

C. W. CLEMENTS.

Jib-Hanks.

No. 163,577.

Patented May 25, 1875.

Fig. 1.

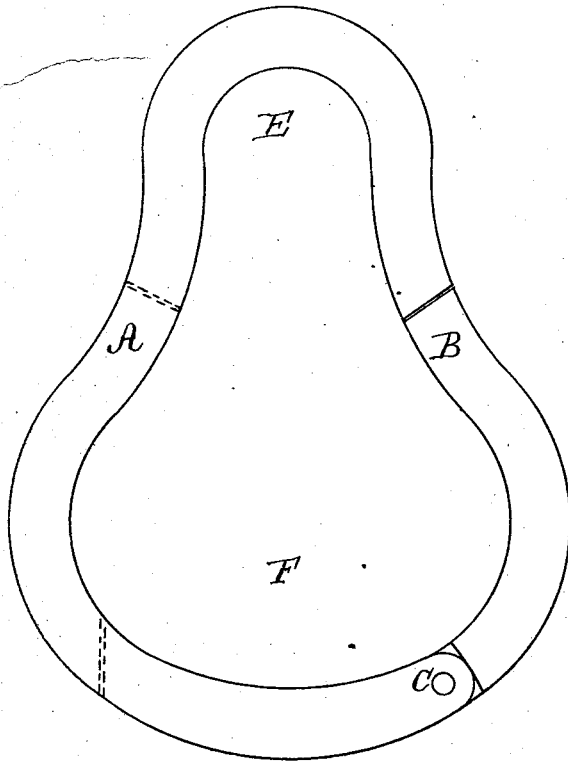
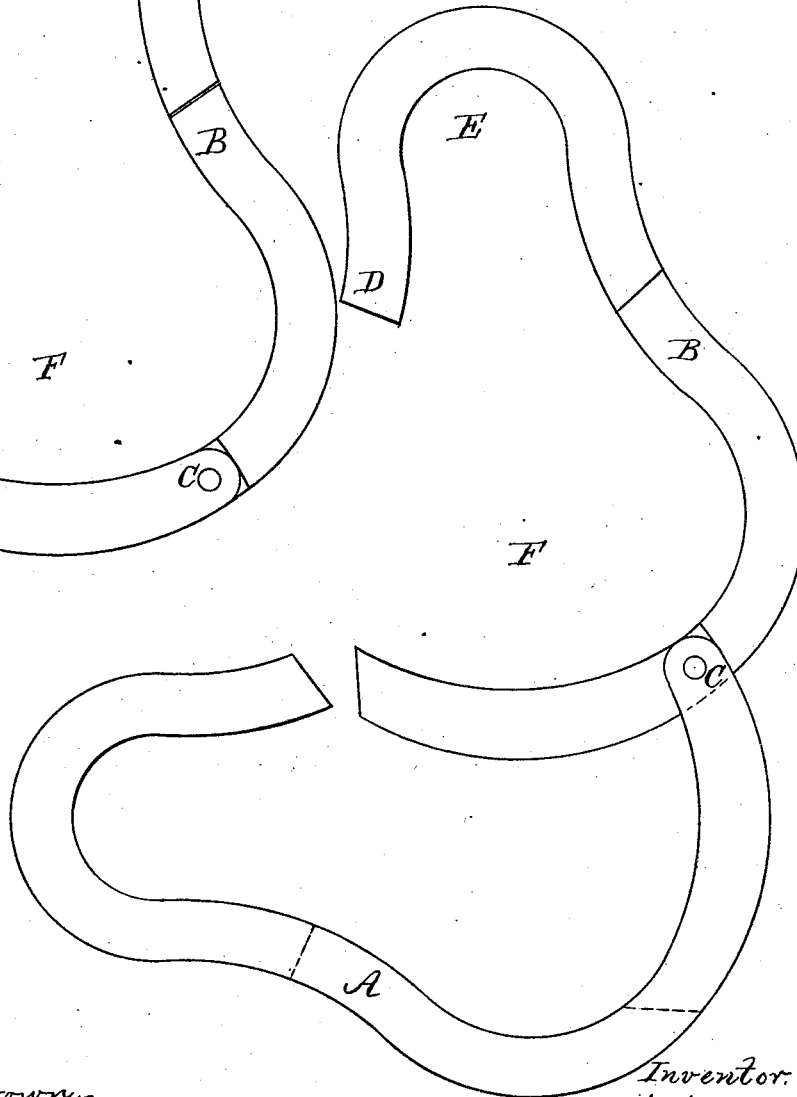


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN JIB-HANKS.

Specification forming part of Letters Patent No. **163,577**, dated May 25, 1875; application filed March 29, 1875.

To all whom it may concern:

Be it known that I, CHARLES WILLIAM CLEMENTS, of Yarmouth, in the county of Yarmouth, Province of Nova Scotia and Dominion of Canada, have invented a Clip Jib-Hank; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

It has been customary, in bending sails on vessels, and especially those which are held in place by stays, to bend around the stays, wooden hoops, or hanks, which are fastened to the sails by means of rope-yarn, or other suitable material.

The object of my invention is to do away with all of this trouble, as with my hank it is impossible for the sail to get loose, while it is the work of but a few moments to bend or unbend the jib or stay-sails on a vessel. It is made of two pieces, hinged or jointed together, and with tongues and grooves, which allow the two pieces to unite and form, to all intents and purposes, one solid piece.

In the drawings which accompany and form a part of this specification, Figure 1 represents my invention as closed and when in use. Fig. 2 represents it as open, for the purpose of bending or unbending the sail.

A B represent the two main pieces of which the hank is formed, and C the pin which forms the hinge.

In applying my invention, the hank is opened, as shown in Fig. 2, passed round the stay. The point D of the piece B is then

passed through the ring in the sail back of the bolt-rope. The ring is then forced along the piece B far enough to allow the piece A to be closed, when it is moved back until the bolt-rope is in loop E, the stay remaining in the loop F.

Thus it can be seen how readily a sail may be bent or unbent by the application of my invention.

I do not claim the hinge, broadly, as I am aware that it is old; but in all other hanks of which I am cognizant there is some means of fastening the several parts together after they are closed, while mine consists of but three pieces, A, B, and C. The pieces A and B are tongued and grooved together in the larger loop, and held by the pin C, in such a manner that when in position they form as one solid piece; and the ends, forming the smaller loop, are made as sister-hooks, and extended so far around that it is impossible for them to come apart or separate until the sail is forced back upon the piece A, as before described.

I claim—

The within-described clip jib-hank, when composed of the two parts A B pivoted at C, the part B having a tongue extending beyond the pivot C and into a corresponding groove in the part A, and both parts, where they form the smaller loop, formed as sister-hooks, substantially as and for the purpose herein set forth.

CHARLES WILLIAM CLEMENTS.

Witnesses:

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