(No Model.)

J. TURNER.

SAFETY RAZOR.

No. 370,505. Patented Sept. 27, 1887.

FIG. 1.

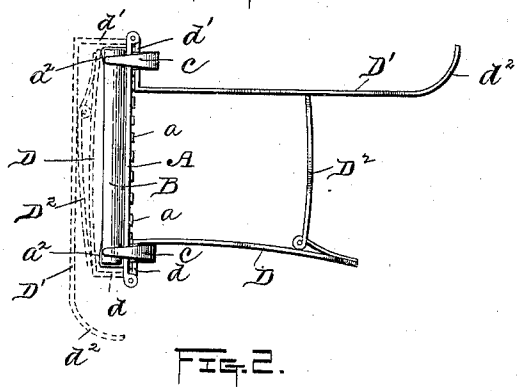


FIG. 2.

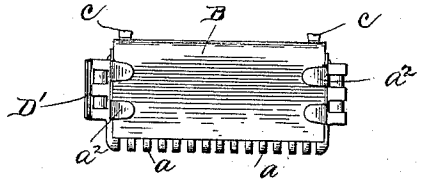


FIG. 3.

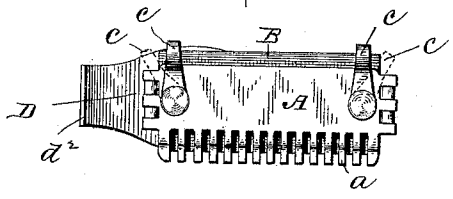
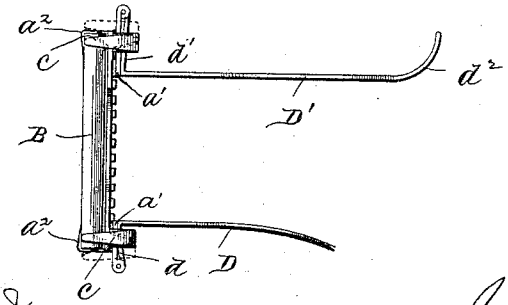


FIG. 4.



Witnesses
V. G. Connes Jr.
N. N. Low

Inventor
Joseph Turner
by Henry Baker
Attorney

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOSEPH TURNER, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO THE J. R. TORREY RAZOR COMPANY, OF SAME PLACE.

SAFETY-RAZOR.

SPECIFICATION forming part of Letters Patent No. 370,505, dated September 27, 1887.

Application filed July 5, 1887. Serial No. 243,429. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH TURNER, a citizen of the United States residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Safety-Razors, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to that class of razors known as "safety-razors," the object thereof being to provide the guard-plate and blade-holder with thumb and finger handles, which are hinged to the opposite ends of the said plate, and are of such construction as to be adapted to be folded one within the other, so that the device may be packed in small compass when not in use.

In the drawings, Figure 1 is a top view of my improved safety-razor with the handle in open and folded positions in full and dotted lines, respectively. Fig. 2 is a front view of the same with the handles opened, and Fig. 3 a rear view with the handles folded. Fig. 4 is a plan view of a modified form of my invention.

A denotes the guard-plate, having the guard-teeth *a* of usual form, the said plate being provided at its ends with holding-lips a^2, which extend around to the front of the blade B and retain the latter in place.

D and D′ denote thumb and finger handles, which are hinged to the ends of the plate A, the said handles having right-angular portions *d* and *d′*, which may bear against the back of the plate A when the said handles are opened, and thus limit the movements of the said handles toward each other as they are grasped between the thumb and finger of the user. To steady the handles apart in a positive manner, I prefer, however, to use a hinged brace, D^2, which is attached to one of the handles and abuts against the other, as shown in full lines, Fig. 1, when the razor is in use. The thumb-handle D is preferably shorter than the finger-handle D′, and the bend or right-angular portion *d* of the former is also shorter than the corresponding part, *d′*, of the latter, so that the thumb-handle will fold within the finger-handle when the handles are closed, as shown in dotted lines, Fig. 1, the hinged brace D^2 also folding up, as indicated in Fig. 1. The longer or finger handle, D′, is preferably provided with a curved tail, d^2, to prevent the fingers of the user from slipping off.

The hinged portions of the plate A are preferably formed integral therewith, as shown in Figs. 1 and 3; but, if desired, the handles may be hinged to small plates *a′*, attached to the plate A, as shown in Fig. 4. To retain the blade B in place, I prefer to employ pivoted latches *c*, such as are described in my application Serial No. 243,430, filed simultaneously herewith, these latches being adapted to be turned outward past the ends of the said blade, as shown in dotted lines, Figs. 3 and 4, when the blade is to be removed from or inserted into the guard plate and holder, and when turned up to the positions shown in full lines they will bear on the top of the blade and thus serve to assist in keeping it in place.

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

1. The combination, with the guard-plate A and the hinged handles D and D′ at the opposite ends of said plate, of the brace D^2, hinged to one of the said handles and adapted to abut against the other to steady them when in use, substantially as set forth.

2. The combination, with the guard-plate, of the hinged handles at the opposite ends of the said plate, the said handles having right-angular portions *d* and *d′* of different lengths to adapt one of the handles to fold within the other, substantially as set forth.

3. The combination, with the guard-plate A, of the hinged handles D and D′ at the opposite ends of the said plate, the said handles having right-angular portions, as described, and the handle D′ being provided with the curved tail d^2, substantially as set forth.

4. The combination, with the guard-plate A, of the handles D and D′, hinged to the opposite ends of the said plate and adapted to fold one within the other over the front side of the blade, substantially as set forth.

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

JOSEPH TURNER.

Witnesses:
CHAS. S. HALE,
FRANK RICHARDSON.