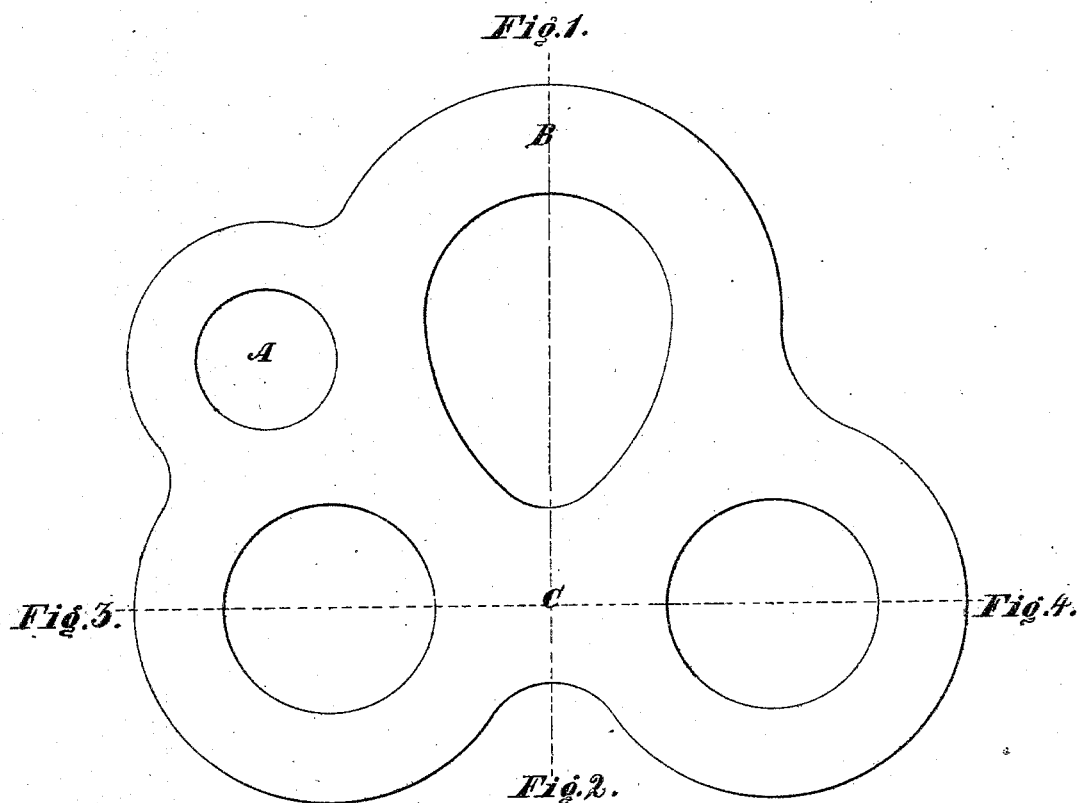


GEORGE H. CREED.

Improvement in Spectacle-Clews for Sails of Vessels.

No. 115,826.

Patented June 13, 1871.



Witnesses.

A. J. Raymond,  
William A. Hinman

Inventor.

George H. Creed.

## UNITED STATES PATENT OFFICE.

GEORGE H. CREED, OF NEW YORK, N. Y.

## IMPROVEMENT IN SPECTACLE-CLEWS FOR SAILS OF VESSELS.

Specification forming part of Letters Patent No. 115,826, dated June 13, 1871.

I, GEORGE H. CREED, of New York, county and State of New York, have invented certain Improvements in Ships' Spectacle-Clews, of which the following is a specification:

First, the improvement is in the attachment of the ring A embodied in the clew, which not only adds to the strength, but also adds greatly to its utility, this ring being placed on the leech or outward side of the sail, so that clew-garnets, jiggers, or braids may be hooked in the same, so that when the sails are hauled up a steady direct strain will come upon the sheets and keep the foot-ropes (the most essential part of any sail) from breaking at the end of the splice. Second, by using the ring A more room is left for the main ring B, which prevents the sheets and clew-garnets from jamming and chafing at the expense of said

sheets and garnets, consequently breakage, and frequently loss of life.

This clew is especially adapted for top-sails, top-gallant sails, and fore-and-aft sails for vessels of any class.

Having thus fully described my invention, what I claim is—

The improved clew herein shown and described, the same consisting of the combination with a spectacle-clew of the additional ring or eye A, whereby the clew-garnet may be readily attached and held without jamming or chafing, as set forth.

GEORGE H. CREED.

Witnesses:

WILLIAM A. HINMAN,  
F. J. RAYMOND.