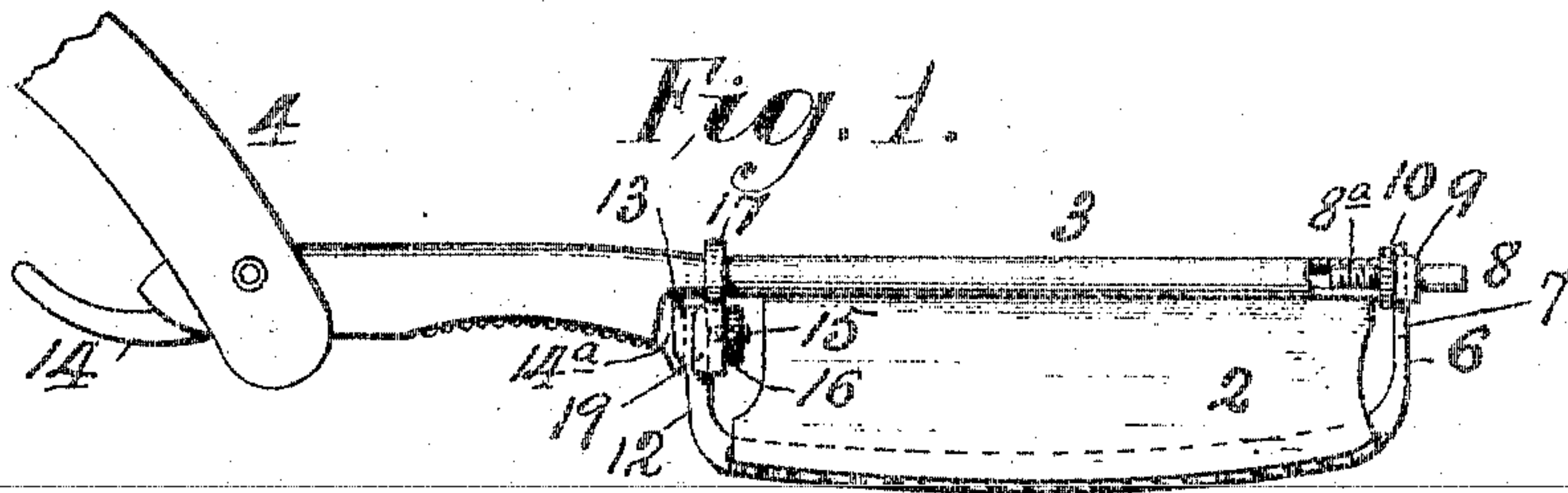


Fig. 2.

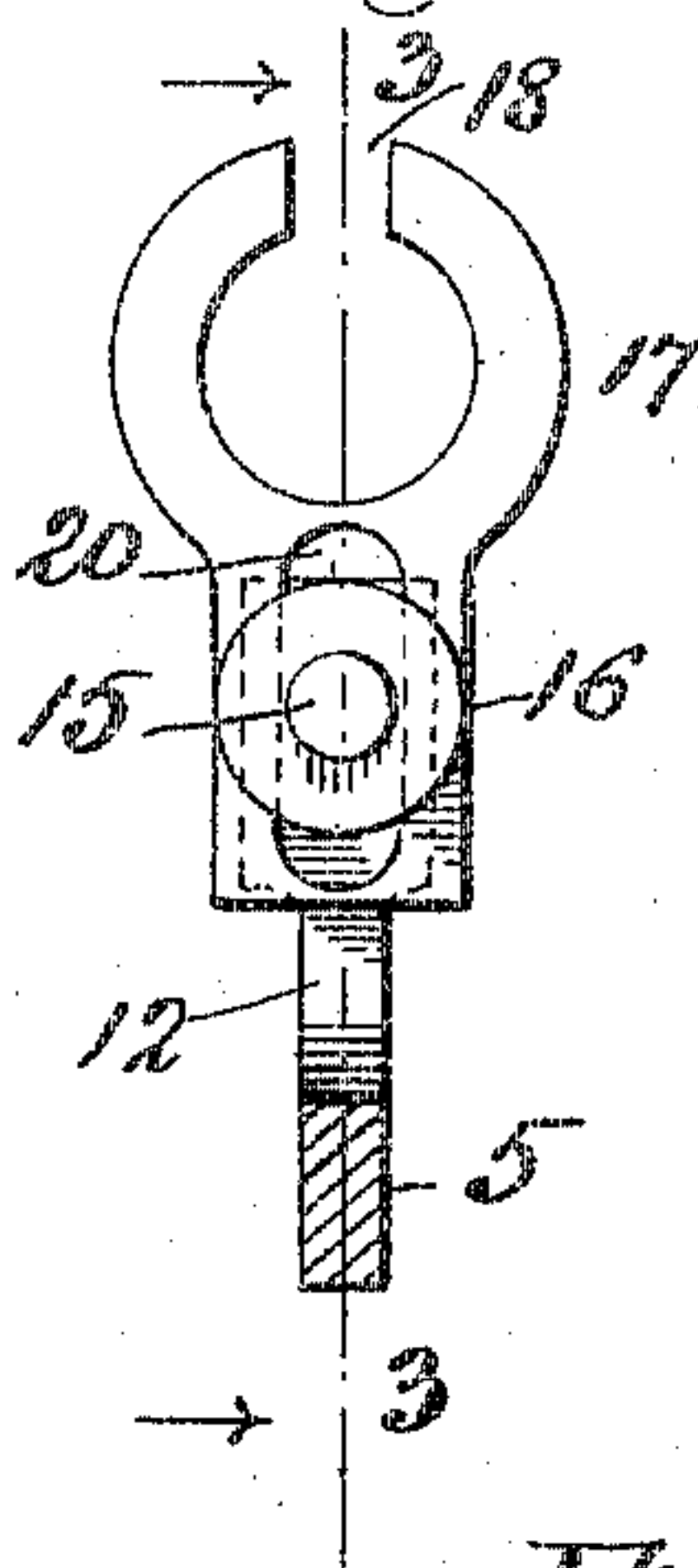


Fig. 3.

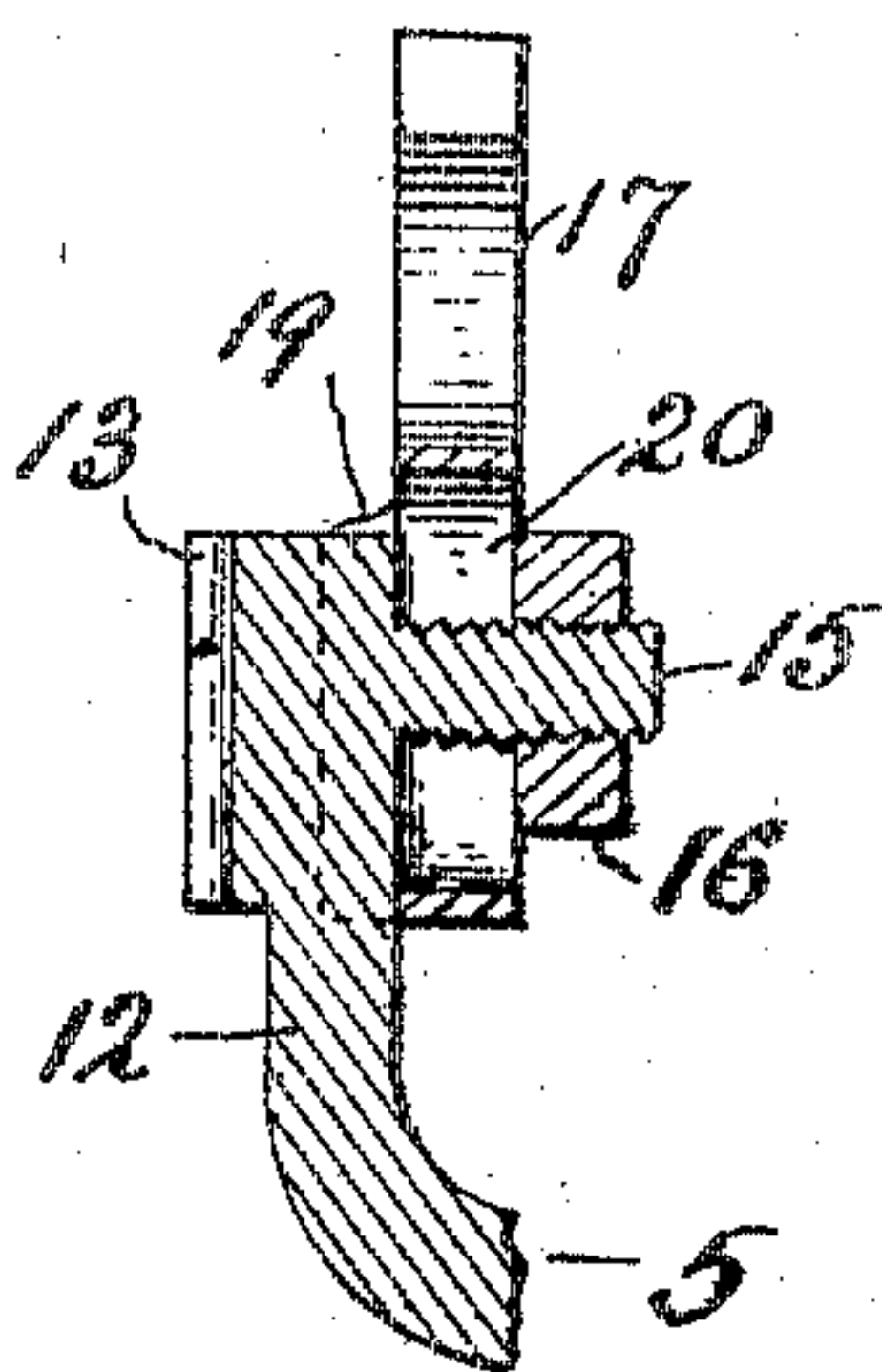


Fig. 4.

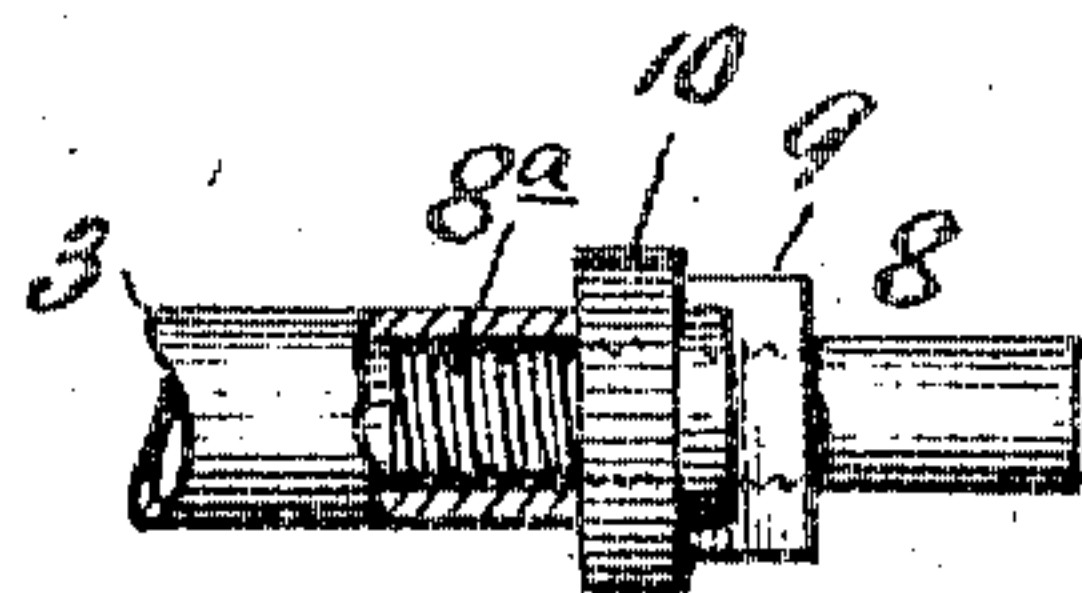


Fig. 5.

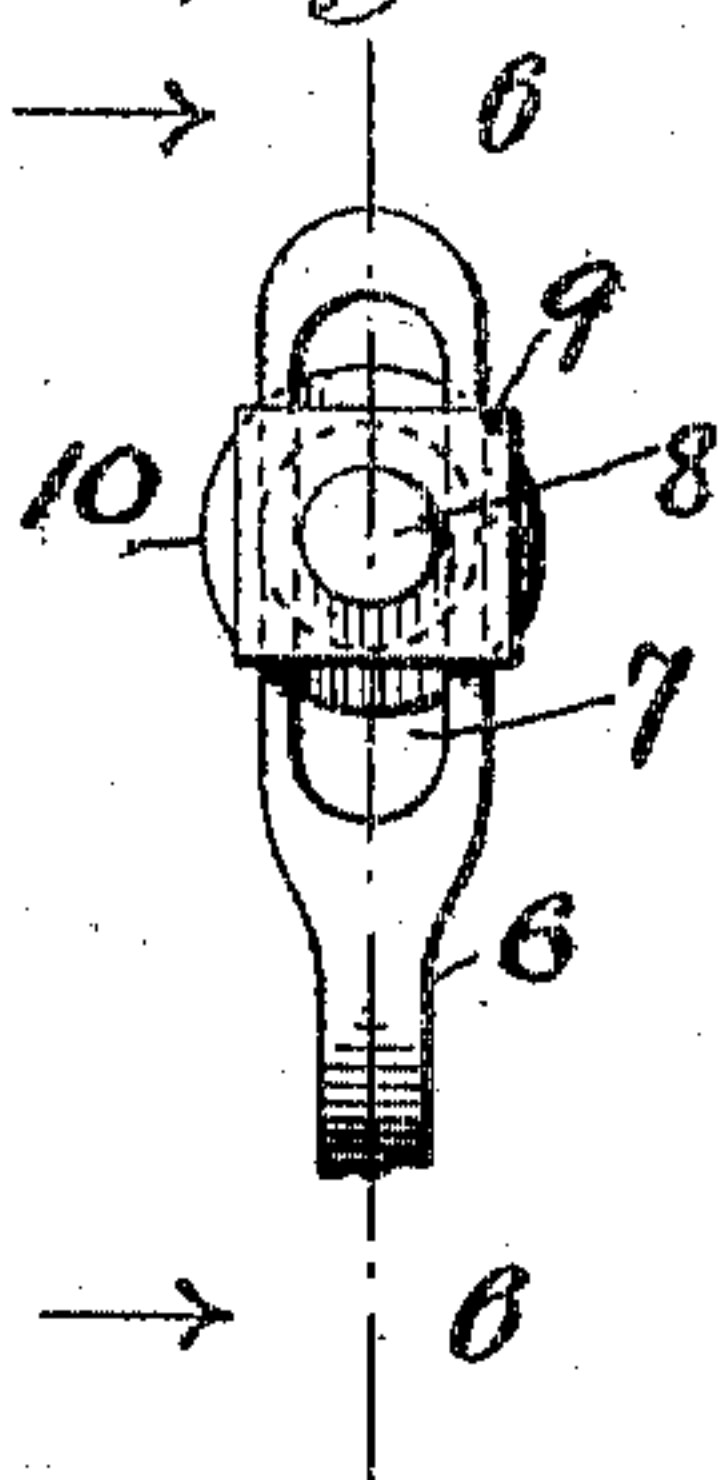
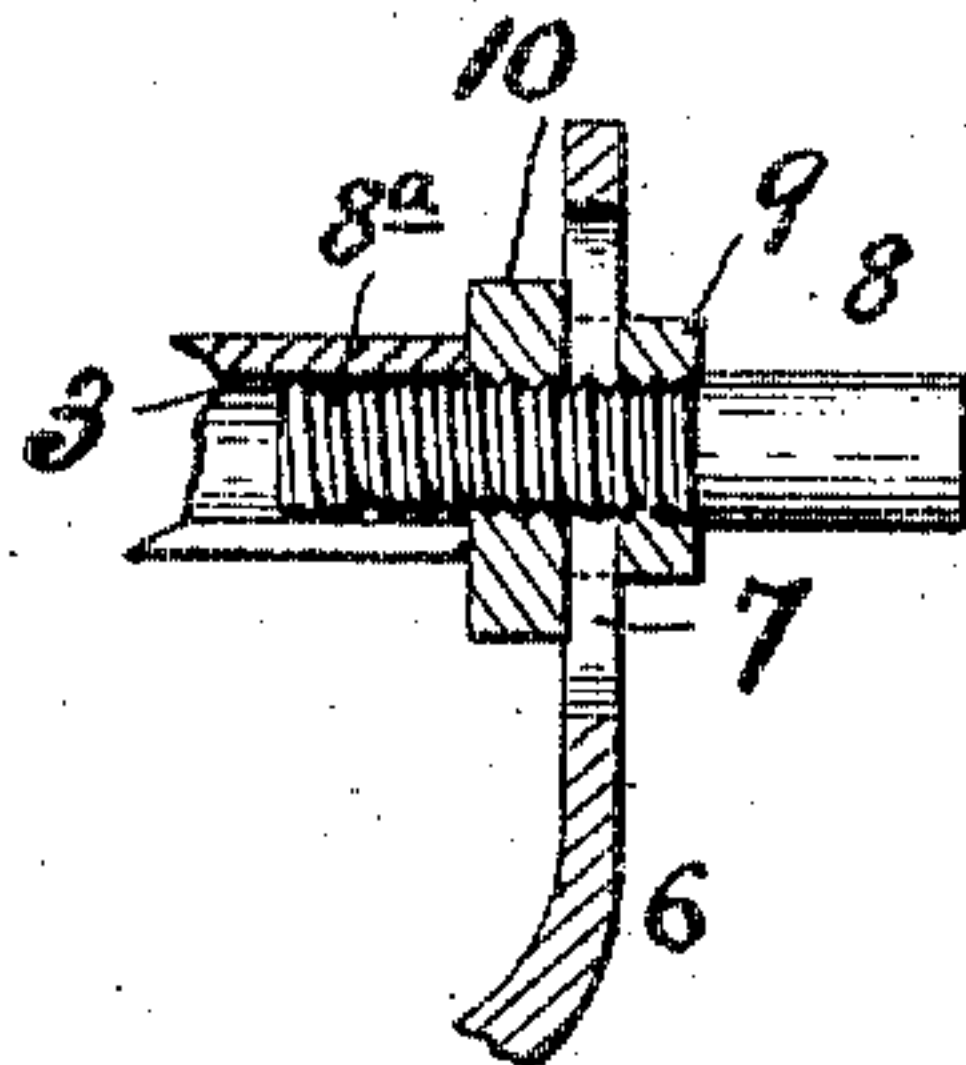


Fig. 6.



Witnesses
Edgeworth
C. Quinn

James E. Baker Inventor
By his Attorney H. A. West

UNITED STATES PATENT OFFICE.

JAMES ELLIOT BAKER, OF NEW YORK, N. Y.

SAFETY-RAZOR.

SPECIFICATION forming part of Letters Patent No. 780,259, dated January 17, 1905.

Application filed July 11, 1904. Serial No. 216,017.

To all whom it may concern:

Be it known that I, JAMES ELLIOT BAKER, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Safety - Razors, of which the following is a specification.

My invention relates to improvements in safety-razors; and the invention consists in the construction, arrangement, and combination of parts, all as hereinafter described and claimed.

In the accompanying drawings, to which reference is made and which form a part of this specification, Figure 1 is a broken side elevation of a safety-razor constructed in accordance with my invention. Fig. 2 is an enlarged sectional view of the rear end of the guard. Fig. 3 is a sectional elevation on line 3 3 of Fig. 2. Fig. 4 is an enlarged sectional plan view. Fig. 5 is an enlarged end elevation, and Fig. 6 is a sectional elevation on line 6 6 of Fig. 5.

In the drawings, 2 designates the blade of the razor detachably held in a slotted tube 3, which is pivoted to the handle 4 in the well-known manner.

5 designates the bow-shaped guard for the edge of the razor, which guard is connected with tube 3 and is adapted to swing thereon so as to lie against either side of the blade 2. The outer end of the guard is formed with an elongated slot 7, (see Figs. 5 and 6,) in which is adjustably held a bolt 8. The bolt 8 is fastened to the end of the guard by a clamp 9 on the outside and a thumb-nut 10 on the inside, which latter works between the end of the sleeve 3 and the end of the guard. The bolt 8 reaches through the thumb-nut, so as to form the gudgeon 8^a, which is adapted to slide into the end of the tube 3, as shown in Figs. 1, 4, and 6.

The rear end 12 of the guard 5 is formed with a slotted lug 13, so that the head 14^a of the usual locking lever or latch 14 engages directly with the guard. The front of the end 12 of the guard is provided with a screw-threaded

projection 15, on which is secured by a nut 16 the holder or head 17, which is adapted to slide along the tube 3, a slot 18 being formed in it to clear the razor-blade. The head 17 is formed at the back with flanges 19, which embrace the end 12 of the guard, and it is also formed with a slot 20, through which the bolt 15 passes, so that by loosening the nut 16 the rear end of the guard 5 may be adjusted, while at the same time the lever or latch 14 engages directly with the guard.

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

1. In a safety-razor a guard formed at one end with an adjusting-slot 7, and at the other end with a slot 13, in combination with a locking lever or latch, an adjustable head at one end of the guard and an adjustable gudgeon at the other, substantially as described.

2. In a safety-razor a slotted tube 3 and a guard 5 formed at one end with a slot 7, in combination with a gudgeon 8^a, adapted to enter said tube and adjustably held in said slot 7, substantially as described.

3. In a safety-razor a tube 3 for holding the razor-blade and a guard 5 provided at one end with a bolt 15 parallel with the tube, in combination with a head 17 adapted to engage with said tube and formed with a slot 20 and adjustably connected to the said end of the said guard, substantially as described.

4. In a safety-razor a guard 5 formed at one end with a slot 7 and at the other with the bolt 15 parallel with the main body of the guard and with the slot 13 extending back of and at right angles to the said bolt, substantially as described.

5. In a safety-razor the head 17 formed with the slot 20 and flanges 19 in combination with the tube 3 and the guard 5 provided with the bolt 15, substantially as described.

JAMES ELLIOT BAKER.

Witnesses:

H. ALBERTUS WEST,
E. GEISMAR.