

GUILD & PIERCE
Improved
DAUT RING.

108353

PATENTED OCT 18 1870

Fig. 1.

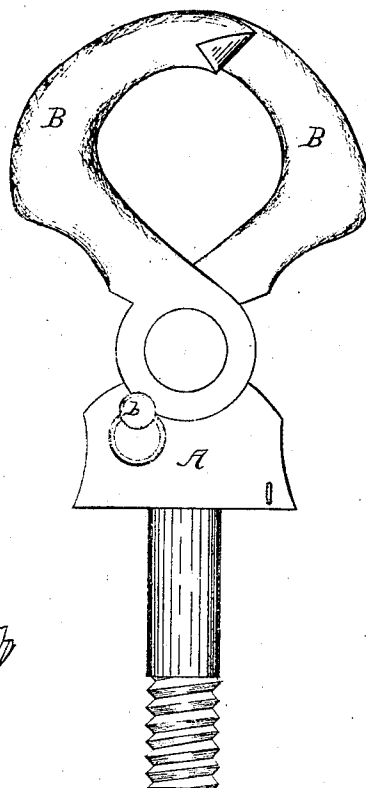
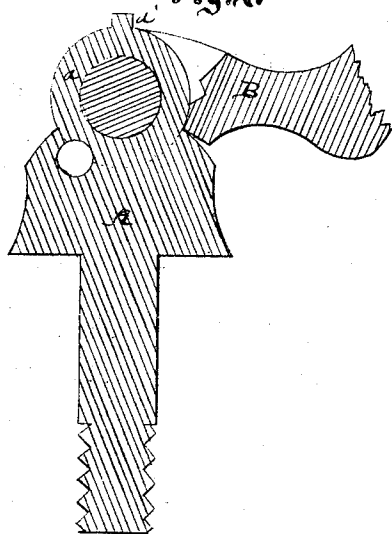


Fig. 2.



Witnesses:

T. H. Pison
A. Moore

Inventor

Augustus Guild & Mrs. S. Pierce by
H. W. Beale atty.

United States Patent Office.

AUGUSTUS GUILD AND WILLIAM H. PIERCE, OF MIDDLETOWN, CONNECTICUT.

Letters Patent No. 108,353, dated October 18, 1870.

IMPROVEMENT IN SELF-RELEASING DAVIT-RINGS.

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

To all whom it may concern:

Be it known that we, AUGUSTUS GUILD and WILLIAM H. PIERCE, both of Middletown, in the county of Middlesex and State of Connecticut, have invented a new and improved Self-releasing Davit-Ring; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

This invention relates to that class of davit-rings which is made in two hook-shaped parts, and so constructed as to open automatically when the boat touches the water, and consists in certain details of construction, which will be fully described hereinafter.

In the drawing—

Figure 1 represents a side elevation of my invention, and

Figure 2, a partial sectional view.

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

A represents the base of the ring, which is provided with a screw-pin or bolt-shank, for the purpose of securing it to the boat, and with a central ring, *a*, having a projection, *a'*, as is shown in fig. 2.

B B represent the two parts of the ring, which are

identical in construction. They are pivoted upon the sides of the central ring *a*, of the standard A, and are free to fall outward by their own weight, but their movement inward is limited by means of the projection *a'* of the ring *a*, which shuts against a shoulder of the parts when they are turned together, as is shown in fig. 2.

To provide for locking the parts B B, and preventing them from opening, a pin, *b*, is employed, which is thrust into a suitable orifice cut partially in the standard and partially into the lower portion of the parts B, as is indicated in the drawing. When the pin is in place, it will be perceived that it is impossible for the arms B B to turn outward.

The construction of the ring is simple, and it has no parts liable to get out of order.

Having thus fully described our invention,

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

The described ring, consisting of the base A, with ring *a*, having the projection *a'*, and parts B B, arranged as and for the purpose set forth.

AUGUSTUS GUILD.
WILLIAM H. PIERCE.

Witnesses:

S. A. ROBINSON,
HARRY WARNER.