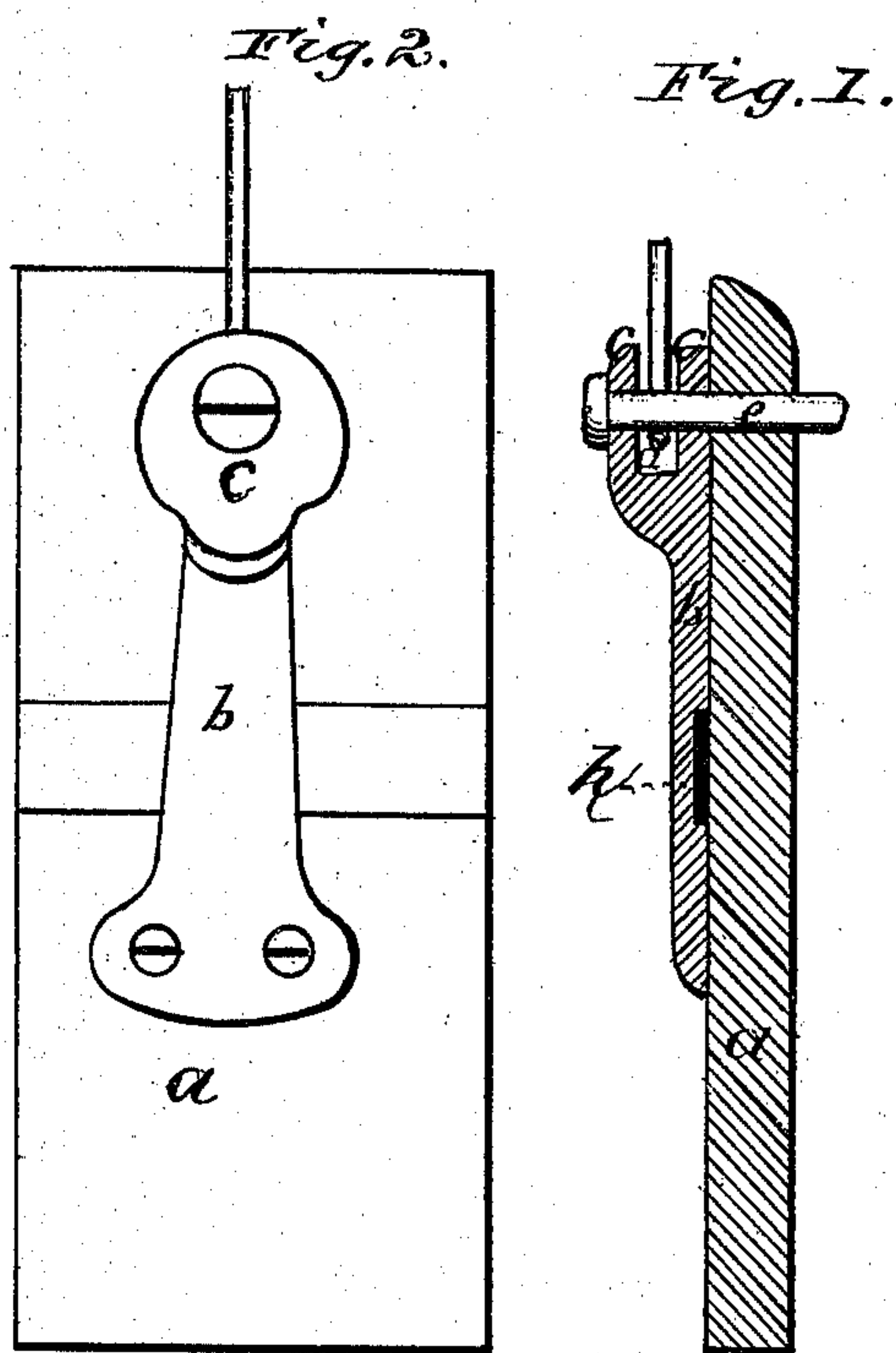


J. A. OTIS.
PAIL EAR.

No. 104,488.

Patented June 21, 1870.



Witness.
M. E. Otis.
C. Taylor.

Inventor. J. A. Otis by
Geo. E. Brown, Atty.

United States Patent Office.

JOEL A. OTIS, OF RUTLAND, NEW YORK.

Letters Patent No. 104,488, dated June 21, 1870.

IMPROVEMENT IN PAIL-EARS.

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, JOEL A. OTIS, of Rutland, in the State of New York, have invented a new and useful Improvement in Pail-Ears; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and letters of reference marked thereon making a part of this specification, in which—

Figure 1 is a sectional elevation, and

Figure 2 a side elevation.

This invention consists in a metallic pail-ear, constructed at its upper part in two branches, between which the eye of the bale is placed and secured by a pin passing through the eye, and branches into the pail.

To enable those skilled in the art to make and use my invention, I now proceed to describe its construction and operation.

Similar letters in the drawing refer to like parts.

A pail-stave is shown at *a*.

b is the pail-ear, made of malleable or common

sheet-iron, and secured to the stave by screws or nails at its lower end;

c c are the branches at the upper part of the ear;
d is the eye of the bail, placed between the branches; and

e is the pin or screw passing through the eye, and branches and top of pail.

There is a recess, *h*, in the ear, to inclose the upper hoop.

The ear is located below the top of the pail, and is, therefore, not so liable to be knocked off as though it projected above.

The outer branch protects the eye of the bail, and renders the fastening more secure.

I claim as my invention—

The pail-ear *b*, constructed with the branches *c c*, as described.

JOEL A. OTIS.

Witnesses;

E. L. SARGENT,
WM. OSTRANDER.