

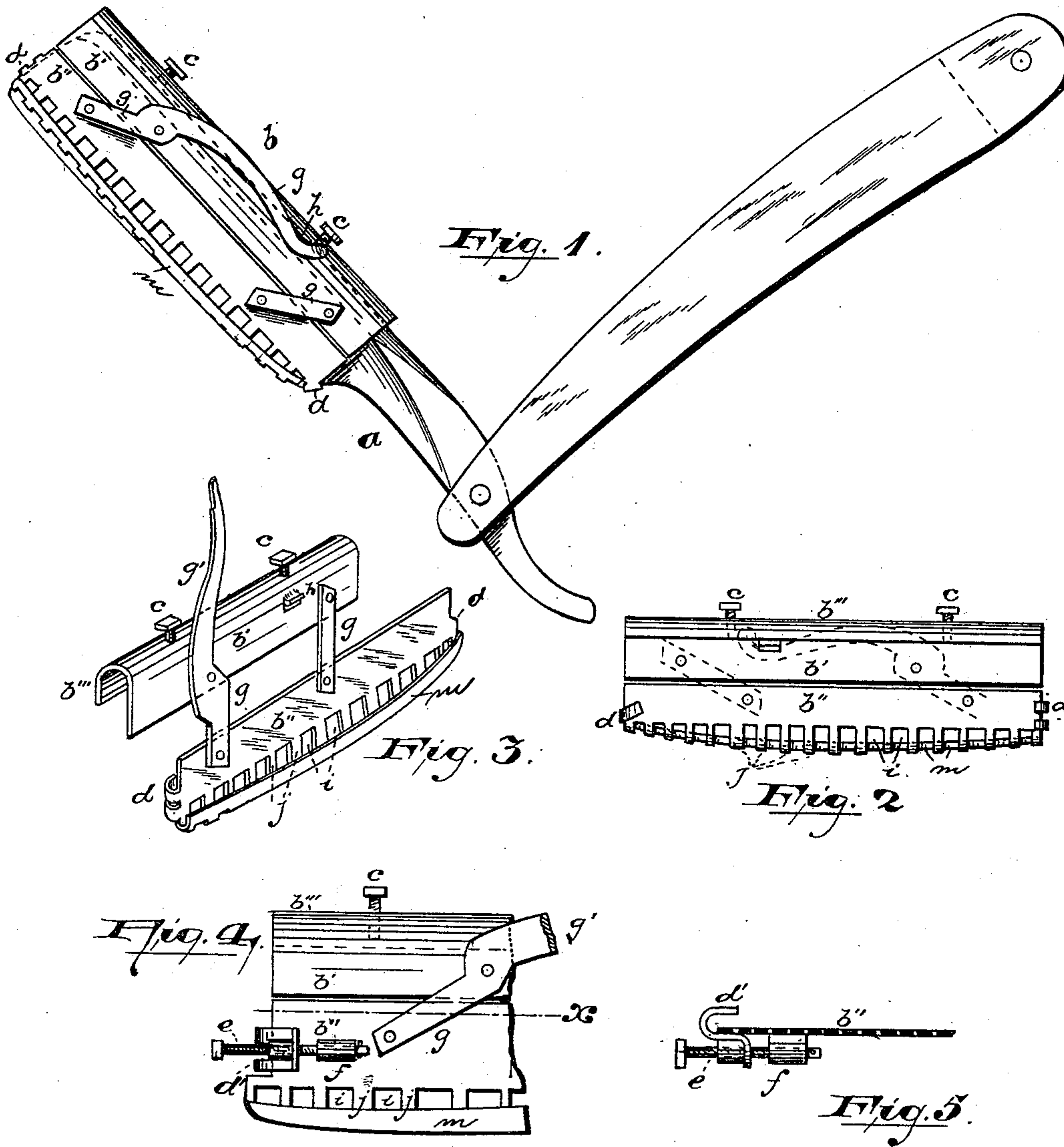
(No Model.)

C. F. NESLER.

RAZOR GUARD.

No. 338,864.

Patented Mar. 30, 1886.



WITNESSES:

INVENTOR:

Frank F. Campbell.  
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# UNITED STATES PATENT OFFICE.

CHARLES F. NESLER, OF NEWARK, NEW JERSEY.

## RAZOR-GUARD.

SPECIFICATION forming part of Letters Patent No. 338,864, dated March 30, 1886.

Application filed February 1, 1886. Serial No. 190,505. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES F. NESLER, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Safety Attachments for Razors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to more effectually protect the face when shaving, to facilitate the process of securing the protecting or guarding device upon the razor, and to enable the said device to be more nicely adjusted with respect to the cutting-edge.

The invention consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the several figures, Figure 1 is a plan of a razor having the improved attachment thereon. Fig. 2 is a plan of the attachment separate from the razor. Fig. 3 is a perspective view of the same open to receive the razor. Fig. 4 illustrates a preferred construction, and Fig. 5 is a sectional view taken through line *x*.

In said drawings, *a* indicates the razor, and *b* the guarding or protecting attachment. The latter is provided with two separable sections, *b'* *b''*, one of which is provided with a backing, *b'''*, which is adapted to cover the back of the razor and provide bearings for set-screws *c*. The other of said sections, *b''*, lies against the side of the blade, its lower edge lying in very close contiguity to the cutting-edge of the razor, so that said cutting-edge is prevented from injuring the face. At the ends of the section *b''* are hook-shaped lugs *d* *d*, for catching the ends of the blade and holding the sections thereto. These lugs may be integral with the section, or be adjustably secured thereto, as illustrated in Figs. 4 and 5, in which figures, *e* is the adjustable hook car-

ried by an adjusting-screw, *e*, which works in fixed bearings *f* on the section.

By means of the adjustable hooks the attachment may be secured to blades of various lengths.

The sections are coupled together by suitable coupling-pieces, *g* *g*, one of which may be extended in length, as shown at *g'* in Figs. 1 and 2, so as to catch upon a lug, *h*, and thus hold the parts in a locked relation. The coupling-pieces are preferably arranged in such a pivotal relation to the sections as to cause the said sections to move off from one another and yet remain parallel with one another, as in Fig. 3. The lower edge of the section *b''*, lying in close proximity to the edge of the blade, is provided with a series of openings or perforations, *i* *i*, to allow the passage of the lather from the edge of said blade. The tongues *j* *j*, of metal, separating said openings, first engage the skin of the face in shaving, taking the pressure of the hand, so that undue pressure cannot be brought to bear on the blade to cause it to cut the face. Said tongues *j* *j* are connected by a portion, *m*, which presents a smooth outer edge, so that uncut hairs or whiskers cannot catch between the tongues and the blade. Said portion *m* also prevents the tongues from bending out of line.

In operation the sections of the device are first opened or separated, as in Fig. 3, to allow the blade to be inserted in or between the hooks, and the tongues or perforated edge to be brought to a position for protecting the cutting-edge. After the blade is adjusted in position the upper section is brought down and fastened by means of the fastener connected with the coupler engaging the lug *h*. Should there be any play of parts, or should the guarding-edge overhang the cutting-edge too great a distance, the set-screws or adjusting-screws *c* are turned, which, engaging the back of the razor, force the attachment back from said edge, as will be readily understood.

Having thus described the invention, what I claim as new is—

1. The razor-guard herein described, combining therein the coupled or united sections *b'* *b''*, one of which is provided with an edge for guarding the razor-edge, and the other is provided with a backing which provides bear-



ings for set or adjusting screws *c*, and said adjusting-screws, said parts being arranged and adapted to operate substantially as and for the purposes set forth.

5 2. In a razor-guard, the combination of the sections *b' b''*, one of which is provided with a backing, *b'''*, and set-screws *c*, and the other with hooks *d* and openings *i*, said sections being coupled together by couplers *g g*, and fast-  
10 ened by a suitable fastening, substantially as set forth.

3. In a razor-guard, adjustable end hooks, *d'*, to enable the guard to be attached to razors of a variety of lengths, substantially as set  
15 forth.

4. The improved razor-guard, substantially as set forth, combining therein the sections *b' b''*, couplers *g*, extension *g'*, and lug *h*, screws *c*,

hooks *d*, and guarding portions *j*, all said parts being arranged and adapted to operate sub- 20  
stantially as and for the purposes set forth.

5. In a razor-guard, the combination of the sections *b' b''*, adapted to be secured to the razor and protect the edge thereof, said sections being coupled together by the couplers *g g*, 25  
arranged and adapted to allow the sections to move from one another and remain in a parallel relation to one another, substantially as shown and described.

In testimony that I claim the foregoing I 30  
have hereunto set my hand this 20th day of January, 1886.

CHAS. F. NESLER.

Witnesses:

CHARLES H. PELL,  
FREDK. F. CAMPBELL.