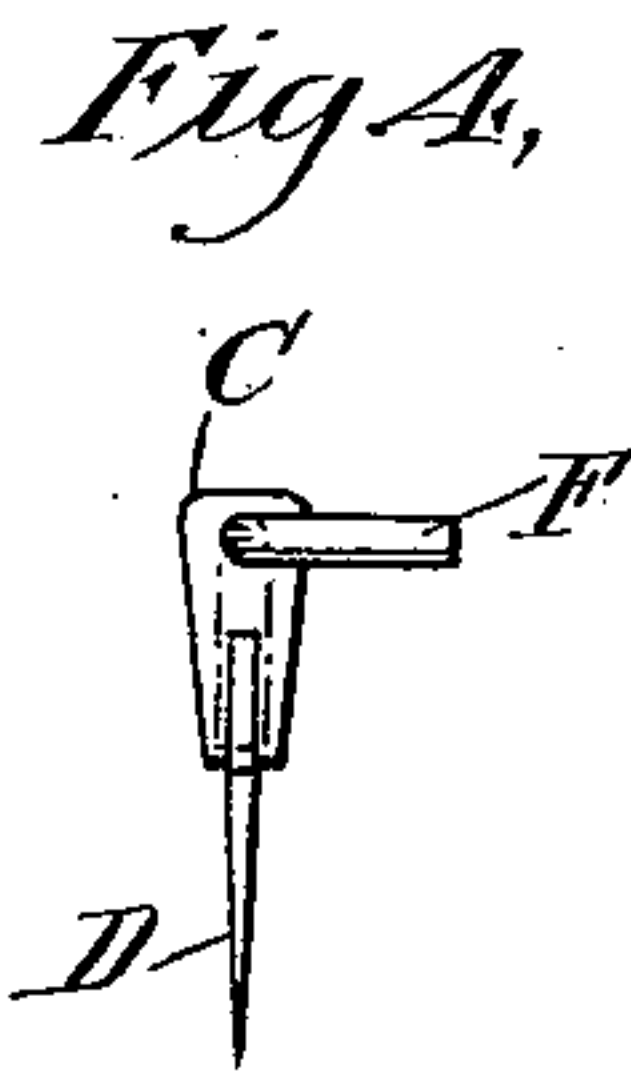
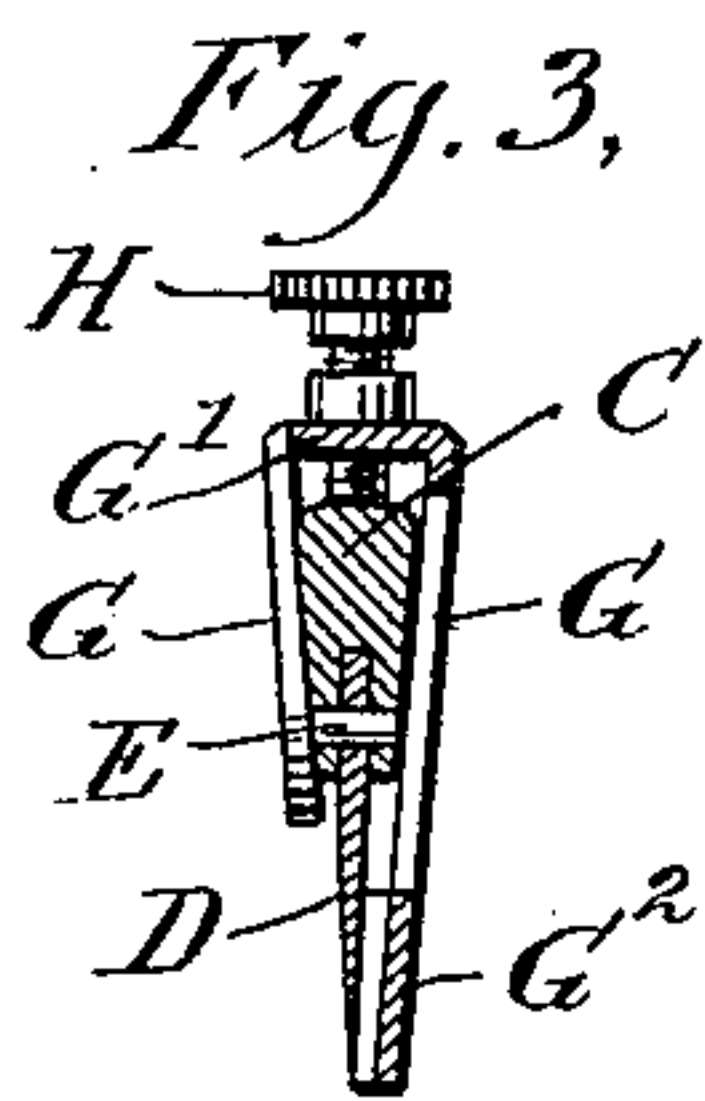
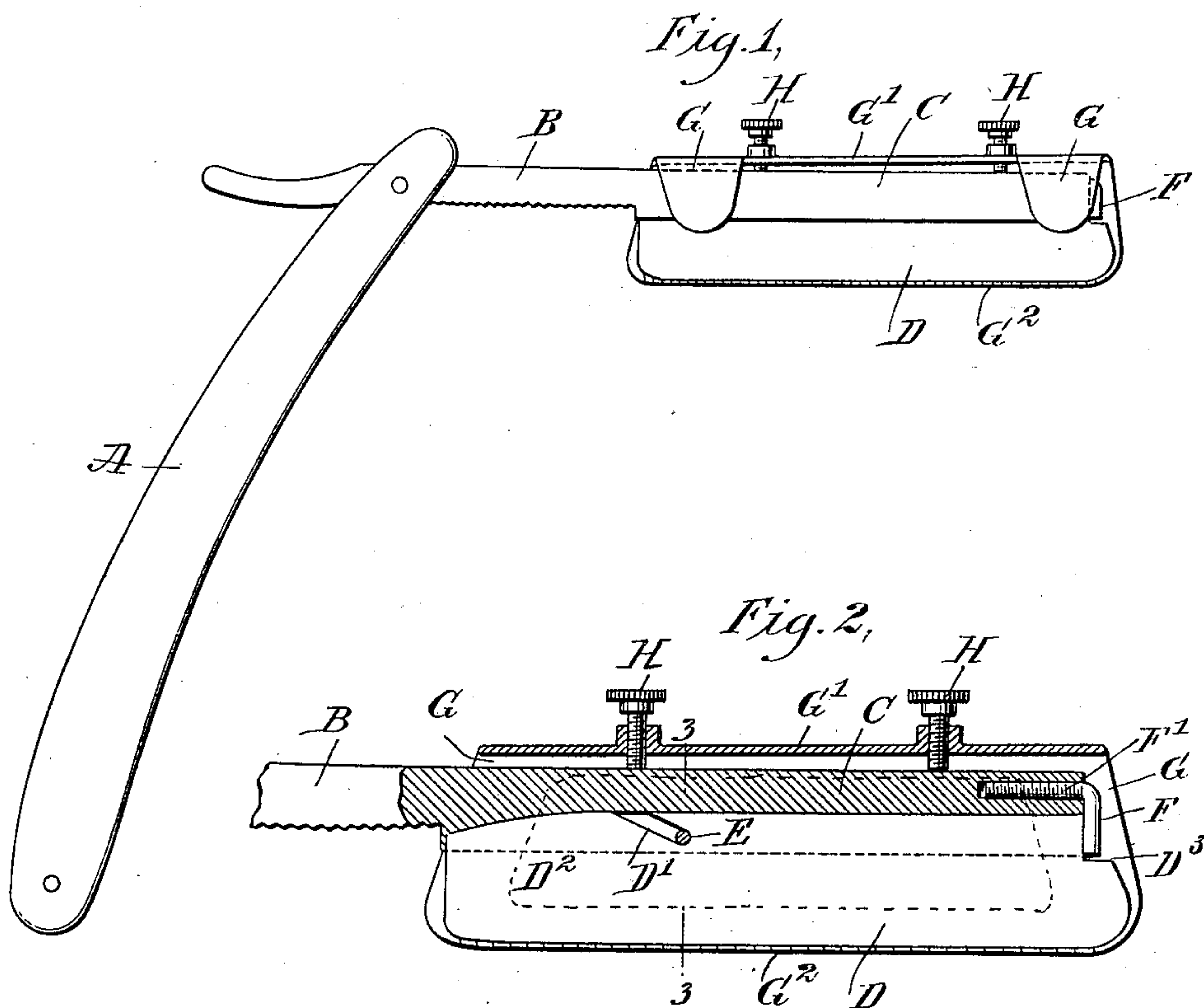


No. 742,650.

PATENTED OCT. 27, 1903.

J. H. HILTON.
RAZOR AND GUARD.
APPLICATION FILED MAY 12, 1903.

NO MODEL.



WITNESSES:

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JOHN H. HILTON, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO
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RAZOR AND GUARD.

SPECIFICATION forming part of Letters Patent No. 742,650, dated October 27, 1903.

Application filed May 12, 1903. Serial No. 156,774. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. HILTON, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Razor and Guard, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved razor and guard arranged to permit convenient adjustment of the guard relative to the cutting edge of the blade and to allow removal of the blade when worn down too far for the guard to be effective and the substitution of a new blade for the worn-out one.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in 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 an enlarged sectional side elevation of the same. Fig. 3 is a transverse section of the same on the line 3 3 of Fig. 2; and Fig. 4 is an end view of the same, showing the locking-catch for the blade in an open position.

On the handle A of the razor is fulcrumed a shank B, terminating in an integral back C, slotted or recessed longitudinally for receiving the back of a blade D, as plainly shown in the drawings, the said blade being provided at its back portion with an inclined slot D', engaging a pin E, held in the back C and extending transversely through the recess thereof, as plainly indicated in Fig. 3. The outer end of the back of the blade D is adapted to be engaged by a catch F, provided with a threaded shank F', screwing in the outer end of the back C, as plainly shown in Fig. 2, so that the catch F can be swung in or out of engagement with the end of the back of the blade D to lock the latter in position on the back C or to allow removal of the blade D whenever the latter has been worn down and a new blade is required.

The rear end of the back of the blade D is preferably rounded off, as at D², to permit of conveniently engaging the slot D' with the pin E when inserting the blade in the recess of the back C. The outer end of the cutting portion of the blade D projects somewhat beyond the back of the blade, as at D³, Fig. 2, to allow the catch F to fit under the projecting portion, so that the catch is not liable to be accidentally opened when using the razor.

The guard for the razor is provided with sets of clamping-jaws G, adapted to straddle the back C, and the said jaws G are approximately U-shaped and connected with each other at their middle portions by a longitudinal bar G', extending over the back C, and the jaws on one side of the blade D are connected with each other by a guard-bar G², corrugated, as indicated in Fig. 1. The corrugations permit the lather and hairs to pass along the blade. Screws H screw into the connecting-bar G' and abut against the back C, so as to allow of adjusting the guard to bring the guard-bar G² in proper relation to the cutting edge of the blade D.

The clamping-jaws G are of spring metal and snugly fit the sides of the back C, so as to hold the guard firmly in position, and by adjusting the screws H the guard is adjusted transverse of the blade and back C to bring the guard-bar G² always in proper relation with the cutting edge when the latter is ground down in sharpening the razor.

Now when the cutting edge of the blade D has worn down beyond the range of adjustment for the guard-bar G² then the worn-out blade can be readily removed and a new blade substituted, so as to permit of conveniently using the guard again on the new blade. In order to remove the worn-out blade and substitute a new one, it is necessary that the guard be first removed from the back C and then the catch F swung to one side to allow of lifting the blade D out of the recess in the back C, and then a new blade is substituted and locked in place by the catch F, after which the guard is slipped onto the back C from the outer end thereof, and the screws H are tightened to bring the bar G² in proper relation to the cutting edge of the new blade.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. A razor provided with a back having a longitudinal recess, a pin in the back, extending across said recess, a blade received into said recess and having an inclined slot extending from the back of the blade toward the edge thereof, through which slot said pin passes, whereby a longitudinal movement of the blade in said recess in the direction of the open end of said slot will bring the top edge of the blade into abutting engagement with the upper wall of said longitudinal recess, and means for locking said blade and back together when in that position.

2. A razor provided with a back having a longitudinal recess, a pin extending transversely in the back through the said recess, a blade having an inclined slot for engagement by the said pin, and a catch on the end of the back, for locking the blade against out-

ward movement, the said catch having a threaded shank screwing longitudinally in the back, as set forth.

3. A razor provided with a back having a longitudinal recess, a pin held in the back and extending transversely through the said recess, a blade having an inclined slot and a rounded-off forward end at the back portion, the cutting portion of the blade extending beyond the outer end of the blade's back, the said inclined slot engaging the said pin, and a catch mounted to swing on the outer end of the said back and adapted to engage the outer end of the back of the blade, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN H. HILTON.

Witnesses:

THEO. G. HOSTER,

EVERARD BOLTON MARSHALL.