

No. 810,709.

PATENTED JAN. 23, 1906.

S. G. BROSIUS.
SAFETY RAZOR.
APPLICATION FILED DEC. 13, 1905.

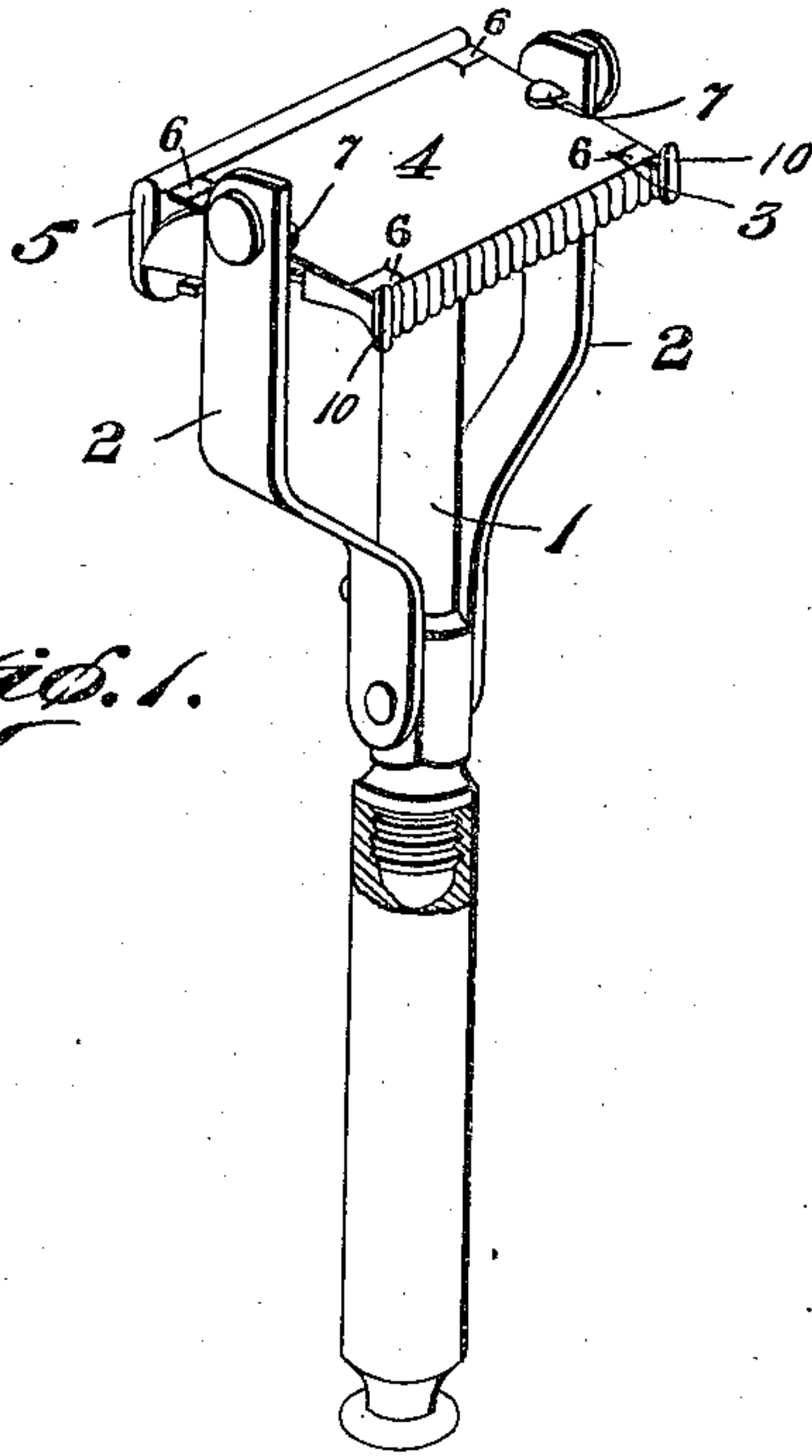


Fig. 1.

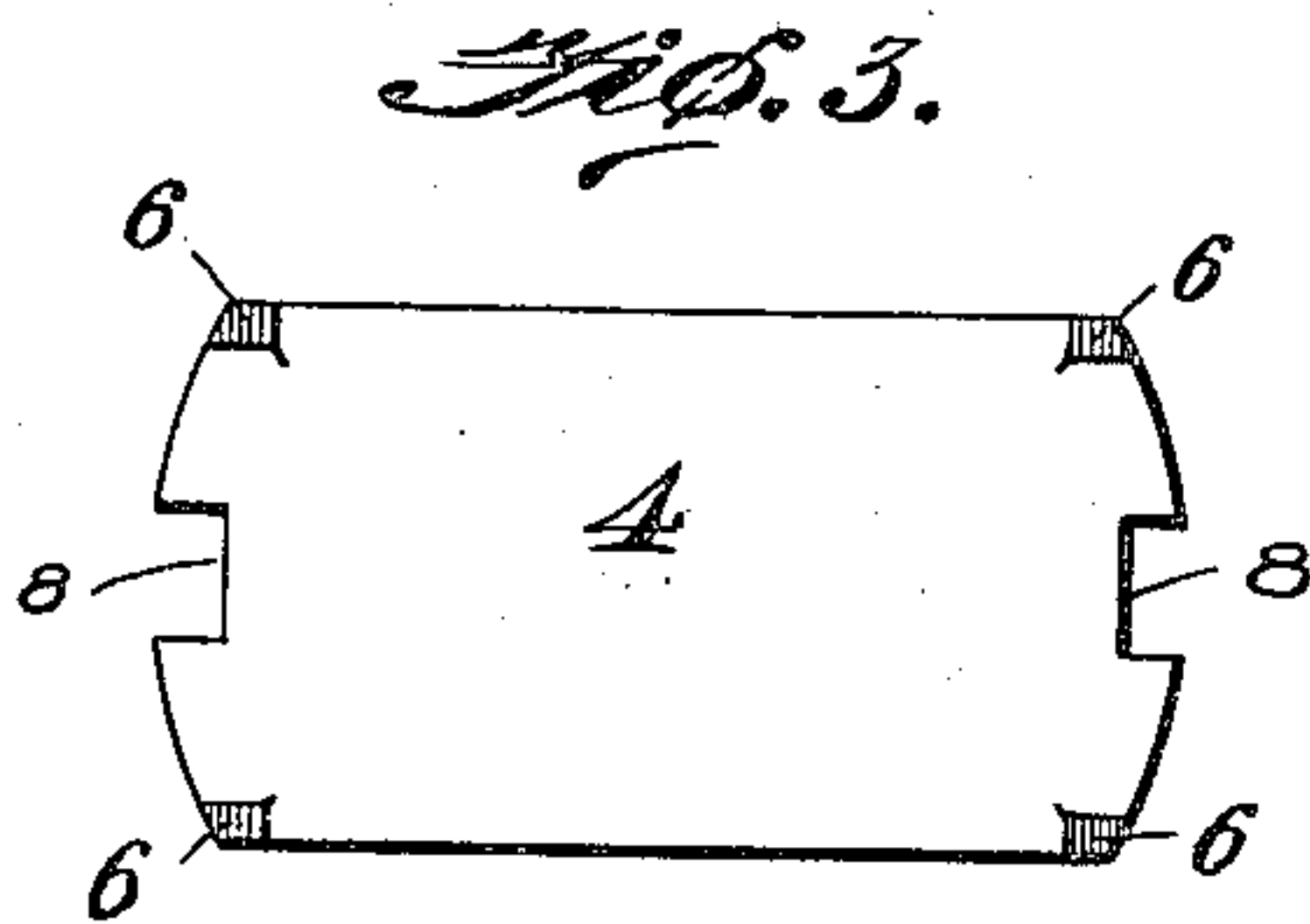


Fig. 3.

Fig. 4.

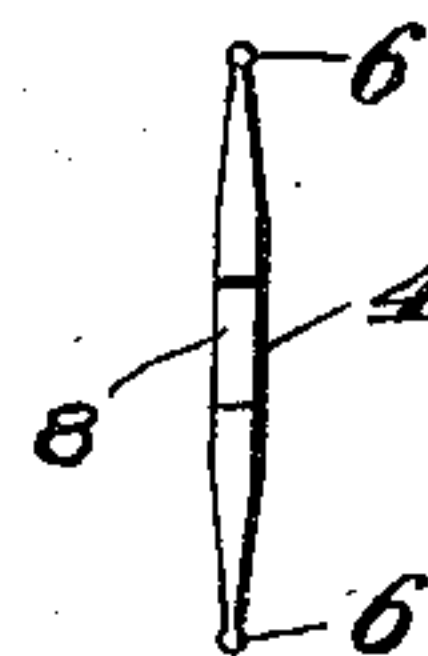
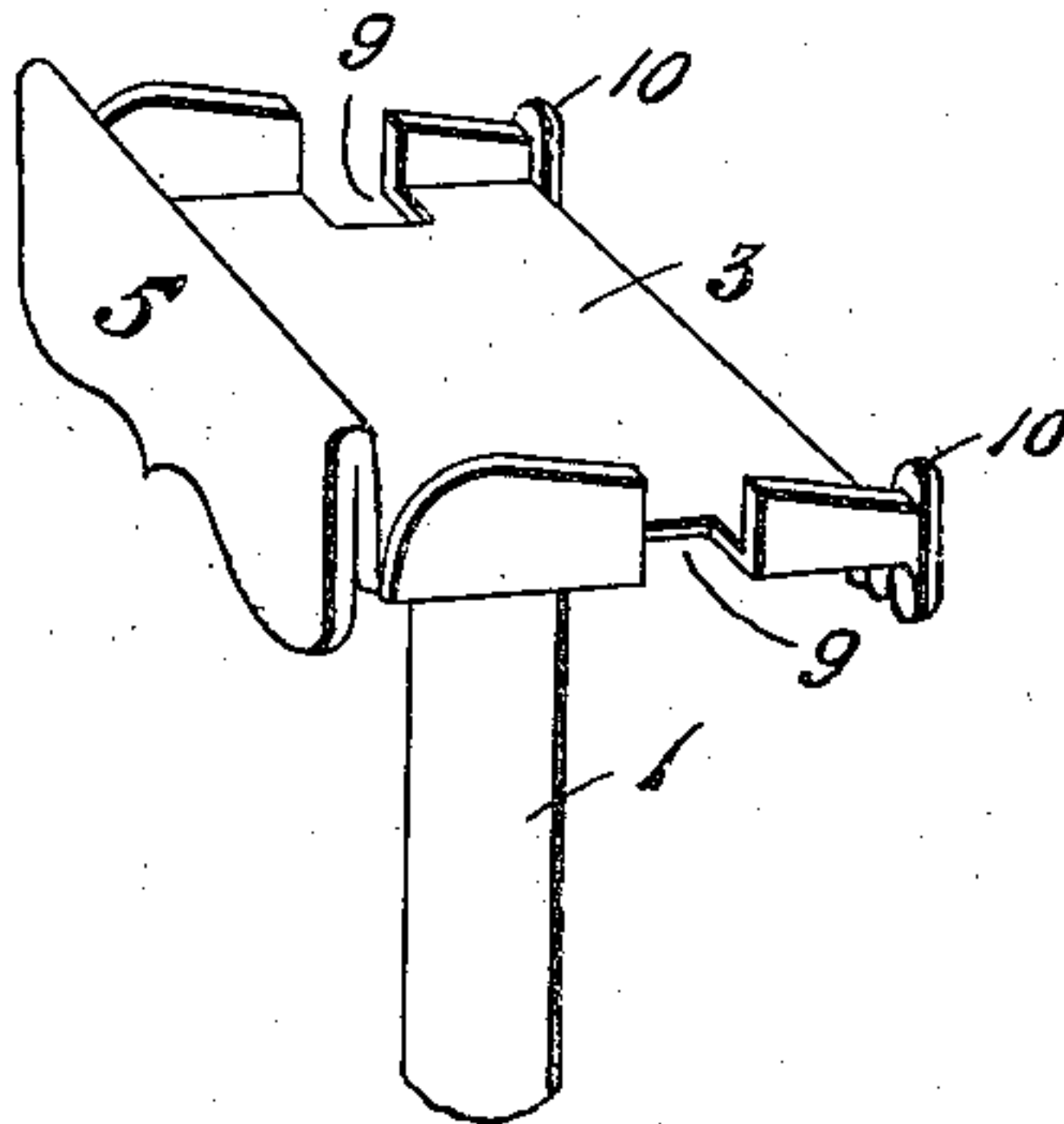


Fig. 2.



Inventor

S. G. Brosius.

Witnesses

Wm. O'Connell.
C. P. Spence.

UNITED STATES PATENT OFFICE.

SAMUEL G. BROSIUS, OF WASHINGTON, DISTRICT OF COLUMBIA

SAFETY-RAZOR.

No. 810,709.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed December 13, 1905. Serial No. 291,634.

To all whom it may concern:

Be it known that I, SAMUEL G. BROSIUS, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in Safety-Razors, of which the following is a specification.

My invention relates to improvements in safety-razors, especially to that class shown and described in my application, Serial No. 246,694, filed February 21, 1905, for United States Letters Patent, and has for its object the production of a safety-razor wherein the idle cutting edge of the razor-blade is protected and the nicking or breaking the razor-blade where it comes in contact with the razor-stops on the front of the razor-shield is avoided. This is accomplished by the construction hereinafter set forth in the specification and shown by the drawings.

Figure 1 shows the razor-blade in position on the shield, its front cutting edge resting in contact with the razor-stops ready for use and its back or idle cutting edge protected by the guard. Fig. 2 shows the shield and guard with the razor-blade removed. Fig. 3 and Fig. 4 are respectively side and end views of the razor-blade, showing its corners thickened.

Like index-figures indicate like parts throughout the drawings.

As shown in the figures, the razor-shield 3 is secured to the handle 1, to which is flexibly attached the arms 2, carrying the two-edged razor-blade 4, which when in position for use in shaving rests upon the said shield with the front or cutting edge bearing against the razor-stops 10, the idle or back edge being protected by the guard 5, thereby preventing injury to the idle cutting edge or to any substance with which it otherwise might come in contact. The corners of the cutting edge of the razor coming into contact with the said stops 10 are thickened, as shown at 6, thereby preventing nicking or breaking the said corners of the razor-blade.

The razor-blade is carried by means of the slots 8 in its ends and the clips 7 of the arms 2, the said clips 7 resting in the recesses 9 of the razor-shield 3. The arms 2 form a member for holding the razor-blade 4 in place on the shield and for moving it longitudinally of the handle to lift and to swing it free of the shield.

My safety-razor, as set forth and described

in the application hereinbefore mentioned, is so constructed that either cutting edge of the razor-blade may be presented for shaving by the razor-blade being lifted from the shield 3, then reversed and reset in place.

I do not limit myself to the exact construction shown, as the same may be varied without departing from the spirit of my invention.

What I claim as new, and desire to cover by Letters Patent, is—

1. In a safety-razor, a handle having a shield mounted thereon, a razor-blade having two cutting edges, and a member for holding the razor-blade movable longitudinally of the handle to lift and swing the blade free of the shield, the said shield being provided with a guard protecting the idle cutting edge of the said razor-blade, substantially as described.

2. In a safety-razor, a handle, a shield secured thereto and provided with razor-blade stops in combination with a razor-blade resting on the said shield and pressing against the said stops, the said razor-blade being thickened at the corners of its cutting edge, substantially as described.

3. In a safety-razor, a handle, a shield secured thereto and provided with razor-blade stops in combination with a razor-blade, having two cutting edges, resting on the said shield the said razor-blade being thickened at the corners of its cutting edges, substantially as described.

4. In a safety-razor, a handle, a shield secured thereto and provided with razor-blade stops, in combination with a razor-blade provided with two cutting edges having their corners thickened, the said blade being adapted to present either cutting edge for use, substantially as described.

5. In a safety-razor, a handle having a shield mounted thereon, a razor-blade having two cutting edges, and a member for holding the razor-blade movable longitudinally of the handle, the said shield being provided with a guard protecting the idle cutting edge of the said razor-blade, substantially as described.

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

SAMUEL G. BROSIUS.

Witnesses:

C. P. SPENCE,

C. J. GOOCH.