

D. E. Smith,

Knife.

No. 92,217.

Patented July 6, 1869.

Fig. 1.

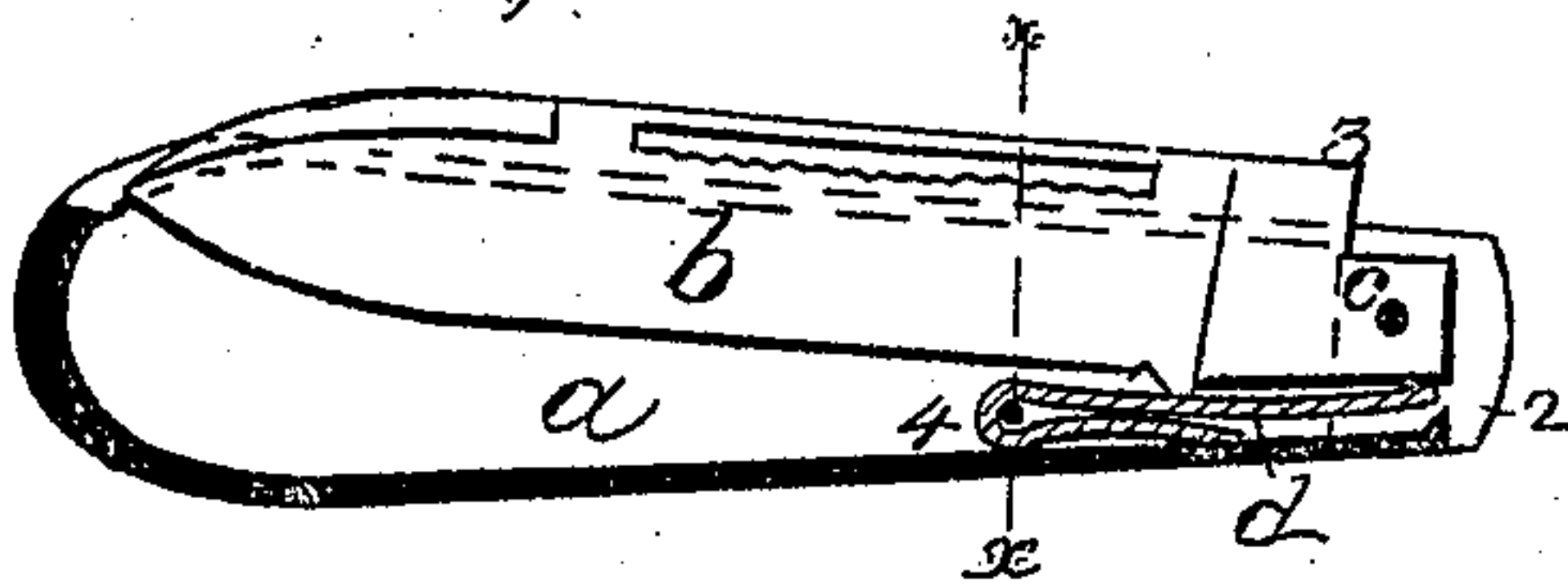


Fig. 3.

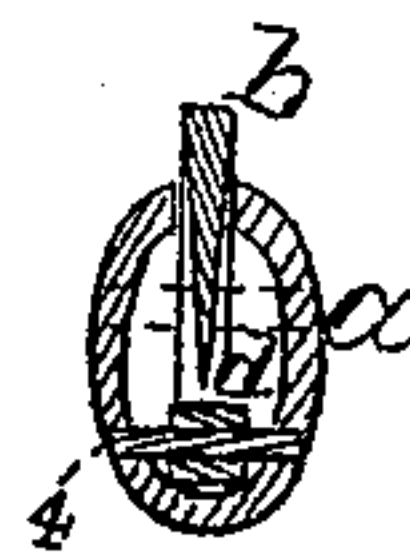
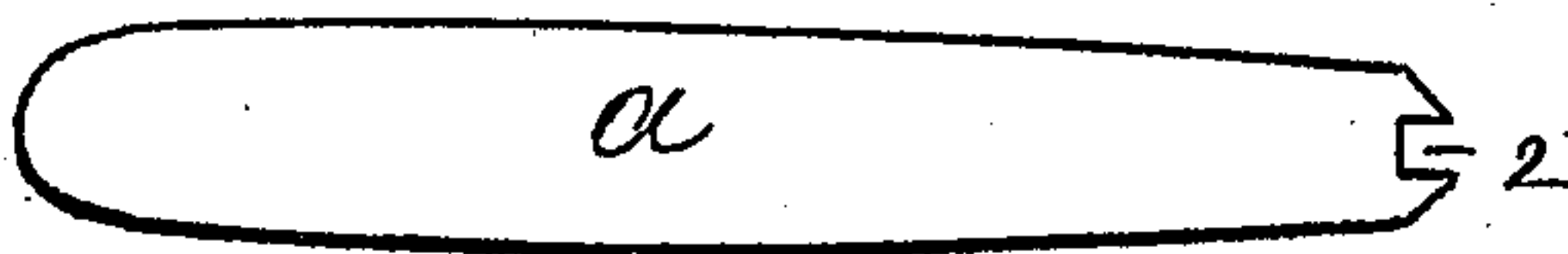


Fig. 2.



Witnesses,

Chas. H. Smith
Geo. J. Pinckney

David E. Smith

per L. W. Serrell
att'y.

United States Patent Office.

DAVID E. SMITH, OF BRONXVILLE, NEW YORK.

Letters Patent No. 92,217, dated July 6, 1869.

IMPROVEMENT IN POCKET-CUTLERY.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, DAVID E. SMITH, of Bronxville, in the county of Westchester, and State of New York, have invented and made a new and useful Improvement in Pocket-Knives; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a section longitudinally through the spring and handle;

Figure 2 is a view of the back part of the handle; and

Figure 3 is a cross-section at the line *x x*, fig. 1.

Similar marks of reference denote the same parts.

This invention relates to a knife formed with a cast-metal handle, the sides and back being cast in one piece, and having an inward projection for the heel of the blade when open, in combination with a folded spring, that retains the blade when either open or shut.

In the drawing—

a is the cast-metal handle, formed in one piece, and of about the sectional shape shown in fig. 3.

The handle may be adapted to receiving a blade or blades at each end. I, however, have only shown a blade at one end.

At the end of the back portion of the handle, at the point against which the heel of the blade sets open, I provide a projection, 2, passing inward to form a large

bearing for the heel of the blade to rest against, and also strengthen the handle at this part.

The blade *b* is mounted upon the pivot *c*, and formed with the heel 3 taking against the projection 2, when opened.

The spring *d* is folded upon itself, to form two spring-arms, one of which sets up against the square of the blade, the other against the inside of the handle at the back, and a pin, 4, passing through an eye at the fold of the spring, allows the arms of said spring to play, but confines the spring to place in the handle.

Knives made in this manner are very strong and durable, the back of the handle is smooth, and no part of the spring projects or is exposed to becoming rusty or discolored by handling.

What I claim, and desire to secure by Letters Patent, is—

The knife-handle, with the back, sides, and projection 2 cast in one piece, in combination with the folded spring, applied in the manner and for the purposes specified.

In witness whereof, I have hereunto set my signature, this 26th day of December, A. D. 1868.

DAVID E. SMITH.

Witnesses:

CHAS. H. SMITH,
GEO. T. PINCKNEY.