

G. F. Stedman,

Buckle.

No. 102,849.

Patented Dec. 6. 1870.

Fig. 1.

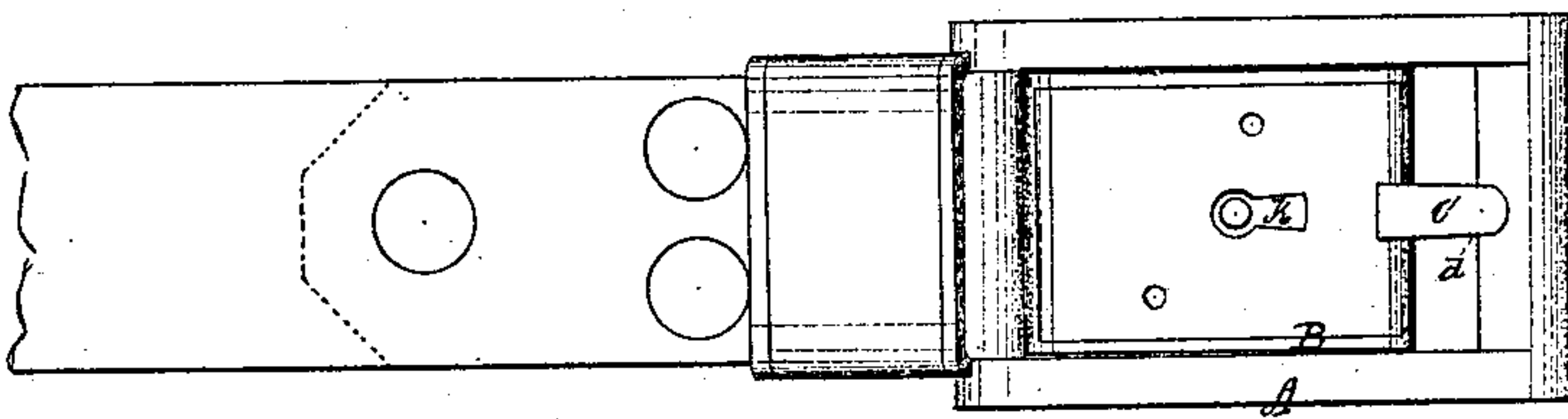


Fig. 3.

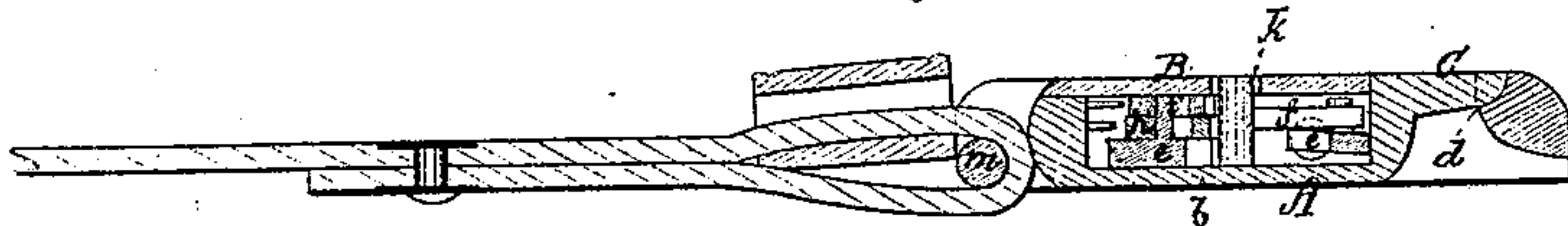
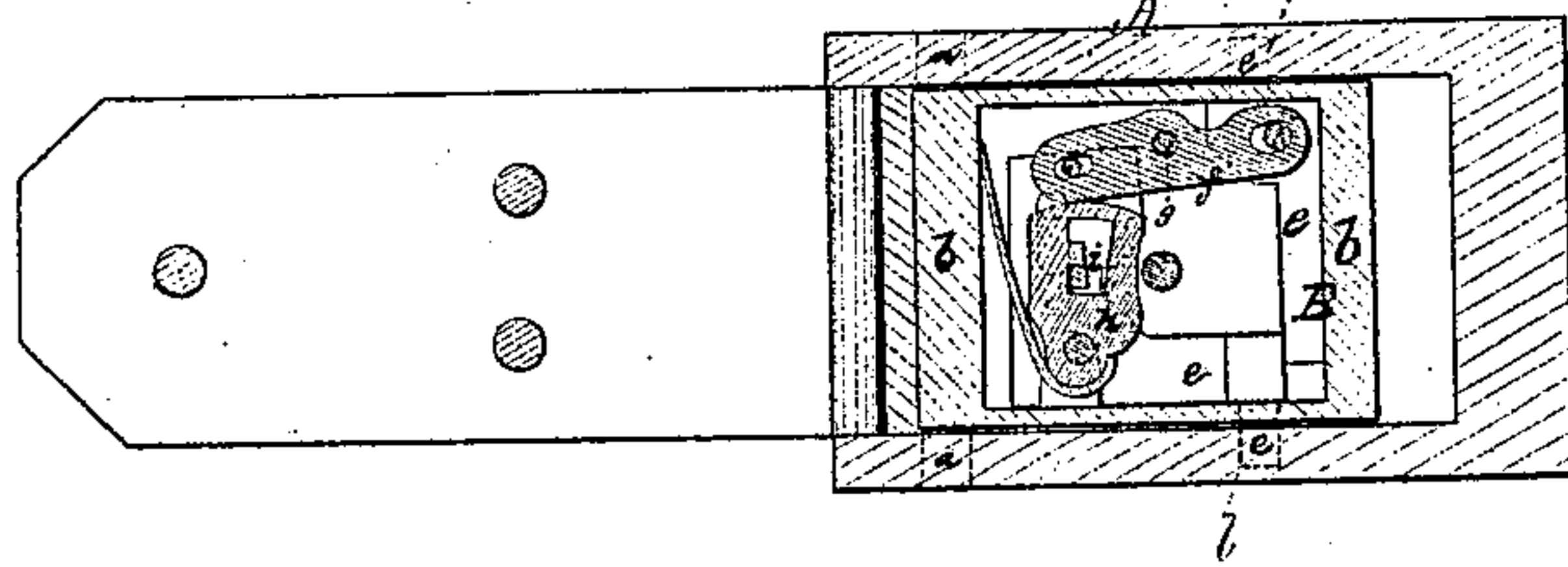


Fig. 2.



Witnesses.

S. N. Piper

J. R. Snow

George F. Stedman.

by his attorney.

R. W. Ledy

United States Patent Office.

GEORGE E. STEDMAN, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 109,849, dated December 6, 1870.

IMPROVEMENT IN BUCKLES.

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

To all persons to whom these presents may come:

Be it known that I, GEORGE E. STEDMAN, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful or Improved Buckle; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawing, in which—

Figure 1 is a top view;

Figure 2, a horizontal section; and

Figure 3 is a longitudinal section of it as applied to a strap.

In this buckle the tongue is provided with a lock to move with the tongue, and to serve to fasten the tongue down in the frame to which such tongue may be pivoted.

In the drawing—

A denotes the buckle-frame, which has within it and pivoted to it, as shown at *a a*, the box *b* of a lock, B, from which the buckle-tongue C projects, and when down in the frame enters a small recess, *d*, in the frame.

The box B contains two bolts, *c e*, connected by a joint-link or lever, *f*, having its fulcrum at *g*.

To one of the said bolts there is a set of one or more tumblers, *h*, to operate with a stud, *i*.

The bolts play through opposite sides of the lock-case, there being recesses, *l l*, made in the frame of the buckle to receive them.

The key-hole of the lock is shown at *k*.

From the above it will be seen that the lock in one sense constitutes part of the tongue, the two being movable together within the buckle-frame.

On turning the key the bolts will be simultaneously shot forward or retracted, as occasion may require, whether to fasten the tongue or unfasten it, as circumstances may require.

The strap is to be fastened to the end bar *m* of the frame.

I am aware of the tug-buckle shown in the United

States Patent, No. 47,570, such tug-buckle being represented as having a tongue stationary relative to the buckle-frame, and having to the latter a pivoted plate or cap provided with a latch, the object of such plate being to hold the strap in place on the tongue. I make no claim to such tug-buckle.

Nor do I herein claim a buckle as provided not only with a tongue pivoted to the frame, but with a cap-plate pivoted to such frame and furnished with a lock to fasten it down in the frame, such being as shown in a pending application for a patent filed by me on March 31, 1869.

My present locking-buckle is much simpler in construction than the latter, and is better in many respects.

Although I have shown the lock as provided with two bolts to operate in opposite directions from it, a lock having a single bolt may be substituted; but one with two bolts is preferable on account of the better support they afford the lock in the frame.

I make no claim to a locking-buckle constructed in either of the ways as described in the English patent of Greenwood, dated December 14, 1869, wherein the lock is made fast within or to the frame as to be immovable with respect to it.

In my buckle, however, the lock is hinged to the frame, and the tongue projects directly from the lock-case, and is movable with it relatively to the frame, such changes in the buckle admitting of a strap being introduced and drawn into or out of the frame with greater facility.

I therefore claim as my invention—

The improved locking-buckle, having its lock-case pivoted to the frame and the tongue projected from the said case and movable with it, as described.

GEO. E. STEDMAN.

Witnesses:

R. H. EDDY,
J. R. SNOW.