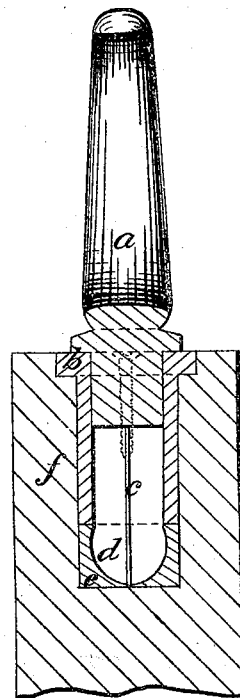
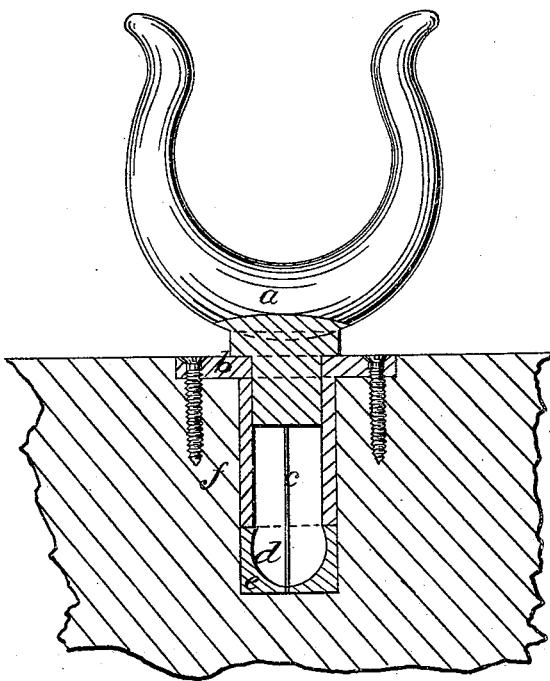


M. L. Babb.
Oar Lock.

N^o 50,547.

Patented Oct. 24, 1865.



Witnesses,

Geo. E. Jackson
Thomas Anny Delbis.

Inventor,

Marshall L Babb

UNITED STATES PATENT OFFICE.

MARSHAL L. BABB, OF CAPE ELIZABETH, MAINE.

IMPROVED ROWLOCK.

Specification forming part of Letters Patent No. **50,547**, dated October 24, 1865.

To all whom it may concern:

Be it known that I, MARSHAL L. BABB, of Cape Elizabeth, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in the Mode of Constructing and Attaching Rowlocks or Thole-Pins to Boats and Vessels; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

The nature of my invention consists in so constructing the rowlock or thole-pin and the cylinder in which it is inserted in the thwart of the boat or vessel that the rowlock or thole-pin may be inserted and removed without trouble, and yet be firmly fixed.

The rowlock or thole-pin may be constructed in any of the usual forms; and my improve-

ment consists in constructing the spindle *c d*, of any suitable metal, with an enlarged or bulbous head, *d*, and having one or more slits or slots, *e*, in the same longitudinally to a distance sufficient to give the requisite spring. The spindle *c d* plays in the cylinder *b*, which is made shorter than the spindle by the length of the bulbous head *d*. The spindle *c d*, when it has passed through the cylinder *b*, expands by force of the spring caused by the slit or slots *e* into the open chamber *e*, and is thus secured in place.

What I claim as my improvement is—

The slotted and bulbous headed spindle *c d*, in combination with the cylinder *b*.

MARSHAL L. BABB.

Witnesses:

GEO. E. B. JACKSON,

THOMAS AMORY DEBLOIS.