

(No Model.)

F. J. BRAUCH.

PUTTY KNIFE.

No. 364,159.

Patented May 31, 1887.

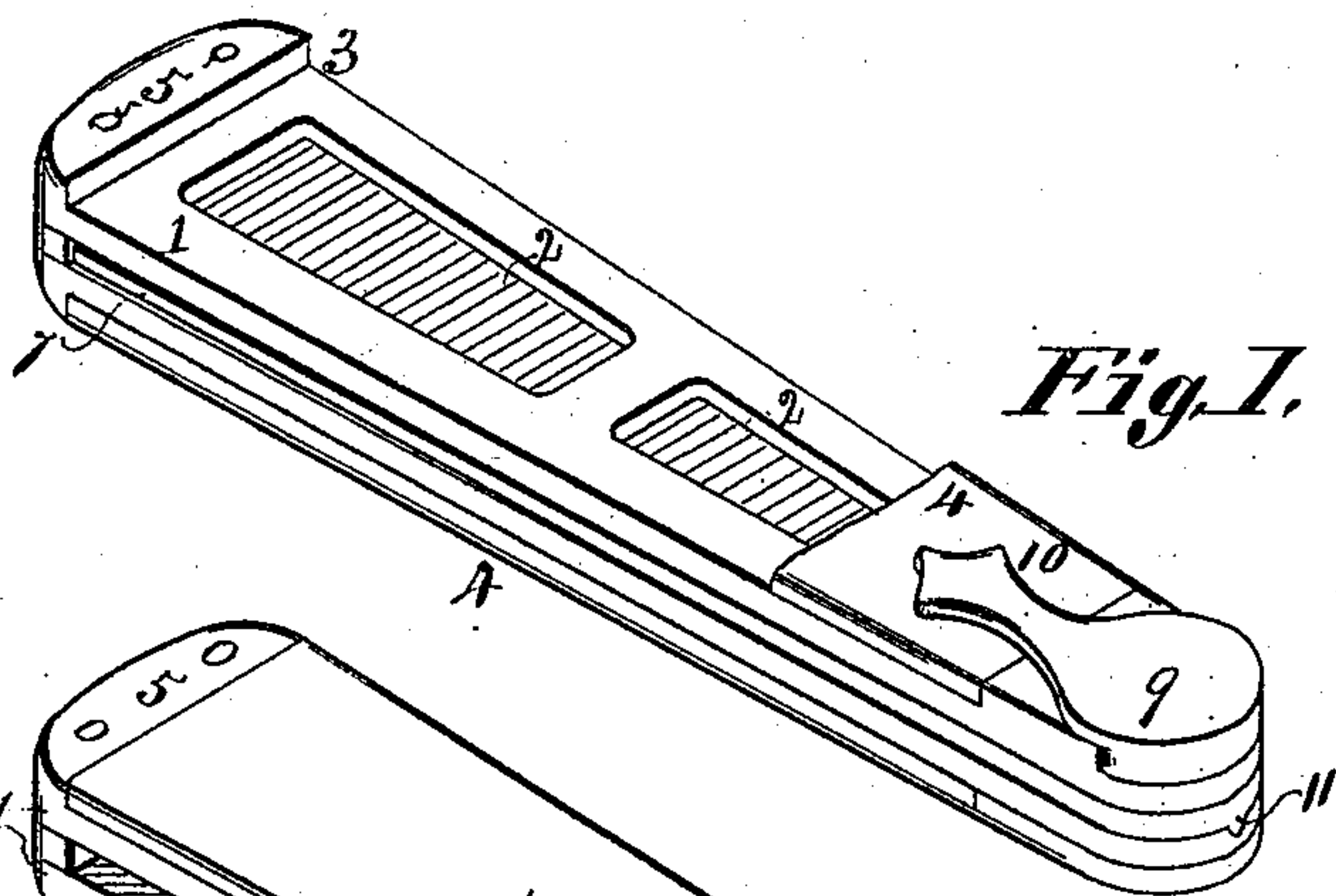


Fig. I.

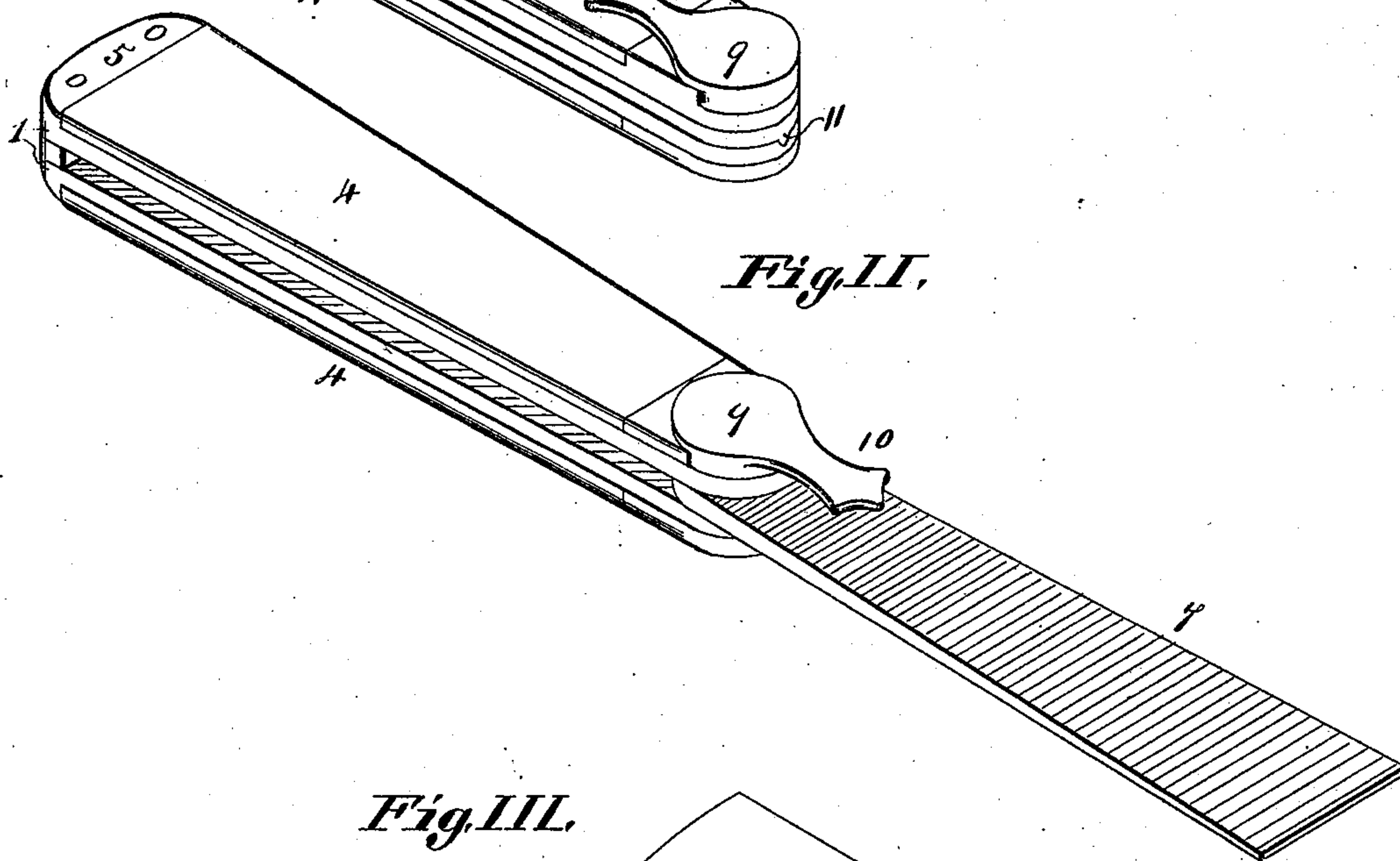


Fig. II.

Fig. III.

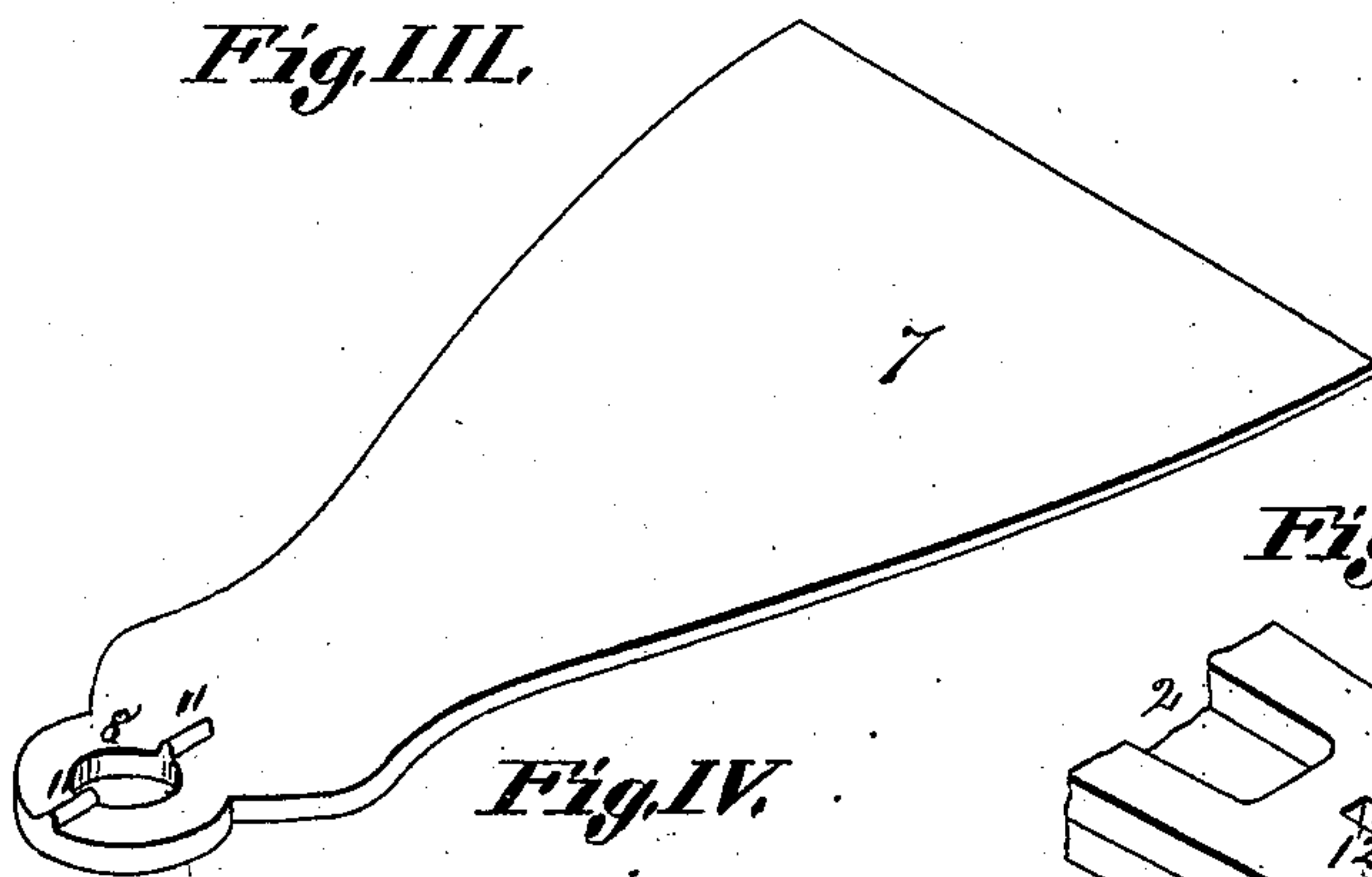


Fig. IV.

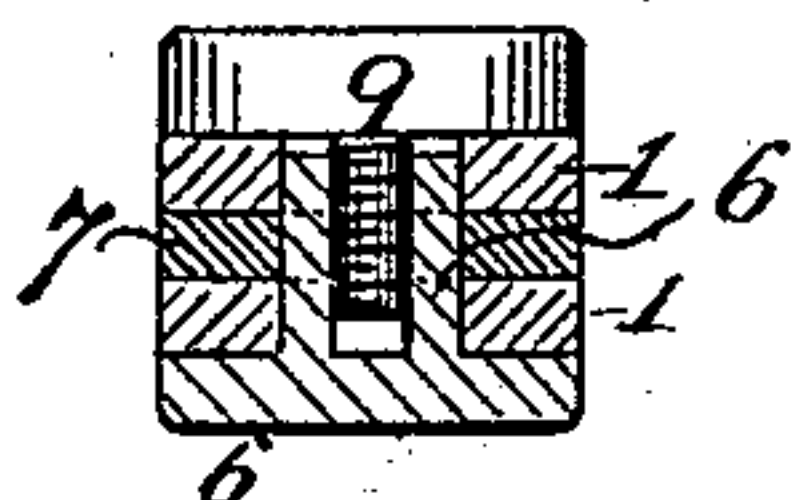
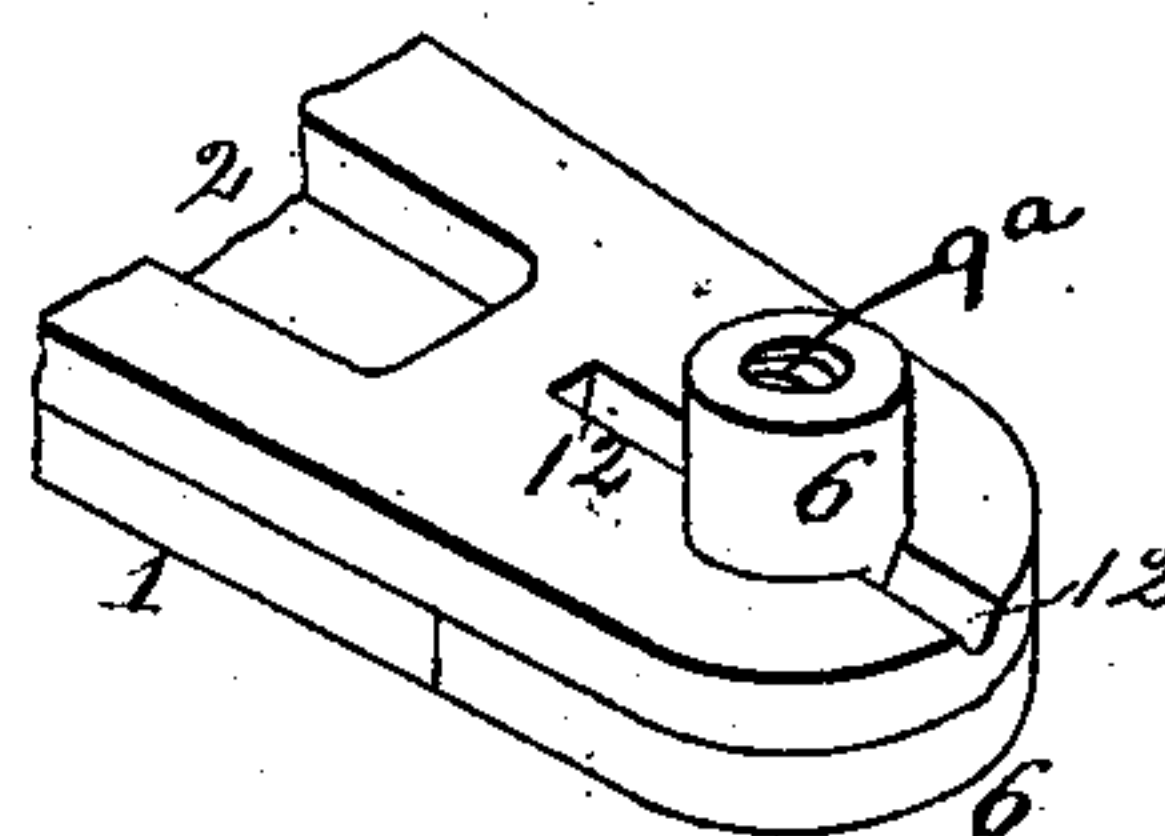


Fig. V.



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FRED J. BRAUCH, OF BELLEVILLE, ILLINOIS.

PUTTY-KNIFE.

SPECIFICATION forming part of Letters Patent No. 364,159, dated May 31, 1887.

Application filed January 10, 1887. Serial No. 223,897. (No model.)

To all whom it may concern:

Be it known that I, FRED J. BRAUCH, of Belleville, in the county of St. Clair, and State of Illinois, have invented certain new and useful Improvements in Putty-Knives, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure I is a perspective view of the knife closed up and with part of one of the side plates removed. Fig. II is a perspective view of the open knife. Fig. III is a perspective view of a blade. Fig. IV is a transverse section of the joint, the clamping screw being in side view. Fig. V is a detail perspective view of the screw-socketed pintle with part of the handle.

The handle may be of any suitable construction for the purpose. I will describe it as shown.

1 1 are metal frames, cast with opening or openings 2, for the sake of lightness, and with a recess, 3, to receive a side piece, 4, which may be of wood or any other suitable material. These frames 1 are connected together at the butt-end by rivets 5, or other means.

6 is a pintle-stud, which may be in one piece with one of the frames 1, or may be attached thereto in any manner, and which extends through the other of the frames 1.

7 is the blade, having an orifice, 8, fitting the pintle 6, which passes through it and forms the hinge on which it turns in opening and closing. The pintle has an axial screw-threaded socket, in which turns the screw 9, by which the ends of the plates 1 are forced against the end of the blade 7 to hold it firmly in the handle. The screw-head has a thumb-piece, 10, by which it may be turned.

11 11 are ribs upon the blade, which enter

grooves 12, made in one of the frames 1, close to the pintle-stud. The interlocking device of the ribs 11 and grooves 12 holds the blade firmly to place when the screw 9 is turned home. Thus the blade may be held fast, whether folded into the handle, as seen in Fig. I, or in position for use, as shown in Fig. II.

It is preferred that the pintle-stud 6 shall be of a separate piece, as shown, from either of the frames 1, so that it may be drawn out for the easy removal of the blade for the substitution of another of different form or size; but it may be made in one piece with one of these frames or fixed thereto, as before described.

As a modification, the rib 11 and groove 12 may be transposed, the rib being on the frame and groove in the blade.

I claim as my invention—

1. The putty-knife having a blade turning on the pintle stud, having a screw-threaded socket and a clamping-screw working in the socket, substantially as and for the purpose set forth.

2. The combination, in a putty-knife, of the side parts, 1 4, of the handle, the screw-socketed pintle, the clamping-screw, and the interlocking rib and groove 11 and 12, substantially as set forth.

3. The combination of the handle having its sides connected at the butt-end, a blade jointed between the other ends of the sides, interlocking rib and groove, respectively, on the blade and one of the sides, and a screw forcing the sides against the blade, substantially as and for the purpose set forth.

FRED J. BRAUCH.

Witnesses:

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