

C. C. Comstock.

Raft-Dog.

N<sup>o</sup> 77961

Patented May 19, 1868.

Fig: 1.

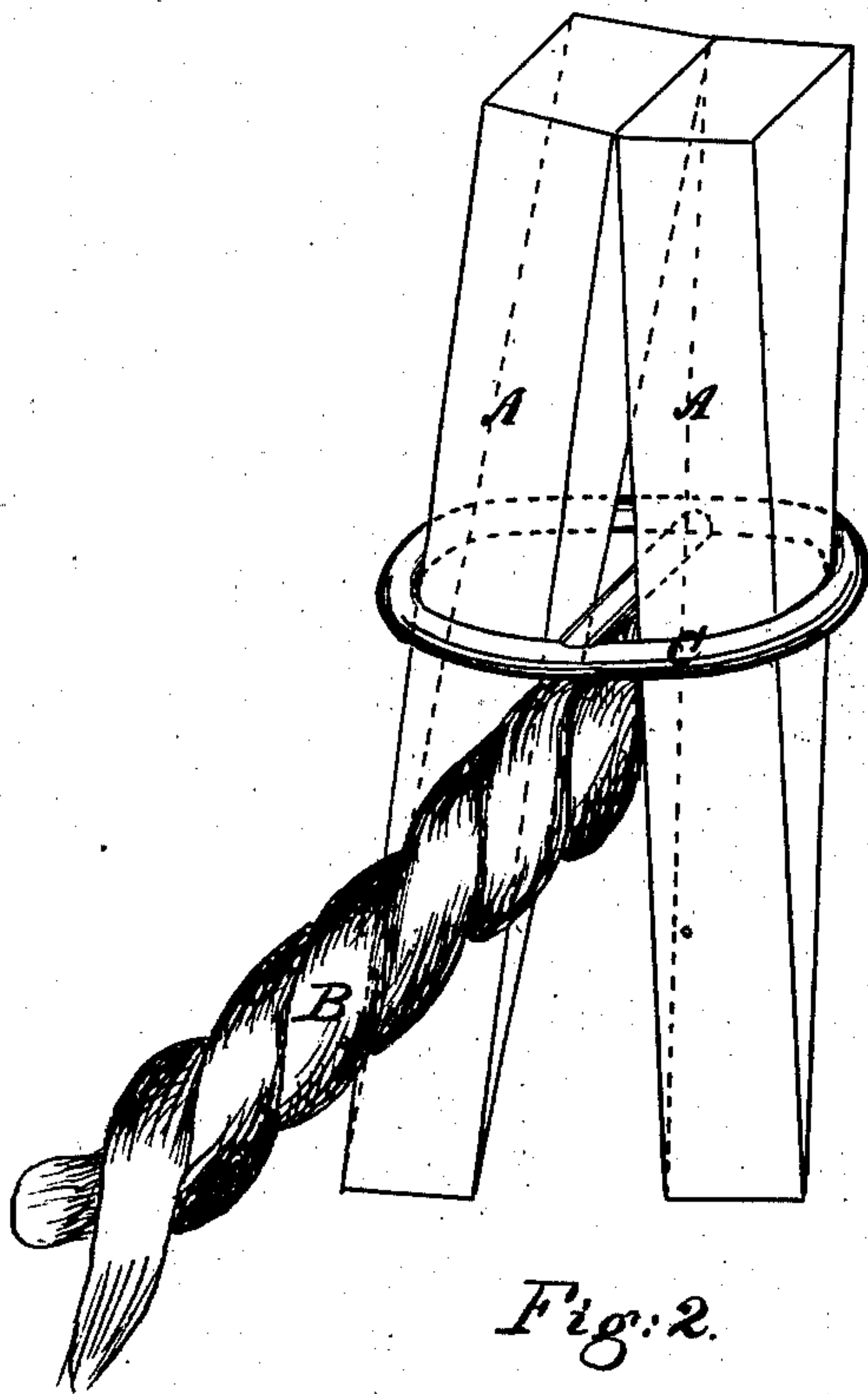
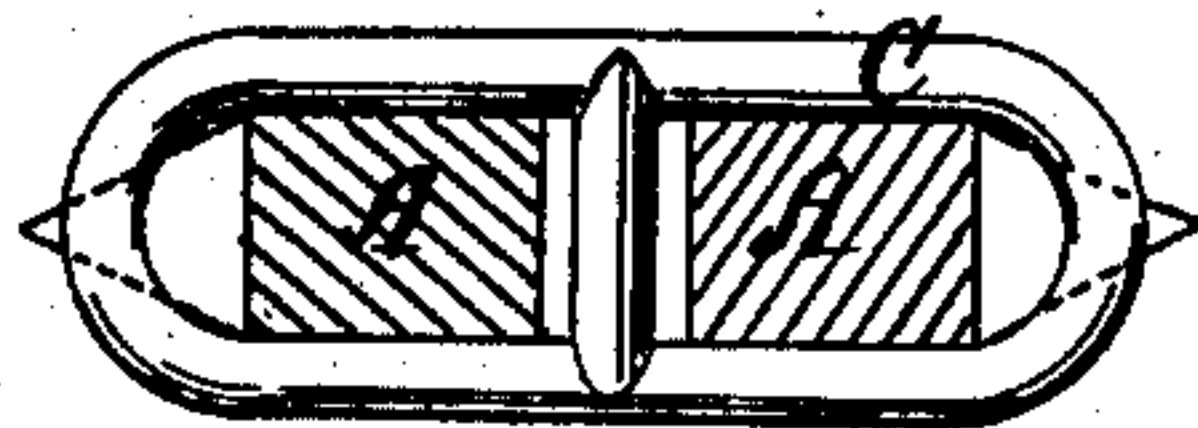


Fig: 2.



Witnesses

by A. Pettit  
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# United States Patent Office.

CHARLES C. COMSTOCK, OF GRAND RAPIDS, MICHIGAN.

*Letters Patent No. 77,961, dated May 19, 1868.*

## IMPROVEMENT IN RAFT-DOGS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES C. COMSTOCK, of Grand Rapids, in the county of Kent, and State of Michigan, have invented a new and improved Rafting-Dog; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my invention, and

Figure 2 a transverse section of the same, in the line *x x*, fig. 1.

The object of this invention is to provide a simple and cheap device for the purpose of attaching logs together to form a raft, and operating in such a manner, that with it the logs can be more expeditiously as well as securely fastened together than by the means now commonly employed.

In the drawings, A A are two wedges, B is the rope which is employed to connect the logs, and C is a link, which may have a central brace, *c*, or not, as preferred by the raftsmen.

The logs are arranged side by side, as usual in the construction of rafts, and the ropes extend along the raft from end to end, stretching transversely across the logs, one rope at each end, and one or more intermediate between the end-ropes. In this position the ropes are fastened firmly to the logs, by means of my improved device, in the following manner: The two wedges are placed side by side and inserted into the link. Their points are then spread apart, and they, held together by the link, are placed astride of the rope B, and in that position driven into the log, until the link presses so heavily upon the rope as to hold it securely to the log, and prevent its slipping or becoming disengaged by any accident. The relative position of the wedges, rope, and link, when operation upon a raft, as above described, is clearly shown in fig. 1.

The whole device is simple and cheap, and by means of it the logs of a raft can be connected together with the greatest ease, and much more rapidly than by the old method of attachment.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the two wedges A A, the link C, and the rope B, when employed together in the manner and for the purpose set forth.

The above specification of my invention signed by me, this 18th day of April, 1868.

CHARLES C. COMSTOCK.

Witnesses:

THOMPSON SINCLAIR,

A. B. TURNER.