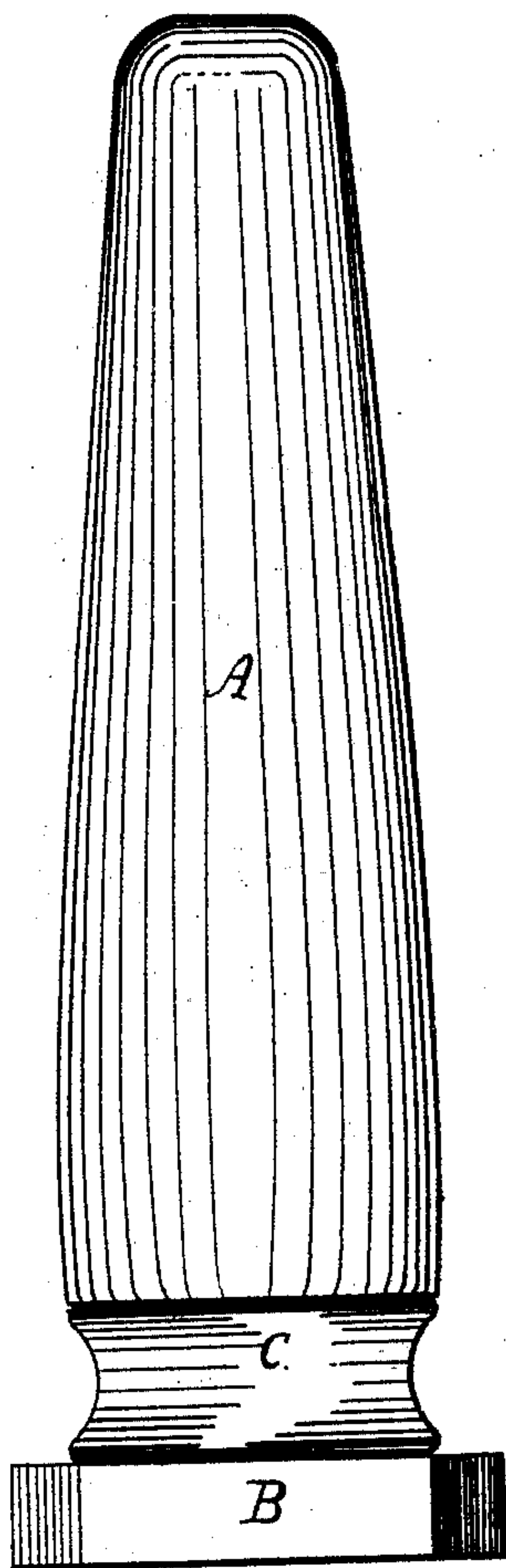
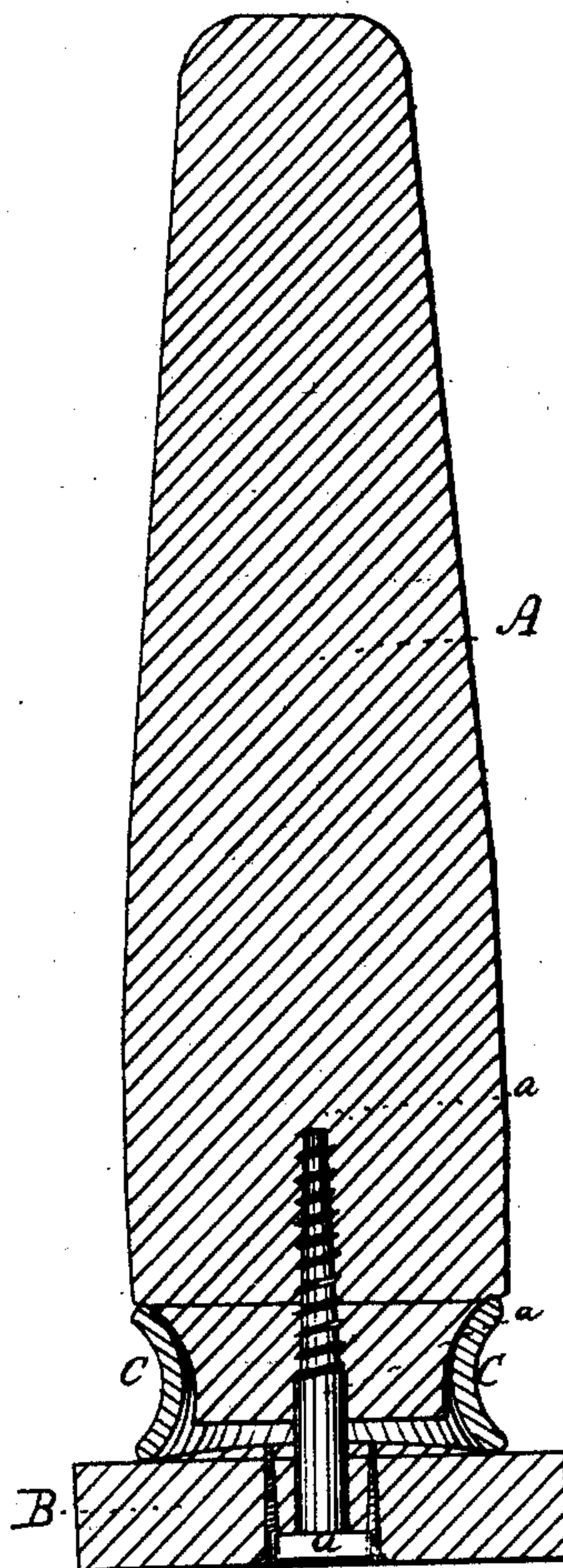


*S. H. Sugett Sheet 1, 2 Sheets.*  
*Ship Implement.*  
*N<sup>o</sup> 37,879. Patented Mar. 10, 1863.*

*Fig. 1.*



*Fig. 2.*

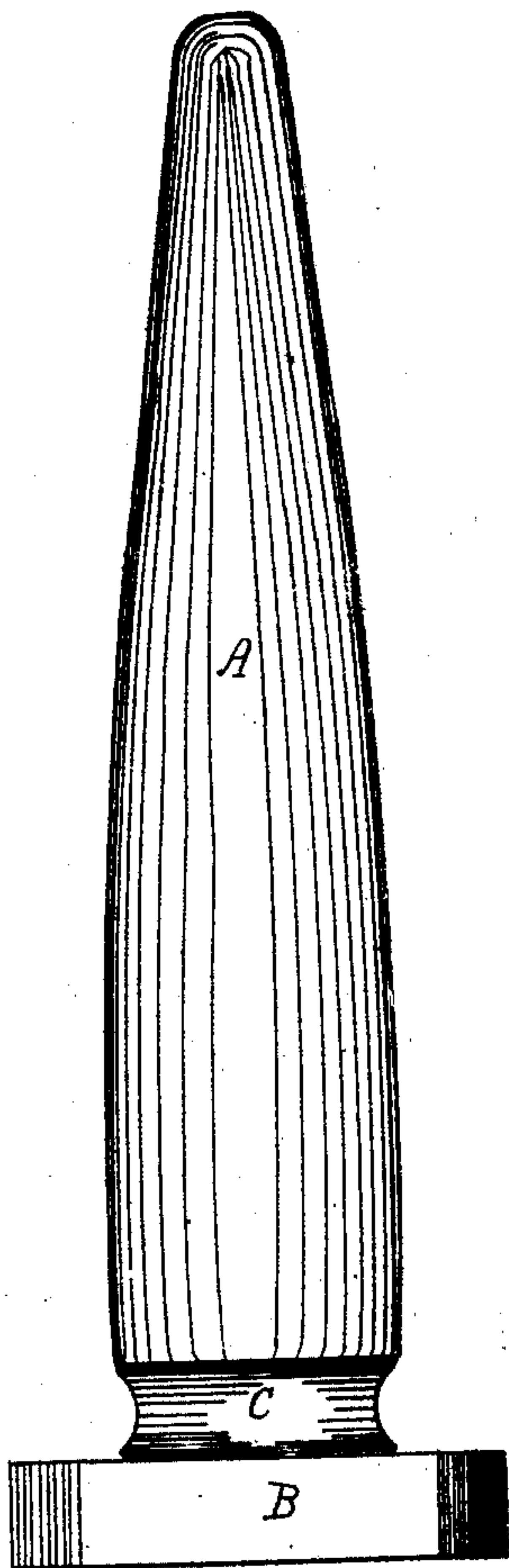


*Witnesses.*  
*J. W. Shurt.*  
*Glenn Fendrick.*

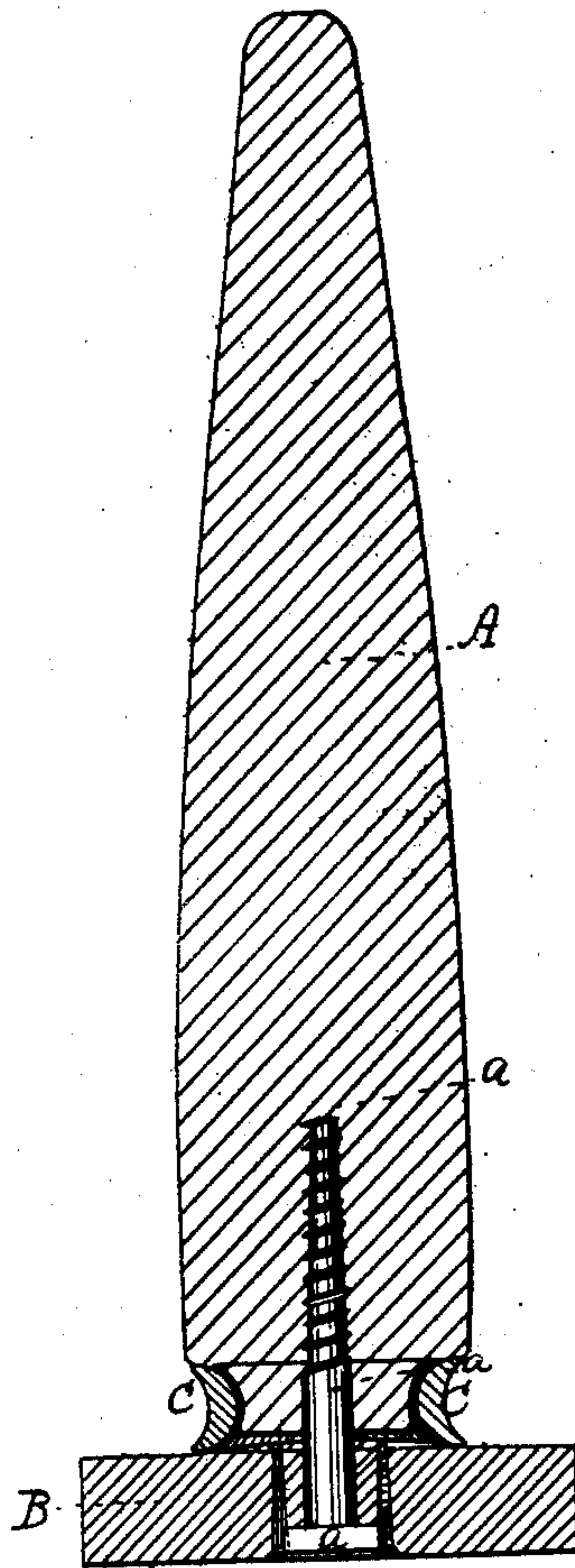
*Inventor*  
*Samuel H. Sugett*  
*By Atty. A. B. Stoughton*

*S. H. Sugett. Sheet 2, 2 Sheets.*  
*Ship Implement.*  
*N<sup>o</sup> 37,879. Patented Mar. 10, 1863.*

*Fig. 3.*



*Fig. 4.*



*Witnesses.*  
*J. W. Shugart.*  
*Geor. Hendrich.*

*Inventor*  
*Samuel H. Sugett,*  
*By Atty. A. B. Stoughton.*



# UNITED STATES PATENT OFFICE.

SAMUEL H. SUGETT, OF EDEN, MAINE.

## IMPROVED FID.

Specification forming part of Letters Patent No. **37,879**, dated March 10, 1863.

*To all whom it may concern:*

Be it known that I, SAMUEL H. SUGETT, of Eden, in the county of Hancock and State of Maine, have invented a new and useful improvement in fids for putting thimbles into cringles in ships' sails, awnings, and other similar things; and I do hereby declare the following to be a full, clear, and accurate description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents an elevation of the fid with the thimble in place on it preparatory to its being inserted in the cringle. Fig. 2 is a vertical central section through the same. Fig. 3 represents a similar elevation as in Fig. 1 of a fid of smaller size, and Fig. 4 a vertical section through it.

The method heretofore practiced in putting thimbles into cringles is very tedious, it being done by enlarging the cringle with the fid and then forcing in the thimble, when the fid is withdrawn, into the cringle. By my method the thimble is clamped on the fid, which is in sections, and the cringle is driven over the fid and onto the thimble, when the two parts of the fid are detached and removed, leaving the thimble tightly grasped in the cringle, thus not only expediting the operation, but making a much more secure attachment.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A is a fid, made of hard wood or metal, to which is connected, by a screw, *a*, or any other

attachable or detachable device, a base, B, which may be of wood or metal. The lower end of the fid A and the top of the base-piece B are shaped so as to receive and hold a thimble, C, between them, when they are screwed or otherwise fastened together. When the thimble is thus secured to the fid, the cringle is driven over the fid and down onto the thimble, and the two sections A B are then detached and removed, leaving the thimble firmly grasped or held in the cringle. One base, B, may answer for several sizes of fids, there being a fid for each sized thimble that is to be inserted. In some cases the fid and thimble may be driven into the cringle, instead of the cringle driven over the fid, but in both cases the thimble is put into the cringle before the fid is removed, which is precisely the reverse of the old plan of inserting thimbles.

The facility of my mode and its superiority in point of strength over the old plan is obvious at a glance.

Having thus fully described the nature and object of my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

A fid made in two pieces or sections, so as to hold a thimble between said sections while a cringle is being driven over or onto it and over or onto the thimble, and then capable of removal therefrom, substantially as described.

SAMUEL H. SUGETT.

Witnesses:

A. B. STOUGHTON,  
XAVIER: FENDRICH.