(No Model.)

A. L. SILBERSTEIN.

SAFETY RAZOR.

No. 568,212. Patented Sept. 22, 1896.

Fig. 1.

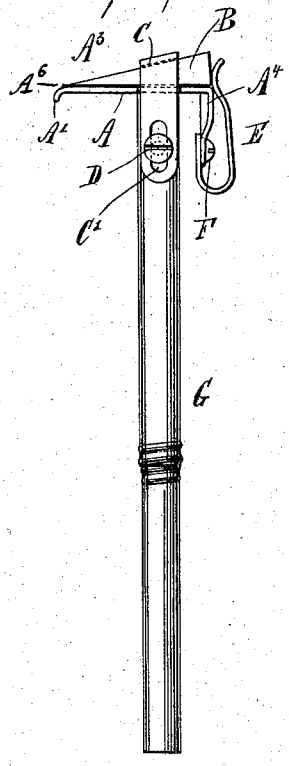


Fig. 2.

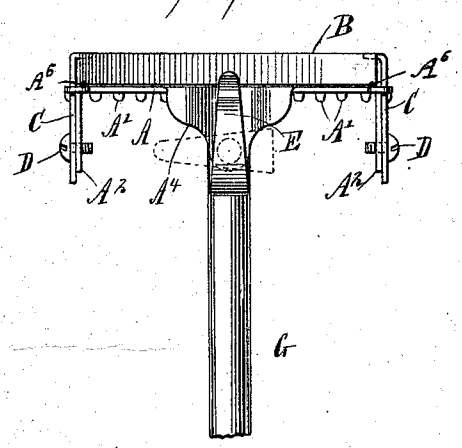


Fig. 3.

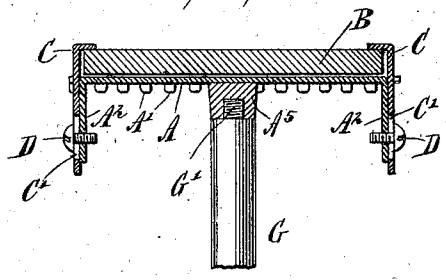


Fig. 4.

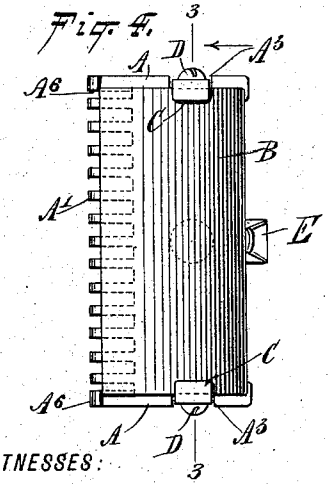
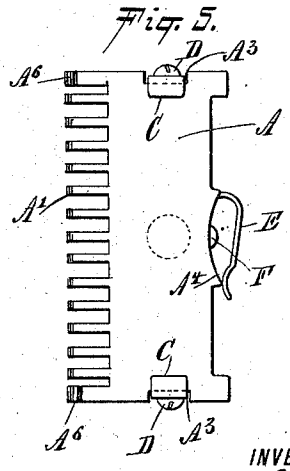


Fig. 5.



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ALBERT L. SILBERSTEIN, OF NEW YORK, N. Y.

SAFETY-RAZOR.

SPECIFICATION forming part of Letters Patent No. 568,212, dated September 22, 1896.

Application filed May 9, 1896. Serial No. 590,843. (No model.)

To all whom it may concern:

Be it known that I, ALBERT L. SILBERSTEIN, of New York, in the county and State of New York, have invented a new and Improved Safety-Razor, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved safety-razor which is simple and durable in construction and readily adjusted to bring the blade in proper relation to the guard.

The invention consists of a bed-plate for the blade and formed at its front end into integral prongs forming a guard, and clips fitted to slide in the side edges of the bed-plate and adapted to engage the top prongs of the blade, the clips being adjustably held on arms extending downwardly from the bed-plate.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the improvement. Fig. 2 is a rear elevation of the same. Fig. 3 is a cross-section of the same on the line 3 3 of Fig. 4. Fig. 4 is a plan view of the improvement, and Fig. 5 is a like view of the same with the blade removed.

The improved safety-razor is provided with a bed-plate A, adapted to receive and support the blade B, extending with its cutting edge over the guard formed by the prongs A′, integral with the front end of the bed-plate A, the extreme outer ends of the prongs being bent downward, as plainly indicated in Fig. 1.

The blade B is held in position on the bed-plate A by clips C, made L-shaped, the top members of the clips engaging the top surface of the blade B at the sides thereof, and the vertical members of the clips are formed with elongated slots C′, through which pass set-screws D, screwing in arms A^2, extending downwardly and forming integral parts of the bed-plate A.

The vertical members of the clips C are fitted to slide in guideways or notches A^3, formed in the side edges of the bed-plate A, so that lateral movement of the clips is prevented, and consequently the clips can be readily adjusted vertically to limit the inward sliding of the blade B, so as to bring the cutting edge of the blade in proper relation to the guard formed by the prongs A′.

Now in order to hold the blade B in position on the bed-plate and in the clips C, I provide a spring E, engaging with its free end the back of the blade B, the said spring being made U-shaped, with one end fulcrumed on a pivot F, held on a depending flange A^4, integral with the bed-plate A and extending downwardly from the rear edge and at the middle thereof. Now by reference to Fig. 5 it will be seen that the flange A^4 is curved inwardly to permit the user of the safety-razor to conveniently take hold of the back of the blade, so as to remove the same from the bed-plate whenever it is desired.

On the under side of the bed-plate A, and near the middle thereof, is formed an offset or lug A^5, formed with a threaded hole, adapted to be engaged by the threaded reduced end G′ of the handle G for supporting and manipulating the safety-razor. The handle G is preferably made in sections screwed together, as indicated in Fig. 1.

Now it will be seen that by the arrangement described the blade B can be readily placed in position on the bed-plate and its cutting edge brought into the proper relation to the guard by adjusting the clips C accordingly in a vertical direction.

It will be further seen that the blade B can be readily inserted or placed in position on the bed-plate A at a time when the spring E is in a horizontal position, as indicated in dotted lines in Fig. 2, and when the blade is inserted then the spring E can be readily turned up so as to engage with its free end the back of the blade to hold the same in place.

The end prongs of the guard are formed at their top with shoulders A^6 for the ends of the cutting edge to rest against to prevent the blade from accidentally slipping too far forward over the bed-plate in case the clips should become loose.

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

1. A safety-razor, provided with a bed-plate

made of a single flat piece of metal and formed at its front end with integral guard-prongs curved downward at their front ends, the end prongs being formed at the top with shoulders for the ends of the cutting edge of the razor-blade to rest against, substantially as shown and described.

2. A safety-razor, comprising a bed-plate for the blade and made of a single flat piece of metal and formed at its front end with integral guard-prongs curved downward at their front ends, the end prongs being formed at the top with shoulders for the ends of the cutting edge of the blade they rest against, a curved flange depending from the rear end of the said bed-plate, and an N-shaped spring pivoted on the said flange and adapted to engage with its free end the back of the blade, substantially as shown and described.

3. A safety-razor, comprising a bed-plate for the blade and made of a single flat piece of metal and formed at its front end with integral guard-prongs curved downward at their front ends, the end prongs being formed at the top with shoulders for the ends of the cutting edge of the blade they rest against, a curved flange depending from the rear end of the said bed-plate, an N-shaped spring pivoted on the said flange and adapted to engage with its free end the back of the blade, and L-shaped clips held vertically adjustable on side arms depending from the said bed-plate, the top members of the said clips being arranged to engage the top of the blade and the vertical clip members engaging guideways formed in the sides of the bed-plate, substantially as shown and described.

ALBERT L. SILBERSTEIN.

Witnesses:
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