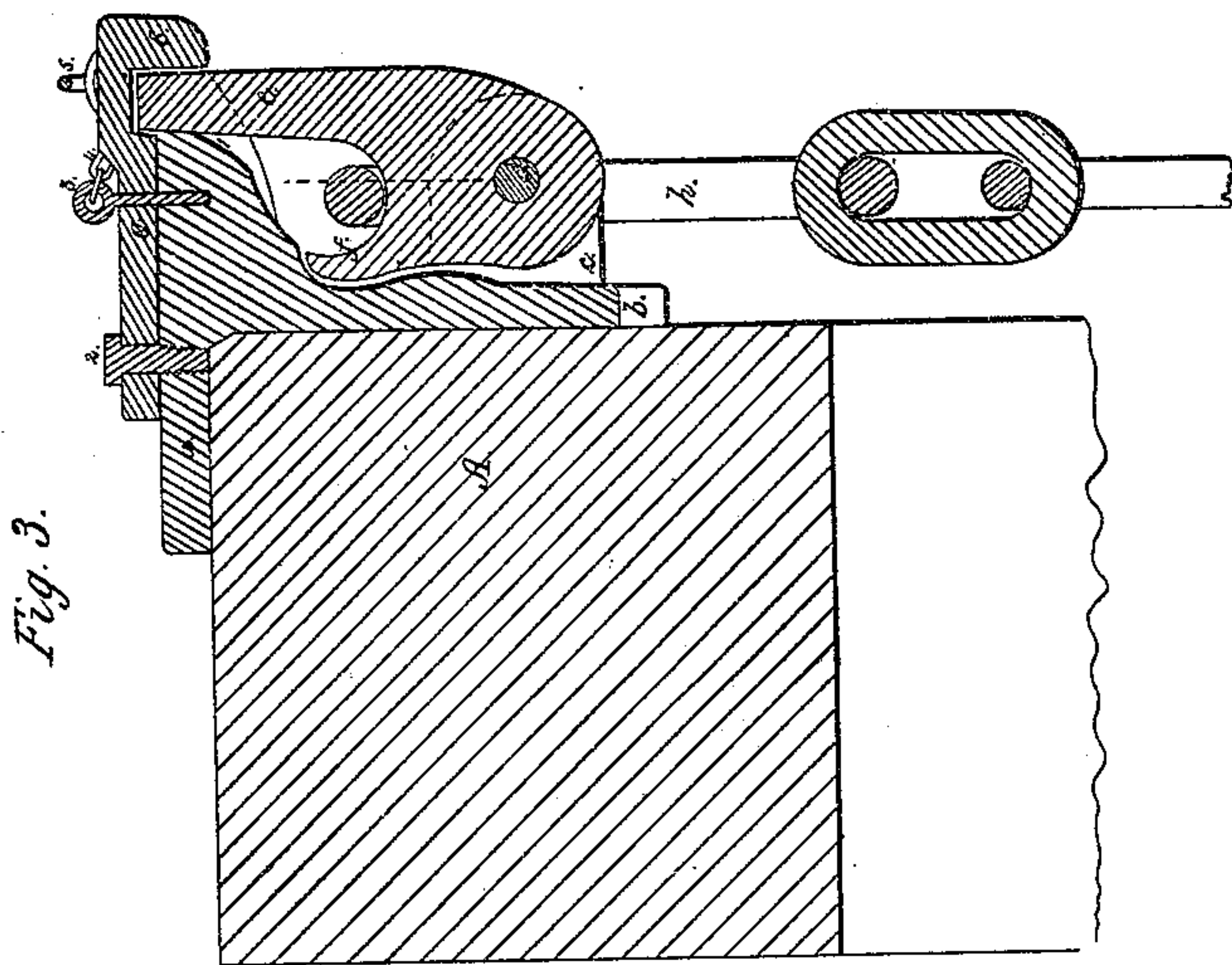
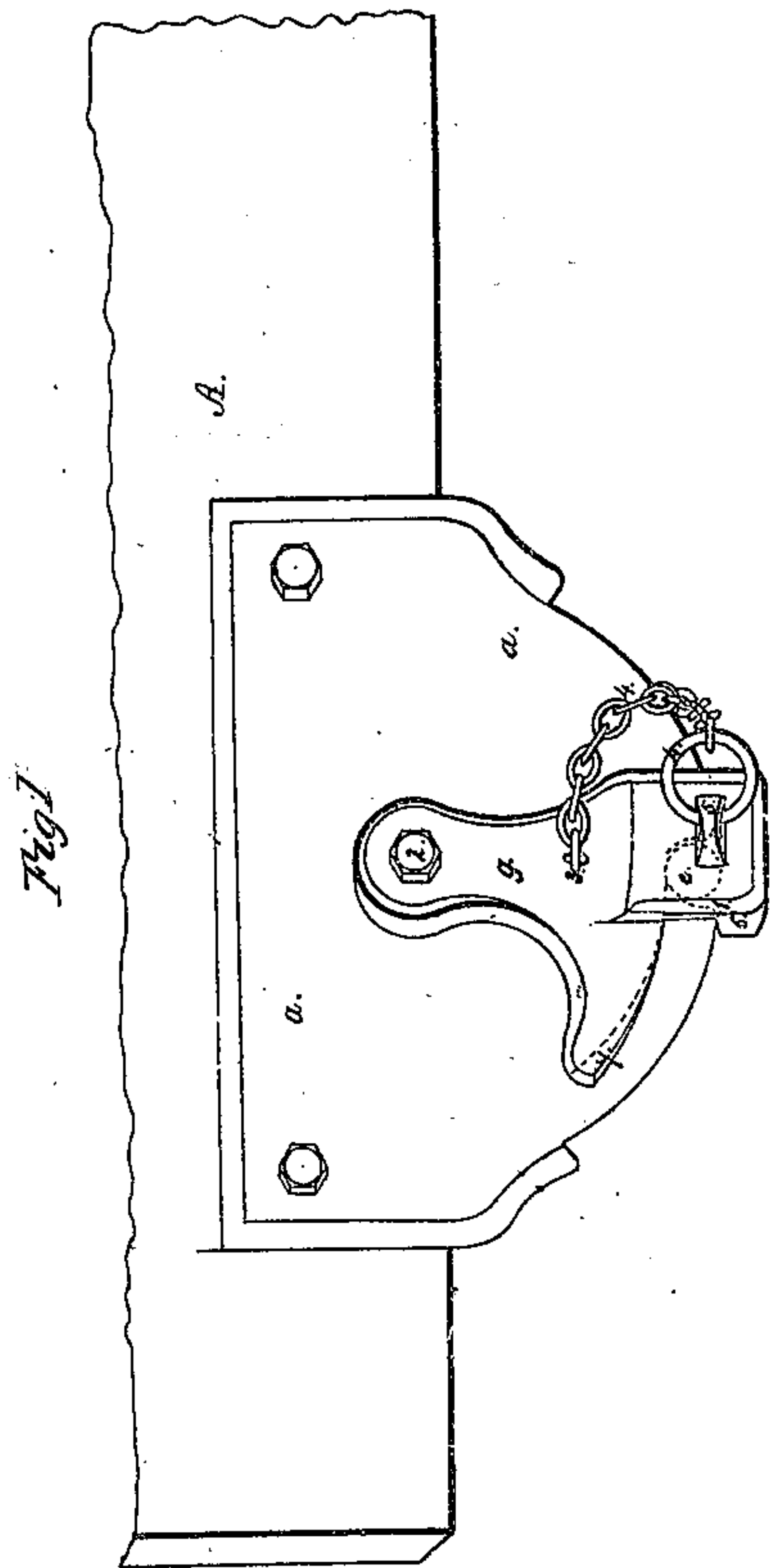
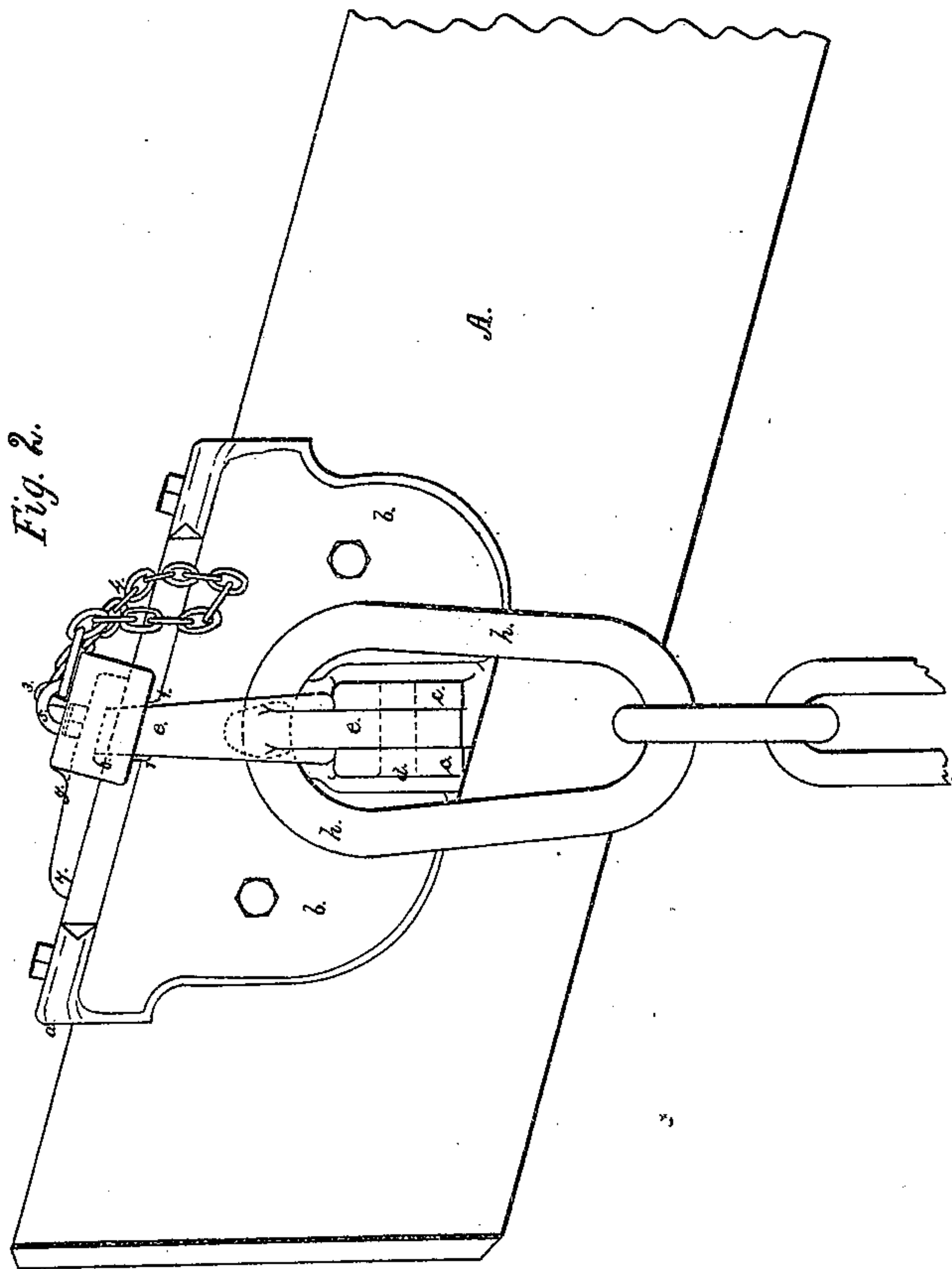


P. H. Jackson.
Anchor Tripper

N^o 13,847.

Patented Nov. 27, 1855.



Witnesses,
Lemuel H. Perrell
J. Lerat

Inventor,
Peter H. Jackson

UNITED STATES PATENT OFFICE.

PETER H. JACKSON, OF NEW YORK, N. Y.

CAT-HEAD ANCHOR-STOPPERS.

Specification of Letters Patent No. 13,847, dated November 27, 1855.

To all whom it may concern:

Be it known that I, PETER H. JACKSON, of the city, county, and State of New York, have invented, made, and applied to use a new and useful Improvement in Means for Dropping Anchors, Ropes, &c.; 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 drawing, making part of this specification, wherein—

Figure 1, is a plan of my improvements and Fig. 2 is a side elevation of the same, and Fig. 3, is a vertical cross section at the center of the apparatus.

Similar marks of reference indicate the same parts.

The nature of my said invention consists in so arranging and applying a hasp or bolt in connection with a locking piece, that when said hasp is turned into place and the locking piece turned so as to secure said hasp, the rope chain or ring is firmly retained, but when said locking piece is turned aside from off the end of said hasp the same is thrown off in such a manner as to disengage the said rope or chain.

My improvements are specially adapted to use on the cat heads of vessels for the purpose of sustaining and dropping the anchor, but it will also be evident that the same means might be made use of to drop the ropes or tow lines of canal boats and for similar purposes.

In the annexed drawing A, represents a portion of the cat head or other timber to which the "stopper" is attached. *a*, is a flanch on one side of said timber and *b*, the flanch or plate at right angles to and formed with said flanch *a*, both of which flanches are to be secured to the timber A, by suitable bolts.

c, c, are lugs on the flanch *b*, receiving a pin *d*, that carries the hasp *e*, and on which pin *d*, the hasp *e*, can be turned up into a notch 1, on the edge of the projecting flanch *a*, to retain the ring or link *h*, or dropped down so as to disconnect said link *h*, and the parts secured by or attached to the same.

g is a locking piece attached by the center bolt 2, to the flanch *a*, and the edge of said

flanch *a*, is made as an arc of a circle from the center of said bolt 2, so that the locking piece *g*, with its overhanging end or lock 6 can be turned around to retain the upper end of the hasp *e*, in the notch 1, by means of the lock 6, or throw the said hasp out of the notch 1, by the cam piece 7, of the locking piece *g*.

3 is a pin which when entered through the locking piece *g* and into the flanch *a*, secures said locking piece in its proper place to retain the end of the hasp *e*. This pin 3, is attached by a chain 4 to the eye 5, and can be used for drawing the locking piece around when required.

On reference to Fig. 3, it will be seen that the ring *h*, sets into a fork *f* of the hasp *e*, within the vertical line from the center of the pin *d*, and therefore the weight or force on the ring or link *h*, tends to keep the end of the hasp *e*, into the notch 1, without the use of the locking piece *g*, therefore, there is no strain on said locking piece; but when the same is drawn aside to clear the lock 6, from the end of the hasp *e*, the cam piece 7 takes the end of the hasp *e*, removing the same sufficiently out of the notch 1, to throw the link *h*, on the outside of the vertical line above the pin *d*, when the weight attached to said link causes the hasp *e*, to turn down till the link slides off said hasp.

I do not claim the hasp *e*, in itself neither do I claim retaining the upper end thereof by means of a hook or locking piece, but

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

The construction of the locking piece *g*, with its cam 7 combined with the hasp *e*, so that said cam piece 7, forces the hasp *e*, out of the notch 1, as said locking piece *g* is turned to one side, and causes the ring or loop over the hasp *e*, to be thrown off or disconnected as specified.

In witness whereof I have hereunto set my signature this third day of November 1855.

PETER H. JACKSON.

Witnesses:

LEMUEL W. SERRELL,
H. SERRAT.