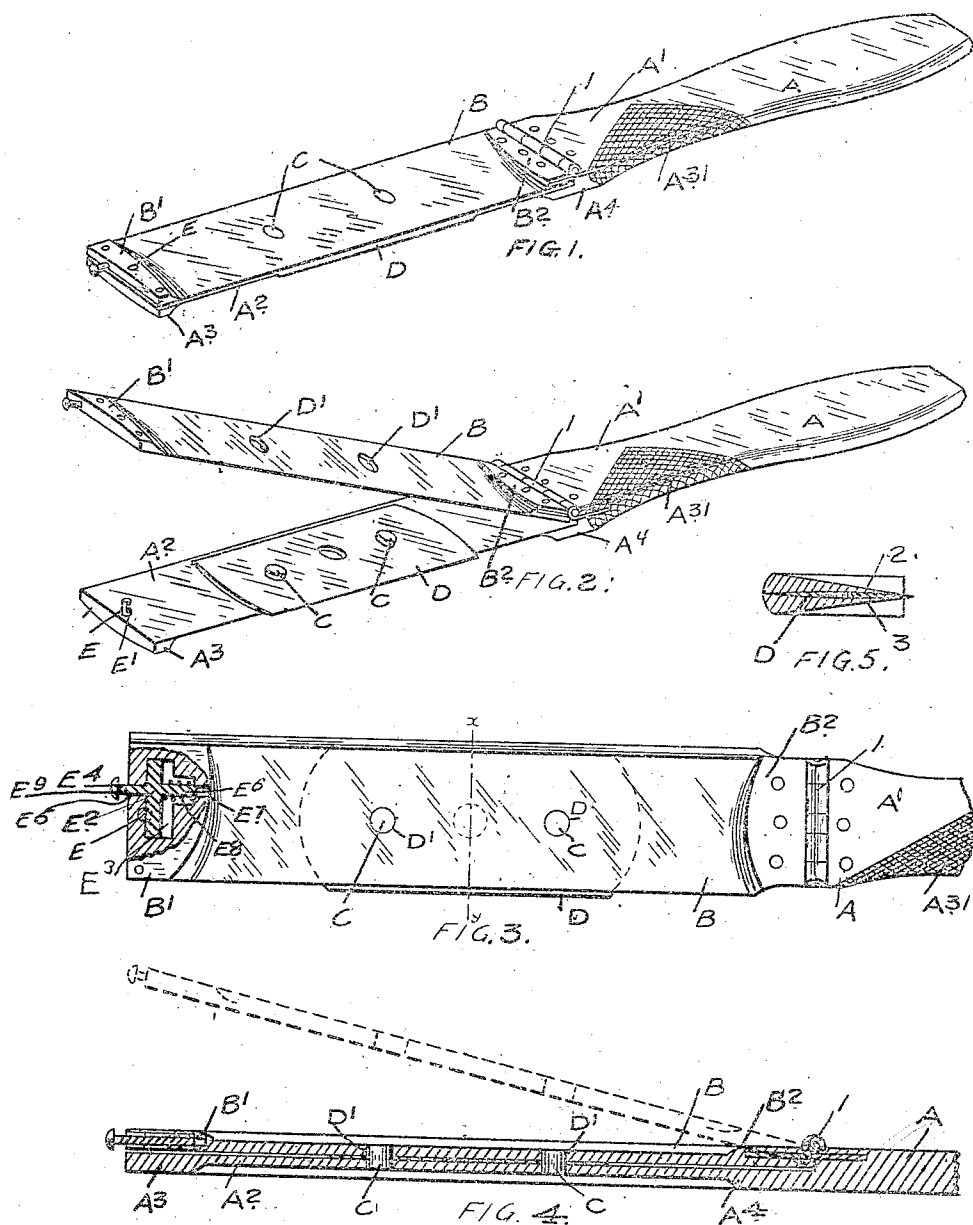


J. D. BROWN.  
SAFETY RAZOR BLADE HOLDER.  
APPLICATION FILED JAN. 26, 1909.

930,149.

Patented Aug. 3, 1909.



WITNESSES:

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## UNITED STATES PATENT OFFICE.

JOHN DARLING BROWN, OF DUNDALK, ONTARIO, CANADA, ASSIGNOR OF ONE-HALF TO  
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## SAFETY-RAZOR-BLADE HOLDER.

No. 930,149.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed January 26, 1909. Serial No. 474,213.

To all whom it may concern:

Be it known that I, JOHN DARLING BROWN, of the village of Dundalk, in the county of Grey, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Safety-Razor-Blade Holders, of which the following is the specification.

My invention relates to improvements in safety razor blade holders, and the object of the invention is to devise a form of razor blade holder in which the razor blade may be inclosed for sharpening and removed with the greatest ease.

A further object is to provide a means for insuring the razor blade being held securely in place when being sharpened.

A further object is to so construct the holder that it may be manipulated like an ordinary razor, so as to sharpen the edge of the blade without such blade springing or bending.

Another object is to so form the razor blade as to prevent the razor blade from passing off the stop as it is being sharpened.

Another object is to provide against the slipping of the razor blade holder in the hand as it is being turned over in its backward and forward movement.

My invention consists of a razor blade holder made of two members and having one of the members extending from end to end to form a handle and one half of the blade holder, and another portion hinged intermediate of the length of the aforesaid portion, a spring catch held in the extreme end of the blade holding portion and designed to connect the two portions together, the blade holding portions of the two members being beveled from one edge to the opposite edge to form a fine edge at the point where the blade protrudes, and a longitudinal recess having bounding end shoulders, the parts being otherwise constructed and arranged in detail as hereinafter more particularly explained.

Figure 1, is a perspective view of my improved safety razor blade holder with the razor blade in position. Fig. 2, is a similar view showing the hinged member raised in order to remove the blade. Fig. 3, is an enlarged detail partially in section to exhibit the form of spring catch. Fig. 4, is a longitudinal section through the major portion of

the blade holder. Fig. 5, is a cross section through the blade holding portion.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the main member of my safety razor blade holder and B the co-acting member or portion, which is hinged at 1 intermediate of the length of the holder at the inner end of the handle A', which is made of greater thickness than the portion A<sup>2</sup> which co-acts with the portion B to hold the razor blade.

The handle A' is provided with a knurled portion A<sup>1</sup>, which extends around the edge of the handle in triangular form on each side as indicated. The knurled portion A<sup>1</sup> serves as a means for retaining the thumb thereon and preventing its slipping on the handle as the razor is being sharpened and the holder given the usual turn over movement for that purpose. The portion A<sup>2</sup> as well as the portion B are thicker at one edge than at the opposite, which is practically a knife edge and each portion is slightly recessed or dished in cross section at 2 and 3 toward the knife edge side.

C are pins, which extend upwardly from the portion A<sup>2</sup>, such pins being designed to pass through holes D' in the portion B, and through the portions in the safety razor blade D. The safety razor blade D is gripped by the knife edges near the edge, which is to be sharpened by reason of the internal concave recesses of the blade as indicated particularly in Fig. 5.

The portions B and A<sup>2</sup> are thicker at each end being curved from the edge upwardly to the thickened portion as indicated in the drawings, so as to form end shoulders. The end shoulders in the portion B I designate B' and B<sup>2</sup> and the end shoulders in the portion A<sup>2</sup> I designate A<sup>3</sup> and A<sup>4</sup>. The shoulders B' and B<sup>2</sup> and A<sup>3</sup> and A<sup>4</sup> serve to limit the endwise movement of the gripping portion of the razor holder, as it is being moved up and down the stop, and I find effectually prevents the blade holding portion of the razor blade holder from moving off the stop as the blade is being stropped. The end shoulders B' and A<sup>3</sup> serve also another purpose viz. to provide a means for holding the end catch.

The end catch consists of a pin E provided with a notch E' suitably secured on the in-

side of the shoulder A<sup>3</sup> and a plunger bar E<sup>2</sup> designed to co-act therewith and held in a recess E<sup>3</sup> made in the shoulder B' of the portion B. The plunger bar comprises a stem E<sup>4</sup>, which extends out through an orifice E<sup>5</sup> in the end shoulder B' and a stem E<sup>6</sup> working in a recess E<sup>7</sup> having a reduced end.

E<sup>8</sup> is a spiral spring, which encircles the stem E<sup>6</sup> and is designed to normally hold the bar E<sup>2</sup> in engagement with the notch E' of the pin E and thus hold the two portions B and A<sup>2</sup> of the holder, so as to normally grip and hold the razor blade D. The stem E<sup>4</sup> is provided with a button E<sup>9</sup> at the end.

By pressing on the button E<sup>9</sup> the bar E<sup>2</sup> is disengaged from the notched pin E and the member B may be swung up and the plate removed and changed around, so that the opposite edge projects beyond the gripping edge of the member and portion A<sup>2</sup> of the member A.

I am aware that it is not new to make razor blade holders having one portion hinged to the other and the blade gripped in between them, and I am also aware that various means have been devised for fastening the two portions together. I, therefore, do not wish to lay claim broadly to any such construction.

What I claim as my invention is:

1. A safety razor blade holder comprising a main member having a handle portion, and a blade holding portion of less thickness and a co-acting member hinged intermediate of the length of the main member on the inner end of the handle, and a detachable means

located at the outer extremities of the main blade holding portion and the co-acting blade holding portion for removably connecting the blade holding portions together at their outer ends as and for the purpose specified.

2. A safety razor blade holder comprising a main member having a handle portion, and a blade holding portion of less thickness and a co-acting member hinged intermediate of the length of the main member on the inner end of the handle, and a detachable means located at the outer extremities of the main blade holding portion and the co-acting blade holding portion for connecting the blade holding portions together, the central portions of the blade holding portions being beveled from one side to the other to a knife edge, so as to form shoulders at the ends of the said portions as and for the purpose specified.

3. A safety razor blade holder comprising a main member having a handle portion, and a blade holding portion of less thickness and a co-acting member hinged intermediate of the length of the main member on the inner end of the handle, a pin at the outer end on one blade holding portion having a cross notch, and a spring-held bar and plunger held in a recess in the end of the other blade holding portion and designed to co-act with the notched pin aforesaid as and for the purpose specified.

JOHN DARLING BROWN.

Witnesses:

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