

No. 622,544.

Patented Apr. 4, 1899.

E. L. SCHMITZ.

RAZOR.

(Application filed June 1, 1898.)

(No Model.)

Fig. 1.

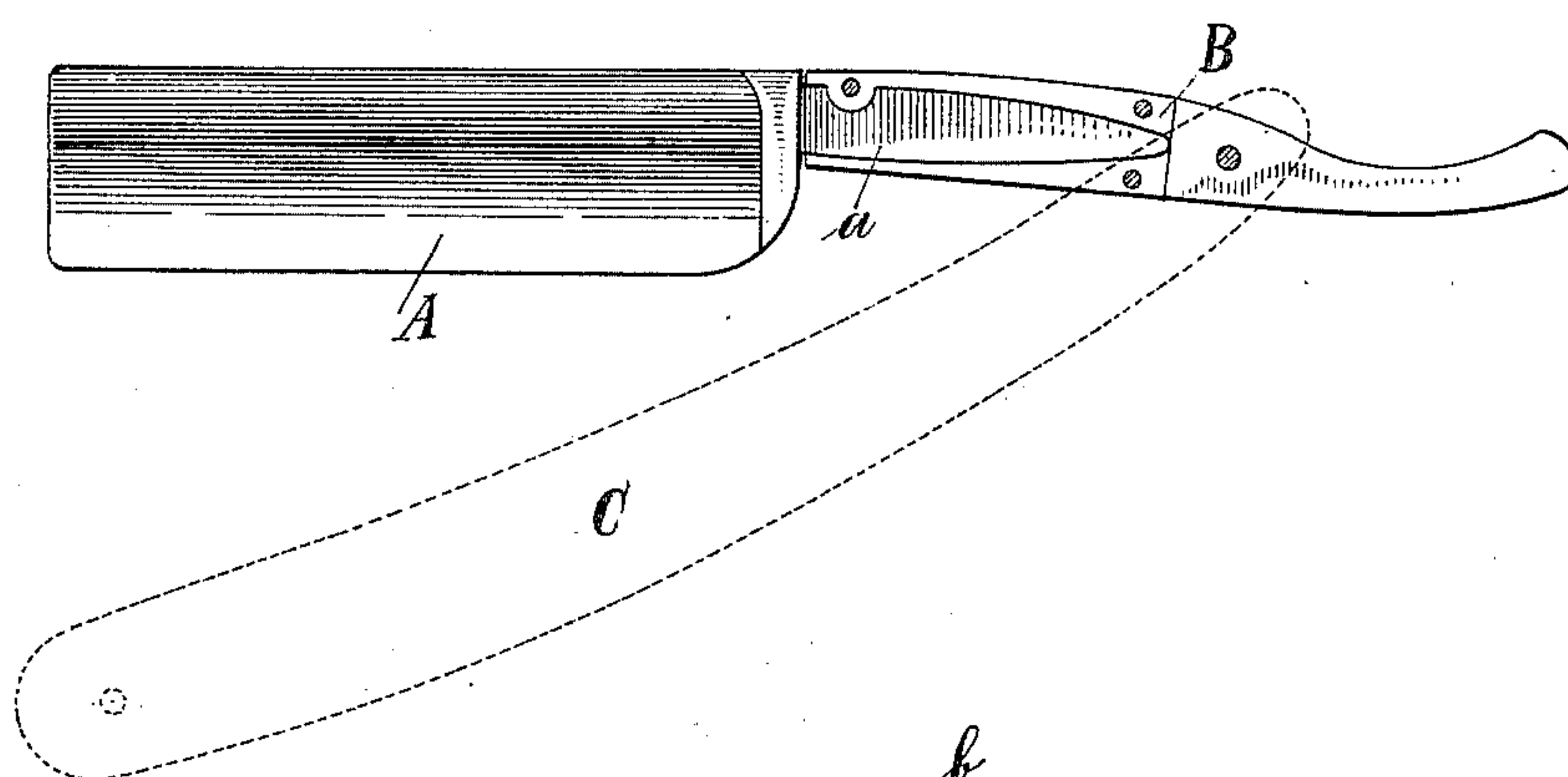


Fig. 2.

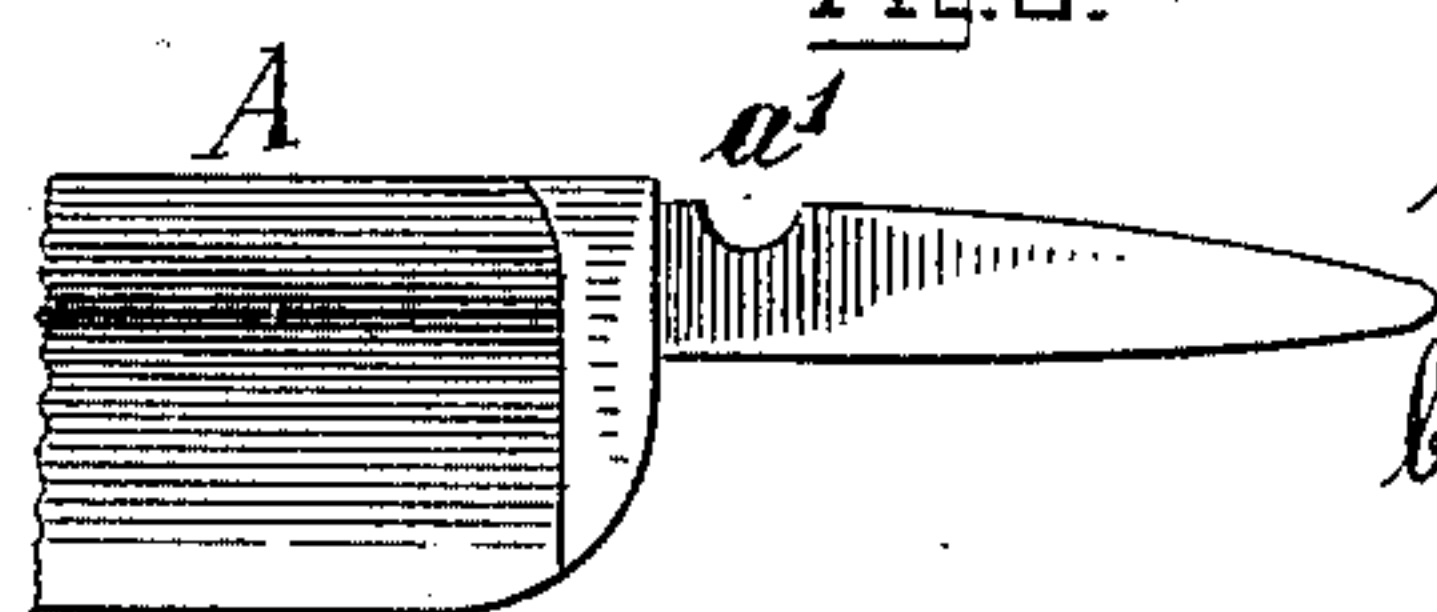


Fig. 3.

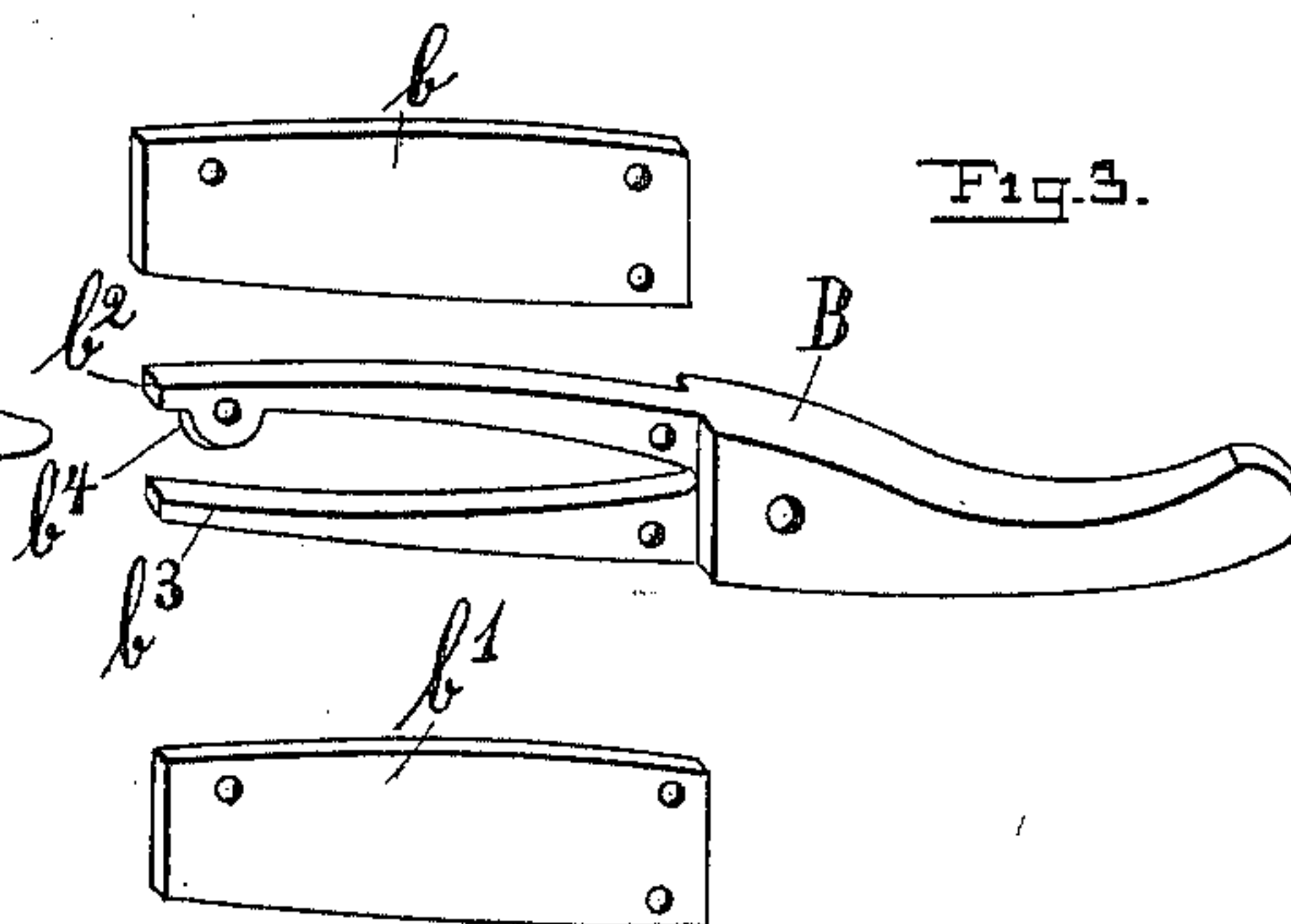
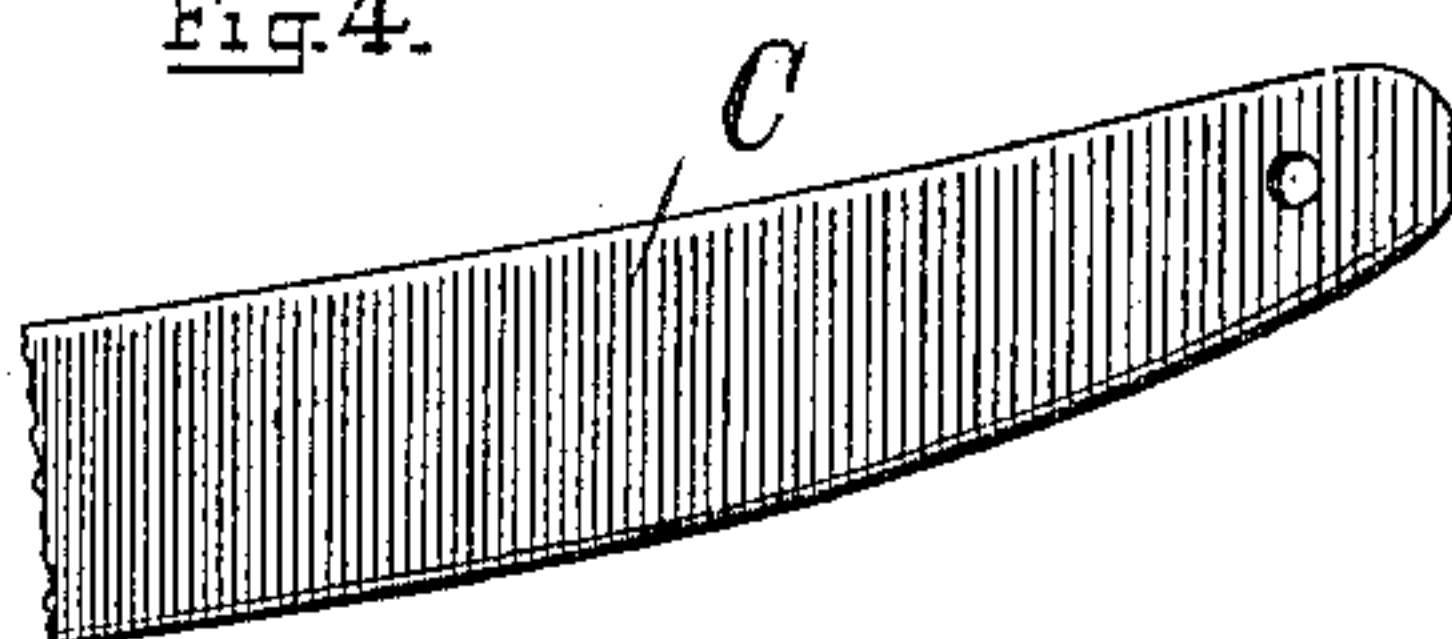


Fig. 4.



WITNESSES:

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RAZOR.

SPECIFICATION forming part of Letters Patent No. 622,544, dated April 4, 1899.

Application filed June 1, 1898. Serial No. 682,310. (No model.)

To all whom it may concern:

Be it known that I, EGON LOTHAR SCHMITZ, a subject of the Emperor of Germany, and a resident of the borough of Manhattan, New York city, in the county and State of New York, have invented new and useful Improvements in Razors, of which the following is a specification.

My invention relates to improvements in razors, and has for its object to provide a razor with a detachable blade by means of a novel tang and a shank in the rear top portion of the blade.

The advantage of my improved razor is that handles of expensive material, inlaid, engraved, or costly otherwise, may be used, because a new blade is easily inserted into the tang when the old one is worn out, and, further, the blade may be taken out for cleaning, so that the handle never will get wet.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 represents the complete razor in side elevation with front plate of tang removed. Fig. 2 is a side view of the rear portion of the blade with shank. Fig. 3 is a perspective view of the tang and its side plates, and Fig. 4 shows a portion of the handle with rivet-hole.

Similar letters of reference denote like parts in all the drawings.

A is the blade, and a is the shank in the rear top portion of the same.

B is the tang.

$b b'$ are the side plates of the tang, and C is the handle.

The handle and tang are connected in the usual manner by a rivet.

The blade is preferably made of usual size of razor-blades. The shank in the rear top portion of the blade, Fig. 2, is preferably made integral therewith and is provided with a notch or indentation a' near the blade, which acts as a catch or stop when the blade is inserted into the tang. The shank is slightly tapering toward the end, so that it may be easily inserted.

The tang is of peculiar shape, as is shown in Fig. 3. It consists of three parts, the tang

proper and two side plates. The tang proper is made of one piece. At about the center it is branching out into two forks $b^2 b^3$. These forks or branches being open at the end, the opening formed by the branches corresponds in shape and size exactly with the shape and size of the shank a . Branch b^2 forms near the front end a shoulder b^4 , which fits exactly the notch or indentation a' . Branch b^2 , further, is provided with two rivet-holes, one in the shoulder and one at the other end near the tang-body, while the lower branch b^3 is provided with but one rivet-hole near the tang-body, leaving its front end free, thereby imparting spring-power to this branch. Correspondingly the side plates are provided with three rivet-holes.

The side plates are put on the tang branches and the surface is finished up so that the rivets are level with the blades.

It is plainly seen from the drawings that the shank merely needs to be forced in the opening between the two branches $b^2 b^3$ until the shoulder rests in notch a' , when the blade will be securely held by the tang, and the razor then looks as if the blade and tang were made of one piece.

If it is desired to detach the blade, it is only necessary to take the blade at the back and move it a little downward, when branch b^3 will give way and the blade then can be detached.

Having thus described my invention, I claim—

1. A razor with detachable blade consisting essentially of three parts, the blade with tapering shank integral therewith in the top rear portion of the same, and having there an indentation, a tang composed of the tang-body proper branching out into two forks of which the upper one is provided with a shoulder and two rivet-holes and the lower one with one rivet-hole near the tang-body, and two side plates riveted to these branches, and the handle, as specified.

2. In a razor with detachable blade a tang composed of the tang-body proper the front portion of which forms two branches, the upper being provided with a shoulder and two

rivet-holes one through the shoulder and one
near the tang, the lower branch having but
one near the tang-body, two side plates hav-
ing corresponding rivet-holes and being riv-
5 eted to the branches, and an opening in the
tang-body for the purpose of attaching the
handle, as specified.

In testimony whereof I hereunto set my
name in the presence of two subscribing wit-
nesses.

EGON LOTHAR SCHMITZ.

Witnesses:

C. S. GOMPPER,
ADAM J. FOX.