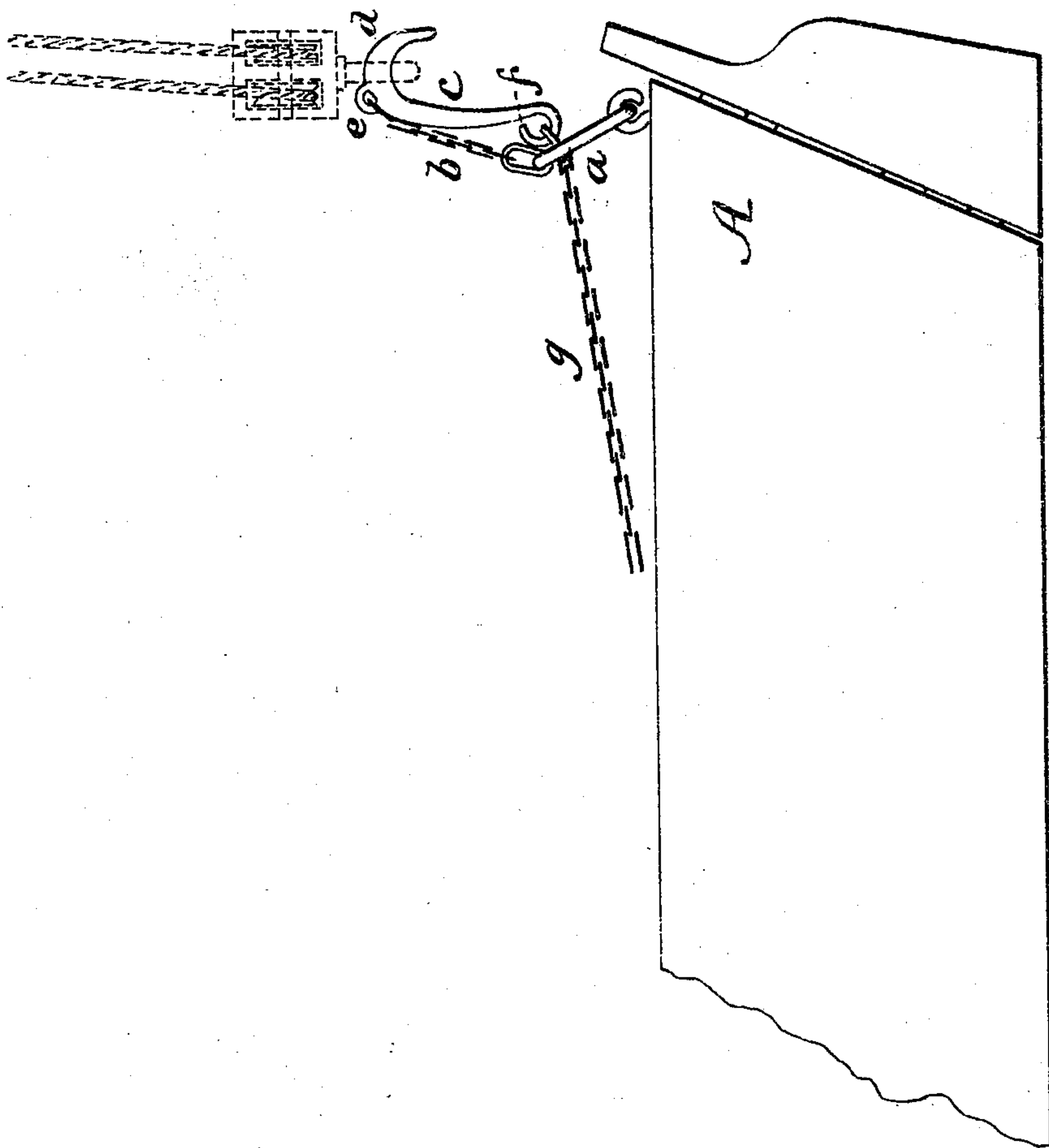


*S. Brown.*

*Boat Detaching.*

*N<sup>o</sup> 61,312.*

*Patented Jan. 22, 1867.*



*Witnesses*

*Fancy Shelly*

*Chas. B. Fessenden.*

*Inventor.*

*Samuel Brown.*  
*By atty.*

*A. B. Stoughton.*

# United States Patent Office.

SAMUEL BROWN, OF NEW YORK, N. Y., ASSIGNOR TO THE BROWN AND  
LEVEL LIFE-SAVING TACKLE COMPANY, OF SAME PLACE.

*Letters Patent No. 61,312, dated January 22, 1867.*

## IMPROVED BOAT-DETACHING TACKLE.

*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, SAMUEL BROWN, of the city, county, and State of New York, have invented certain new and useful improvements in Apparatus for Detaching Boats; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a side view of a portion of the stern of a life or other boat, with the apparatus applied thereto, and as suspended to the davit-block at that end—it being understood that the same apparatus, or other that will accomplish the same purpose, is used at the bow of the boat.

This invention relates to a flexible detaching apparatus, as contradistinguished from those wherein hinged portions are used, and rigid rods or levers combined to trip or disconnect the parts.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A ring, *a*, is substantially secured to the end of the boat *A*, to which is linked by a short chain, *b*, an ordinary hook, *c*, with the single exception that it has an eye, *e*, wrought upon it on the outside of its bent portion, *d*. The shank of the hook *c* terminates in an eye, *f*, to which a chain or line, *g*, is attached, which passes through the ring *a*, and then extends to a small shaft, drum, windlass, or lever in any convenient part of the boat, and to which shaft, drum, lever, or other device the chain or line from the forward detaching apparatus may also be connected. When the hook is placed into the eye of the davit-block, (as shown in red lines,) and the chain or line *g* tightly drawn up, the apparatus will be in the position shown in the drawing, and hold the boat suspended to the davits. When the boat is to be detached, the chains *g* are slacked or let run, and the hook reverses itself and flies out of the eye of the davit-block and is completely detached from it, leaving the boat free. By this construction of flexible detaching apparatus no pivoted pins or swinging levers of any kind are used. The part *b*, instead of being entirely of links, may be a rod with links at its ends, which may be said to be a chain with long and short links.

Having thus fully described my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

A boat-connecting apparatus composed of the ring *a*, hook *c*, and chain *b g*, and which is disconnected from the block by slacking the chain *g* in the boat to be launched, substantially in the manner and for the purpose described.

SAML. BROWN.

Witnesses:

EDWIN F. COREY, Jr.,

GEO. D. BULEN.