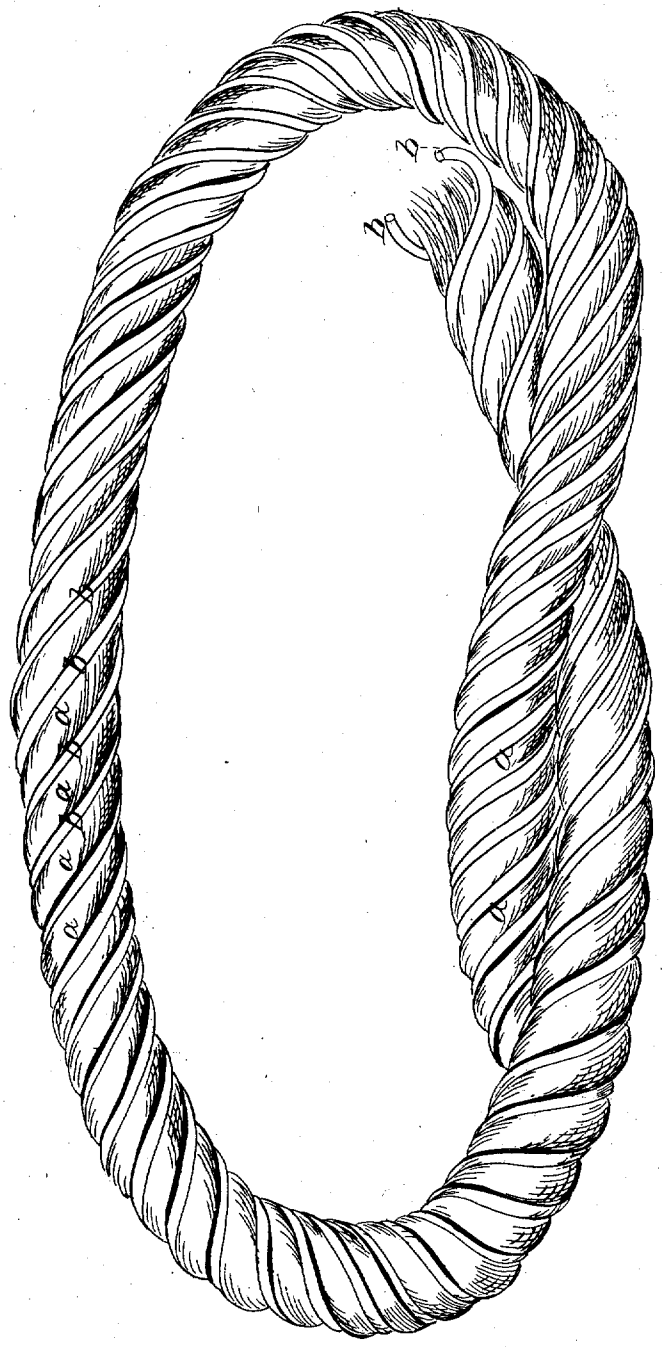
No Printed Specification Available

5806X

A. Bull,

Rope Machine.

No. Patented Jan. 30, 1830.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

X5806 Jan. 30 1830 142

Aaron Bull of Carlisle State of New York

Letters Patent.

The schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Aaron Bull himself of his improvement in making Tow-lines for towing Boats on canals & for other purposes ——

Be it known that I Aaron Bull of Carlisle, County of Tompkins & State of New York, have made an improvement or discovery in making tow lines, for towing boats on canals & for other purposes which is described as follows, —

I make the tow line of hemp or any other suitable material, with five or more strands, plies, or thickness, & in the usual way, I take brass, copper or iron wire, with or without gilding or covering, & lay it between the strands, plies, or thicknesses of the tow line, on the surface, so as to give strength & consistancy to the line, & prevent as much as possible all friction & wear

Invention Claimed, What I claim as my invention or discovery in the application of any metalic wire in making tow lines, for canal boats, & for other purposes, ——

For a further illustration of my invention or discovery I refer to the specimen of my tow-line & the drawing of the same, deposited in the Patent office of the United States

In testimony whereof I have subscribed my name at the City of Washington this 5th day of January 1830 —

Witnesses

William P. Elliot

Robert W. Fenwick

Aaron Bull.