Jan. 8, 1924. 1,480,053

E. W. ERICSSON

RAZOR BLADE HOLDER

Filed Jan. 30, 1922

FIG. 1.

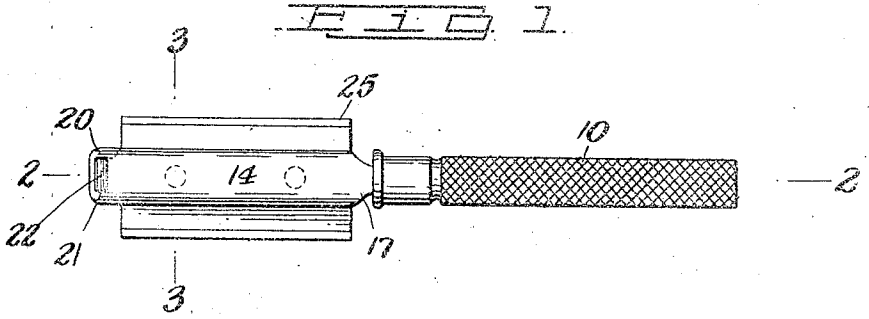


FIG. 2.

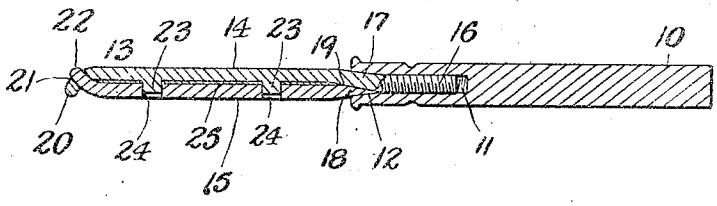


FIG. 3.

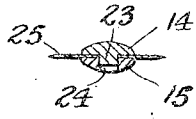


FIG. 4.

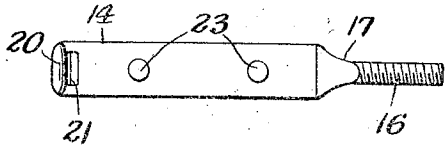
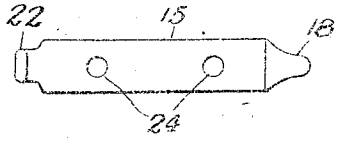


FIG. 5.



Inventor
Eric W. Ericsson
By his Attorneys
Edgar Tate & Co

Patented Jan. 8, 1924. 1,480,053

UNITED STATES PATENT OFFICE.

ERIC W. ERICSSON, OF BROOKLYN, NEW YORK.

RAZOR-BLADE HOLDER.

Application filed January 30, 1922. Serial No. 532,599.

To all whom it may concern:

Be it known that I, ERIC W. ERICSSON, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Razor-Blade Holders, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to holders for razor blades of various kinds and classes, and the object of the invention is to provide a holder of this class which will facilitate the quick attachment and detachment of blades therewith for stropping or other purposes; a further object being to provide a device of this class composed of a plurality of movably connected and interlocked parts between two of which the blade is adapted to be clamped and firmly held in the operation of stropping said blade, and means for holding said parts together with the blade therebetween, and with these and other objects in view the invention consists in a device of the class and for the purpose specified which is simple in construction, efficient in use and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Fig. 1 is a plan view of my improved holder showing a blade mounted therein;

Fig. 2 a section on the line 2—2 of Fig. 1;

Fig. 3 a section on the line 3—3 of Fig. 1;

Fig. 4 a detail view of one part of the construction which I employ; and,

Fig. 5 a detail plan view of another part of the construction which I employ.

In practice, I provide a handle member 10 preferably milled as shown in Fig. 1 and provided at one end portion with a threaded bore 11, the outer end of which is flared or conical in form as shown at 12. I also employ a blade support 13 composed of separate jaw members 14 and 15, the jaw member 14 being longer than the jaw member 15 and provided at one end with a threaded extension 16 adapted to operate in connection with the threaded bore 11 of the handle 10, and inwardly of the threaded extension 16 the jaw member 14 is beveled as shown at 17 as is also the corresponding end 18 of the jaw member 15, and the separate jaw members at this end abut as shown at 19.

The opposite end of the jaw member 14 is provided with a curved portion 20 having an aperture 21, and the corresponding end of the jaw member 15 is reduced and provided with a curved projection 22 adapted to be passed through the aperture 21, and the inner face of the jaw member 14 is provided with spaced projecting pins 23 adapted to pass through correspondingly formed apertures 24 in the jaw member 15.

In the use of the device the handle member 10 is moved outwardly upon the threaded extension 16 of the jaw member 14 sufficient to permit of the detachment of the jaw member 15, after which a razor blade such as shown at 25 in Figs. 1 to 3 inclusive is placed upon a jaw member 14 with the projections 23 thereof passing through the usual apertures in said blade, after which the jaw member 15 is mounted upon the blade 25 of the jaw member 14 by first passing the projection 22 thereof through the aperture 21 and then moving said jaw member 15 into parallel position with the jaw member 14 and passing the projections 23 through the apertures 24 thereof, after which the handle member 10 is screwed inwardly upon the threaded extension 16 to clamp the jaw members 14 and 15 together. This result is accomplished by the tapered or conical end 12 of the bore 11 cooperating with the tapered ends of the jaw members 14 and 15.

With my improved holder a razor blade to be stropped may quickly and easily be attached to and detached from the holder, and the stropping operation is facilitated by reason of the construction of the holder, and while I have shown certain details of construction for carrying my invention into effect, it will be apparent that I am not necessarily limited to these details, and changes therein and modifications thereof may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A holder of the class described comprising a handle member provided at one

end with a threaded bore which flares outwardly, a jaw member provided at one end with a threaded extension and at its opposite end with a curved apertured portion, a supplemental jaw member provided at one end with a projection adapted to pass through the apertured end of the first named jaw member and the other end of said last named jaw member and the corresponding portion of the first named jaw member being tapered to conform with the flared bore of the handle member whereby said handle member serves to secure the separate jaw members together.

2. A holder of the class described comprising a handle member provided at one end with a threaded bore which flares outwardly, a jaw member provided at one end with a threaded extension and at its opposite end with a curved apertured portion, a supplemental jaw member provided at one end with a projection adapted to pass through the apertured end of the first named jaw member and the other end of said last named jaw member and the corresponding portion of the first named jaw member being tapered to conform with the flared bore of the handle member whereby said handle member serves to secure the separate jaw members together, and one of said jaw members being provided on the inner face thereof with projections adapted to pass into the other of said jaw members.

In testimony that I claim the foregoing as my invention I have signed my name in presence of a subscribing witness this 14th day of January, 1922.

ERIC W. ERICSSON.

Witness:

V. H. JACOBSON