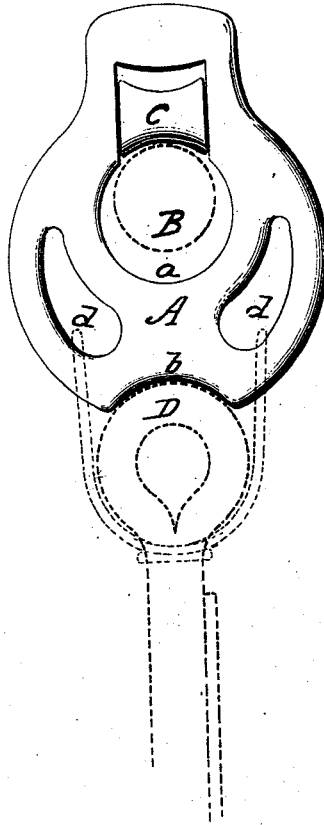


S. R. BROOKS.  
Clew-Line Leaders.

No. 204,290.

Patented May 28, 1878.



Witnesses.  
*J. H. Chumney*  
*Clara Broughton.*

*Sidney R. Brooks*  
By Atty. Inventor.  
*John S. Carl.*

# UNITED STATES PATENT OFFICE.

SIDNEY R. BROOKS, OF EAST MARION, NEW YORK.

## IMPROVEMENT IN CLEW-LINE LEADERS.

Specification forming part of Letters Patent No. **204,290**, dated May 28, 1878; application filed February 7, 1878.

*To all whom it may concern:*

Be it known that I, SIDNEY R. BROOKS, of East Marion, in the county of Suffolk and State of New York, have invented a new Improvement in Clew-Line Leaders; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent the leader as applied.

This invention relates to an improvement in what are termed "clew-line leaders"—that is to say, the attachment or device for attaching the sail to the clew-line; the object being to make a simple device which will run freely over the line.

It consists in a plate or body perforated to encircle the clew-line, and with an anti-friction roll on the bearing side of the said perforation to run upon the clew-line, the body recessed at the end opposite the anti-friction roll to fit onto the edge of the sail and constructed with an opening at each side, by means of which the leader may be made fast to the sail, as more fully hereinafter described.

A represents the body of the leader, which is constructed with a perforation, *a*, somewhat larger than the clew-line B, and so as to pass freely over the line.

On the bearing side of the leader an anti-friction roll, C, is arranged to ride upon the line B, as indicated, and thus avoid the friction which would be occasioned by sliding upon the line.

At the opposite end of the body a segmental-shaped recess, *b*, is formed, corresponding to the shape of the edge D of the sail. Through the body, at each side of this recess *b*, a perforation, *d*, is made. Through these perforations the lashings are passed, which secure the leader to the sail, as indicated in broken lines.

Thus constructed, the sail is arranged upon the clew-line in the usual manner, and this leader enables the freest possible movement of the sail in raising or lowering.

I claim—

As an article of manufacture, the herein-described clew-line leader, consisting of the body A, centrally perforated to inclose the clew-line, with an anti-friction roll upon the bearing side, and with a recess at the opposite end to form a seat upon the edge of the sail, and with a perforation at each side, substantially as and for the purpose set forth.

SIDNEY R. BROOKS.

Witnesses:

HENRY A. REEVES,  
JAS. TIMSON.