

W. A. PRATT.
Hank for Jibs, &c.

No. 134,164.

Patented Dec. 24, 1872.

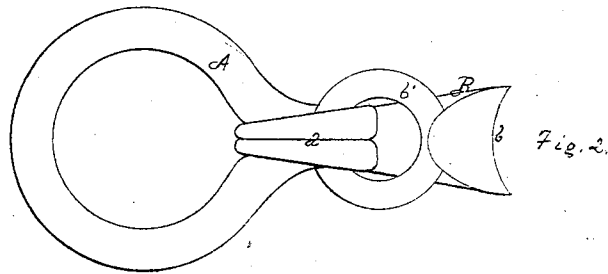


Fig. 2.

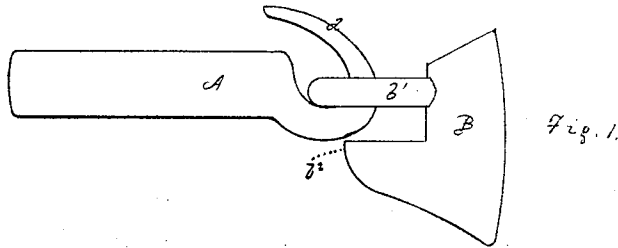


Fig. 1.

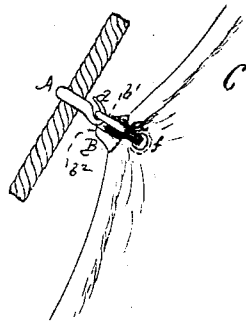


Fig. 3.

Witnesses.

A. M. Banning
G. F. Buckingham

Inventor.

Wm A. Pratt
By W. E. Simonds
Atty

UNITED STATES PATENT OFFICE.

WILLIAM A. PRATT, OF DEEP RIVER, CONNECTICUT.

IMPROVEMENT IN HANKS FOR JIBS, &c.

Specification forming part of Letters Patent No. 134,164, dated December 24, 1872.

To all whom it may concern:

Be it known that I, WILLIAM A. PRATT, of Deep River, in the county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Hanks for Jib and Stay Sails, of which the following is a specification, reference being had to the accompanying drawing, in which—

Figure 1 is a side view of the complete hank. Fig. 2 is a top view of the same. Fig. 3 is a view of the hank applied to a jib and stay.

The common hank consists of two metal rings, one larger than the other, united together, the larger running on the stay-rope, and the smaller fastened to the edge of the sail by marline or seizing running through the smaller ring, and a hole near the edge of the sail called a grommet. When the sail is taken off the stay or "unbent," as the sailors call it, the marline has to be cut, thus rendering it useless. When the sail is again "bent" to the stay the hanks have all to be lashed on again, at a considerable expense of the marline and of time.

By means of my invention the sail can be "bent" and "unbent" in a short time, and without cutting the marline.

The letter A indicates a metal ring, which slides on the stay-rope, having the hook *a*, the whole of which I denominate a hooked ring.

The letter B indicates a piece of metal having the concave seat *b*, so as to partially embrace the luff-rope at the edge of the sail, the ring *b*¹, into which takes the hook *a*, and also the tongue *b*², which prevents the hook from slipping out of the ring by accident, the whole of which I denominate the hank-base. This hank-base is fastened to the sail C by a lashing, *d*, called marline or seizing, running around the hank-base through the ring *b*¹ and the grommet *f*.

When the sail is to be unbent the hooks *a* are slipped out of the rings *b*¹, and when the sail is to be bent the hooks are slipped in again. The tongue *b*² prevents the hook from coming out until the ring A is turned up at an angle which it cannot attain except by the aid of a person's hand.

I claim as my invention—

1. The hank-base, provided with the ring *b*¹ and the underlying tongue *b*², constructed substantially as described.

2. The combination of the hank-base, provided with such ring and tongue, with the hooked ring A, the whole arranged substantially as described.

WILLIAM A. PRATT.

Witnesses:

A. H. BANNING,
G. F. BUCKINGHAM.