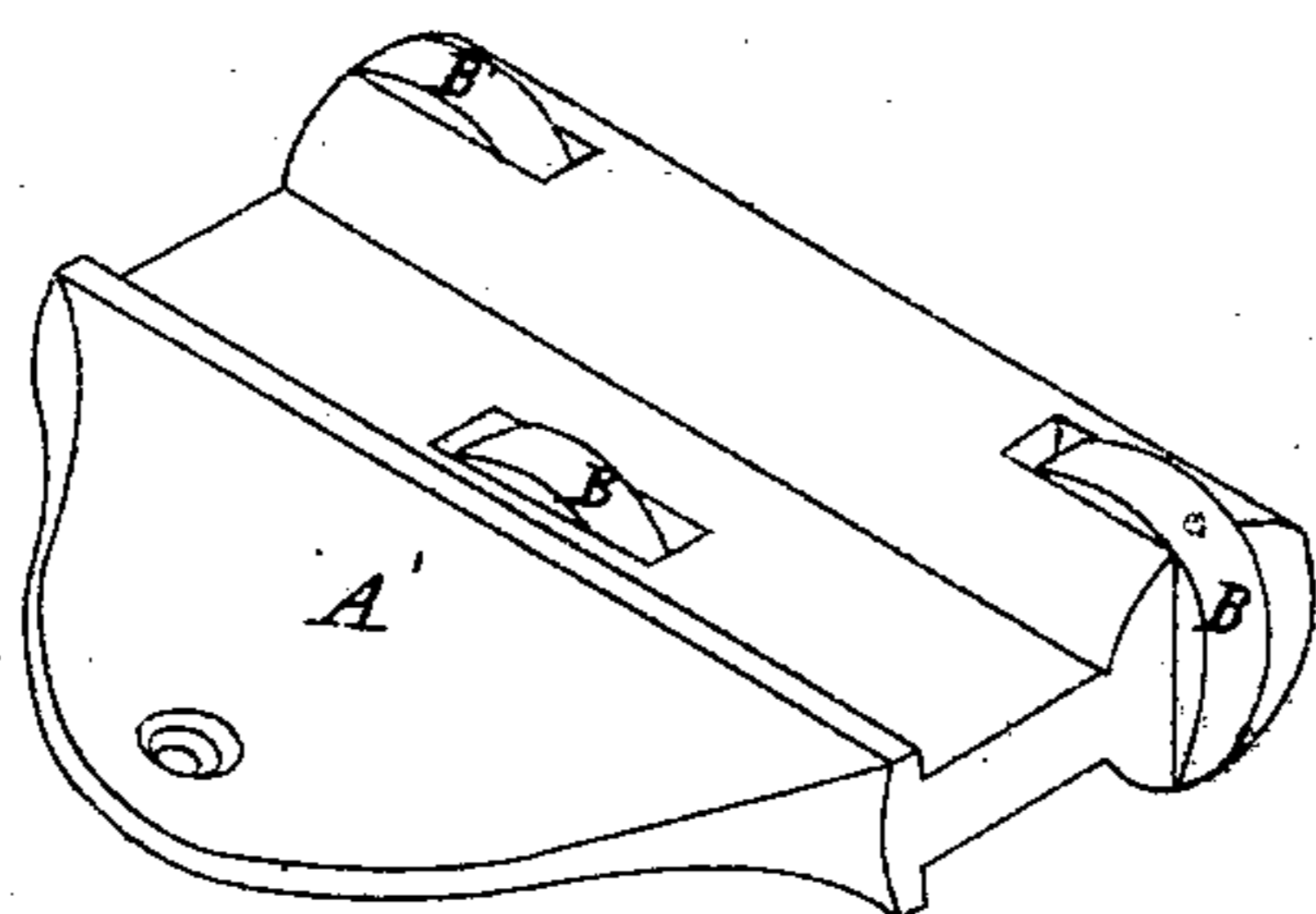
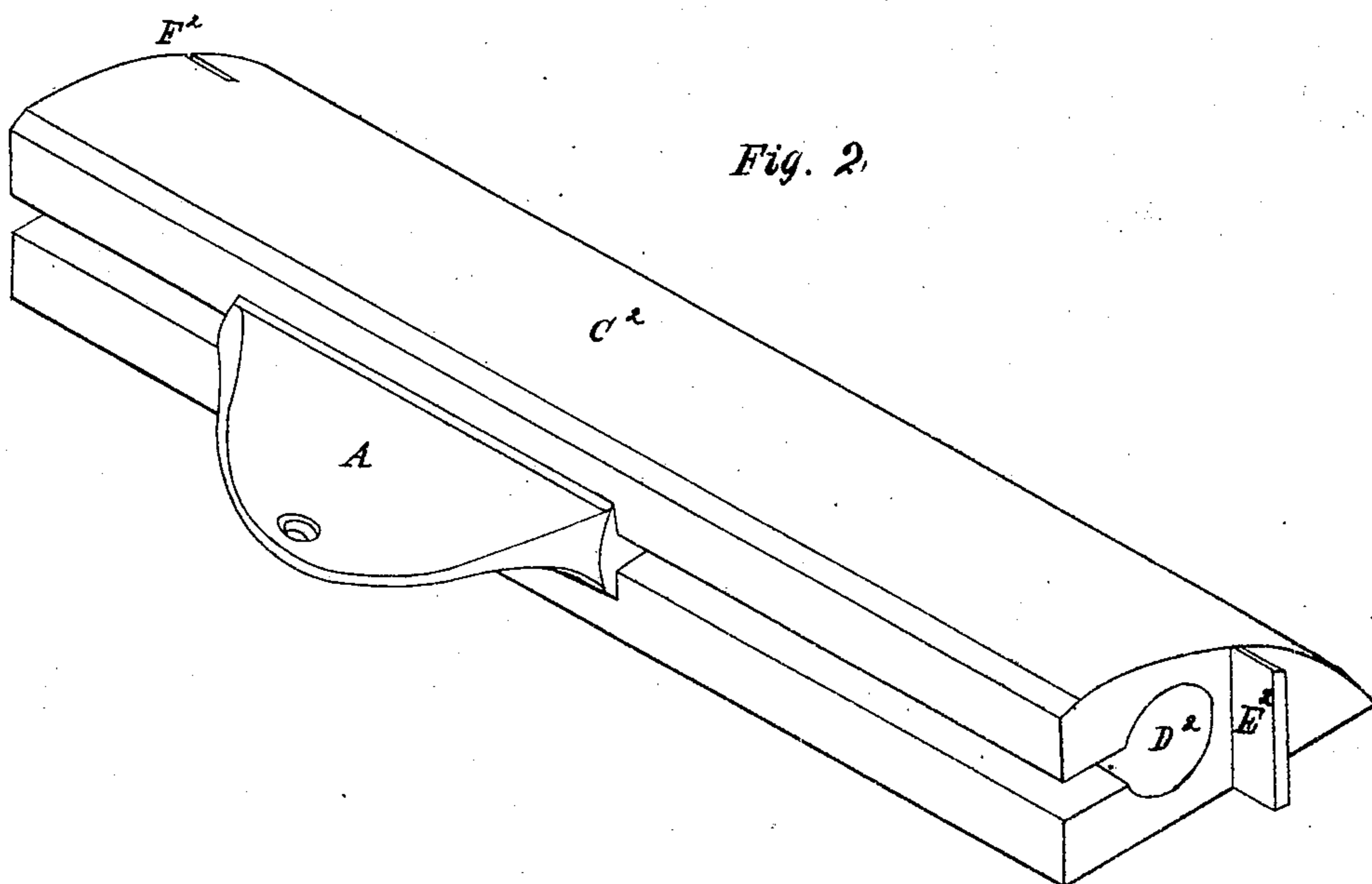


*G. Hart*  
*Traveller for Sails*  
*No 75012* *Patented March 3. 1868*

*Fig. 1.*



*Fig. 2.*



**Witnesses:**  
*Mr. Davis.*  
*Th. E. White.*

**Inventor:**  
*George Hart*

# United States Patent Office.

GEORGE HART, OF NEW BEDFORD, MASSACHUSETTS.

*Letters Patent No. 75,012, dated March 3, 1868.*

## IMPROVED TRAVELLER FOR FURLING SAILS:

*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, GEORGE HART, of New Bedford, in the county of Bristol, in the State of Massachusetts, have invented a new and improved Traveller, to be used in connection with Devices for Furling and Reefing Sails; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in the application of friction-rolls to travellers for hauling in and out the sails of vessels.

Figure 1 is a perspective view of a traveller with friction-rolls applied.

Figure 2 is a perspective view of a portion of a guide and traveller.

Fig. 1.  $A^1$  is the traveller;  $B^1 B^1 B^1$ , friction-rolls. Fig. 2.  $A^2$  is the traveller;  $C^2$ , section of guide;  $D^2$  is a grooved way in guide for the traveller to slide in;  $E^2$ , projection in end of section of guide to fit into a corresponding groove in end of another section;  $F^2$ , groove in the other end of section of guide for the reception of projection in another section. The sections forming the guide are constructed of metal, in the manner herein described, and are securely fastened to the upper side of the yard, forming a continuous grooved passage, in which the traveller plays freely, and without danger of jamming.

This invention is particularly applicable to "Wyatt's improved mode of furling and reefing sails," for which a patent was granted, the 18th day of June, 1867.

In this device I do not confine myself to any particular number of rolls, or to making the guide in sections; but

What I claim as my invention, and desire to secure by Letters Patent, is—

A traveller, with friction-rolls, running in a guide; for hauling in and out square sails, as herein set forth and described.

GEORGE HART.

Witnesses:

JNO. DAVIS,

TH. E. M. WHITE.