

B. T. TRUEBLOOD.

KNIFE.

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Fig. 1

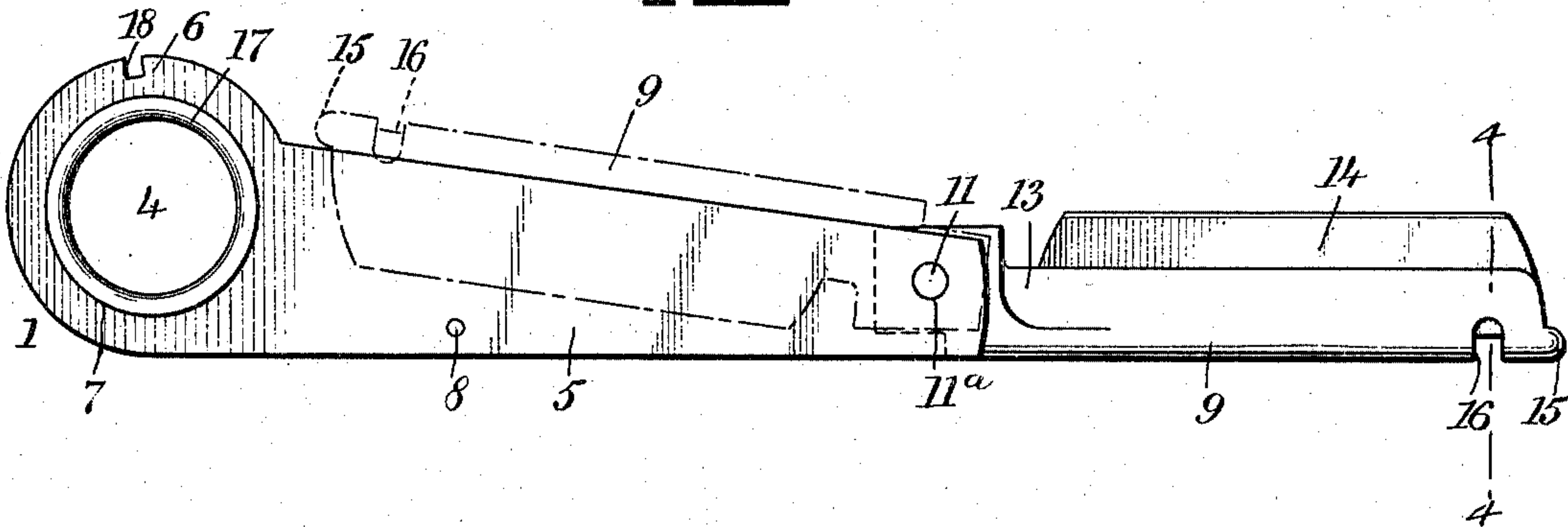


Fig. 2

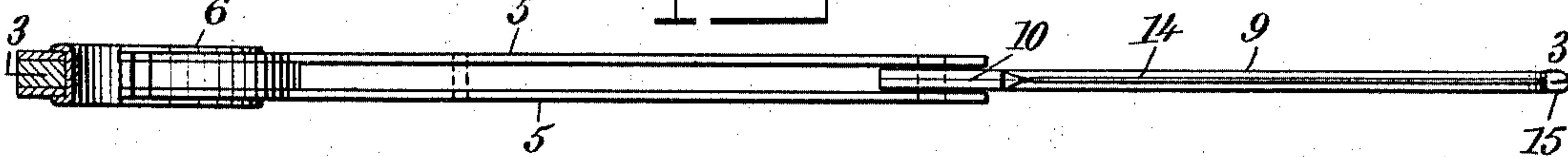


Fig. 3

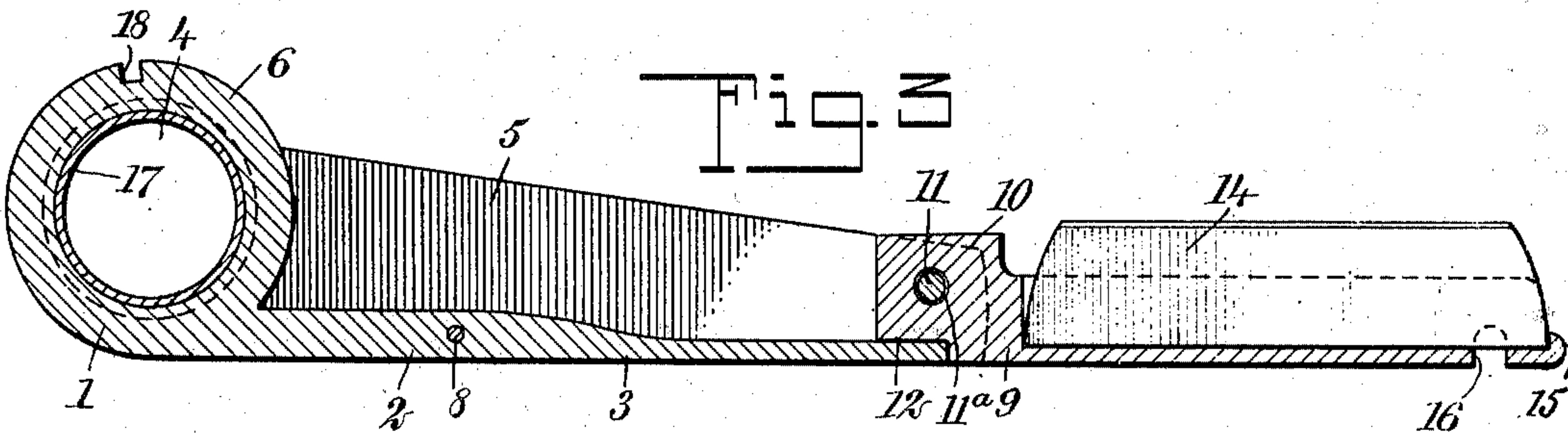
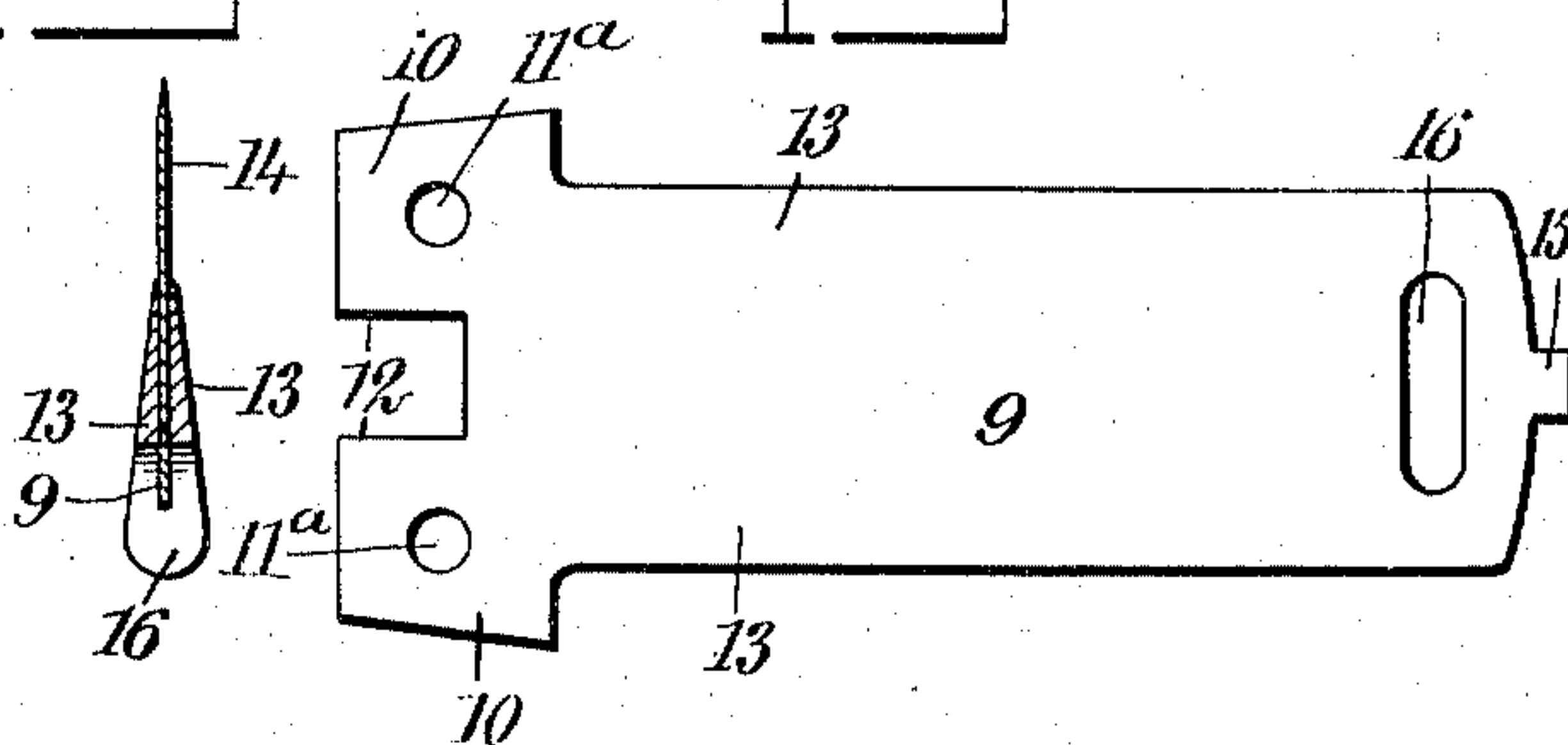


Fig. 4

Fig. 5



WITNESSES

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KNIFE.

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To all whom it may concern:

Be it known that I, BARCLAY T. TRUEBLOOD, a citizen of the United States, and a resident of Kirkland, in the county of King and State of Washington, have invented a new and Improved Knife, of which the following is a full, clear, and exact description.

This invention relates to knives, and more particularly such as can be easily folded, and each of which consists of a handle, a blade holder pivotally secured to the handle, and a removable blade adapted to be mounted in the blade holder, the blades that are used for this purpose being preferably the partly used or discarded blades of the ordinary safety razor.

The object of the invention is to provide a device of the class described, simple and serviceable in construction and inexpensive to manufacture, which, when closed, is of convenient size to be easily carried in a pocket, and which employs the discarded blades of a safety razor.

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 an embodiment of my invention, showing, in dotted outline, the blade holder folded into an inoperative position; Fig. 2 is an edge elevation having parts broken away; Fig. 3 is a longitudinal section on the line 3—3 of Fig. 2; Fig. 4 is an enlarged cross section on the line 4—4 of Fig. 1; and Fig. 5 is a plan view of the blank from which the blade holder is formed.

Before proceeding to a more detailed description of my invention, it should be understood that I provide a knife which, as before mentioned, consists of, or includes, a handle and a blade holder pivotally secured to the handle. The blades which I preferably employ with my device are the partly used or discarded blades of the ordinary safety razor. A blade can easily be mounted in the holder, and when it becomes dull through use, can be removed and another substituted therefor. In this manner, I provide a knife which has removable blades, the latter although having become too dull through use to be of further value in shaving, being sharp enough to be used with my device, as knife blades.

In the specific form shown in the draw-

ings, I provide a handle body 1 having a tongue 2 integral therewith. The latter has a constricted portion 3, for a purpose to be hereinafter described. The body 1 has an opening 4 which can be used for securing the device to a chain or for affording a better grip in cutting, as one of the fingers of the operator can be easily passed into the opening. On the body member are sides 5, the latter having their ends 6 which are adjacent to the body 1, suitably enlarged so that they cover the body, while they also are provided with openings 7 which register with the opening 4. The opposite ends of the sides extend slightly beyond the end of the constricted portion 3 of the tongue 2, as shown most clearly in Fig. 3. Further, a rivet 8 extends through the sides and the tongue 2 and serves to hold them together. I also provide a blade holder 9 having the end 10 located between the sides 5 of the handle and held in place by means of a pivot pin 11. The lower edge 12 of the portion 10 rests against the constricted part 3 of the tongue 2, the latter acting as a spring to keep the holder in place and to prevent its closing too easily.

The portion of the holder which receives the blade has flexible sides 13, the latter being inwardly bent so that when a blade is in position, the sides will press against the same and hold it firmly in place. The holder further has an extension 15 which is upwardly bent so that it will engage the lower outer end of the blade 14 to keep it from slipping out of the holder, as shown most clearly in Fig. 3. A recess 16 is located near the forward end of the holder, so that when it is desired to remove a blade from the latter, the end of the blade can be easily pushed out of the holder so that it will no longer be in engagement with the extension 15, when it can be slid out of the holder altogether.

As shown in dotted outline in Fig. 1, the holder can be folded back upon the handle, the blade being received between the sides 5 of the handle. The spring tongue 2 serves to maintain the holder in a closed position. Although I preferably employ for blades those discarded from safety razors, other blades may be used to equal advantage. To secure the enlarged portions 6 of the sides 5 to the body 1, I provide a rivet ring 17, which, by means of its outwardly disposed edges, serves to hold the

parts firmly together. The ring is located in the registering openings 4 and 7.

Fig. 5 is a plan view of an elongated blank from which the blade holder 9 is formed and which has one end bifurcated and provided with lateral extensions 10 each having an opening 11^a extending there-through. At the opposite end of the holder is the transversely elongated opening 16. The extension 15 is located at this end of the holder. In forming the blade holder, the blank is bent upon itself along its center so that the openings 11^a will register to receive the pivot pin 11. The extension 15 is upwardly bent so that it will constitute a keeper for the blade.

It should be further understood that it is often preferable to break the razor blades in half before using them, so that they will fit the holder more conveniently. To remove the irregularities due to the breaking of the blades, I provide a kerf 18, located on the handle of the device, in which kerf one blade at a time can be inserted and the irregularities clipped off.

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

1. A knife comprising a handle having an enlarged and apertured body provided with a tongue, sides having one end enlarged to correspond with the body and arranged on opposite sides of the said body and tongue, the enlarged ends of the sides being provided with apertures registering with the aperture of the body, and a rivet ring in the apertures of the sides and body and having its edges bent outwardly against the said sides, and a blade carried by the handle.

2. In a device of the class described, a handle having spaced sides, a body between said sides, said sides and said body having registering openings, a rivet ring in said registering openings and having the edges outwardly disposed against said sides adjacent to said openings of said sides, said body having a resilient tongue extending longitudinally of said handle, a blade holder pivoted between said sides and engaging at the end of said resilient tongue whereby said blade holder can be held in an operative position and an inoperative position, and a blade removably carried by said holder.

3. In a device of the class described, a handle, and a blade holder pivotally secured to said handle, said blade holder being formed from an elongated blank bent upon itself to form spaced resilient sides, said blank having one end bifurcated to form a recess when said holder is completed, said handle having a resilient tongue adapted to

engage said recess to maintain said blade holder extended when the device opened.

4. In a device of the class described, a handle, and a blade holder pivotally secured to said handle, said blade holder being formed from an elongated blank bent upon itself to form spaced, resilient sides, said blank having one end bifurcated to form a recess when said holder is completed, said handle having a resilient tongue adapted to engage said recess to maintain said blade holder extended when the device is opened, said blank having at the opposite end an extension laterally disposed when said holder is completed, to form a stop for securing the blade within the holder.

5. In a device of the class described, a handle, and a blade holder pivotally secured to said handle, said blade holder being formed of an elongated blank having one end bifurcated and having laterally disposed extensions, each extension having an opening therein, said blank further having an elongated, transverse opening at the other end thereof, and an extension, the latter, when the device is in the finished form, serving to limit the longitudinal movement of a blade.

6. In a device of the class described, a handle comprising a body member, having a tongue and being substantially annular in form; sides adapted to be secured to said body member, and each having an opening adapted to register with the opening in said body, means in said openings for securing said sides to said body, further means for securing said sides to said tongue intermediate their ends, and a blade holder adapted to receive a razor blade, said holder being pivotally secured to said handle so that, when folded into an inoperative position, it will lie partly between the sides of said handle, said holder further having resilient sides adapted to prevent the lateral movement of a blade held therebetween, and further being furnished with means to limit the longitudinal movement of the blade.

7. A blank for a blade holder comprising an elongated body having one end bifurcated and provided with lateral and apertured extensions and provided at its other end with a transversely extending slot and a reduced extension.

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

BARCLAY T. TRUEBLOOD.

Witnesses:

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DOUGLAS ROSS.