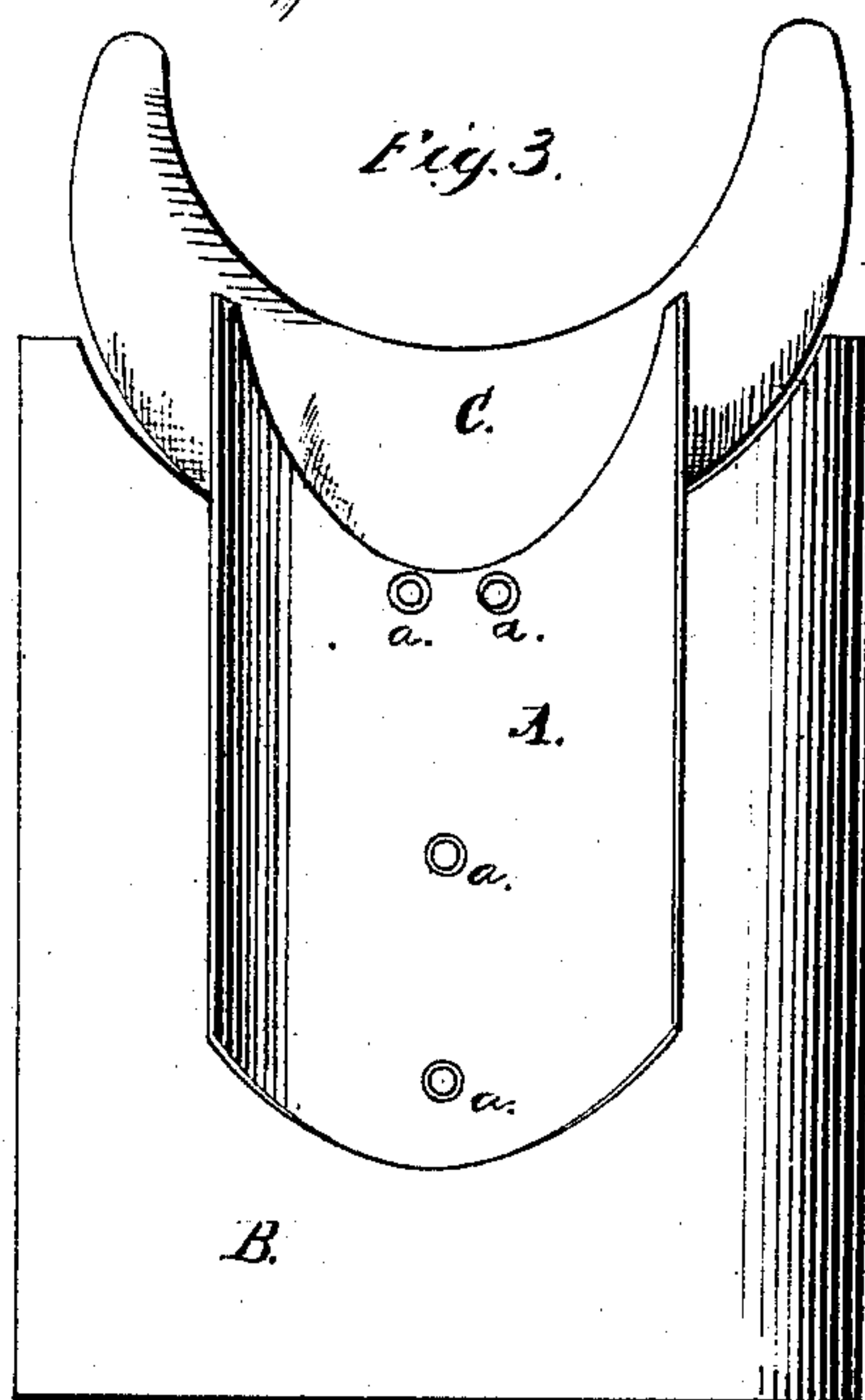
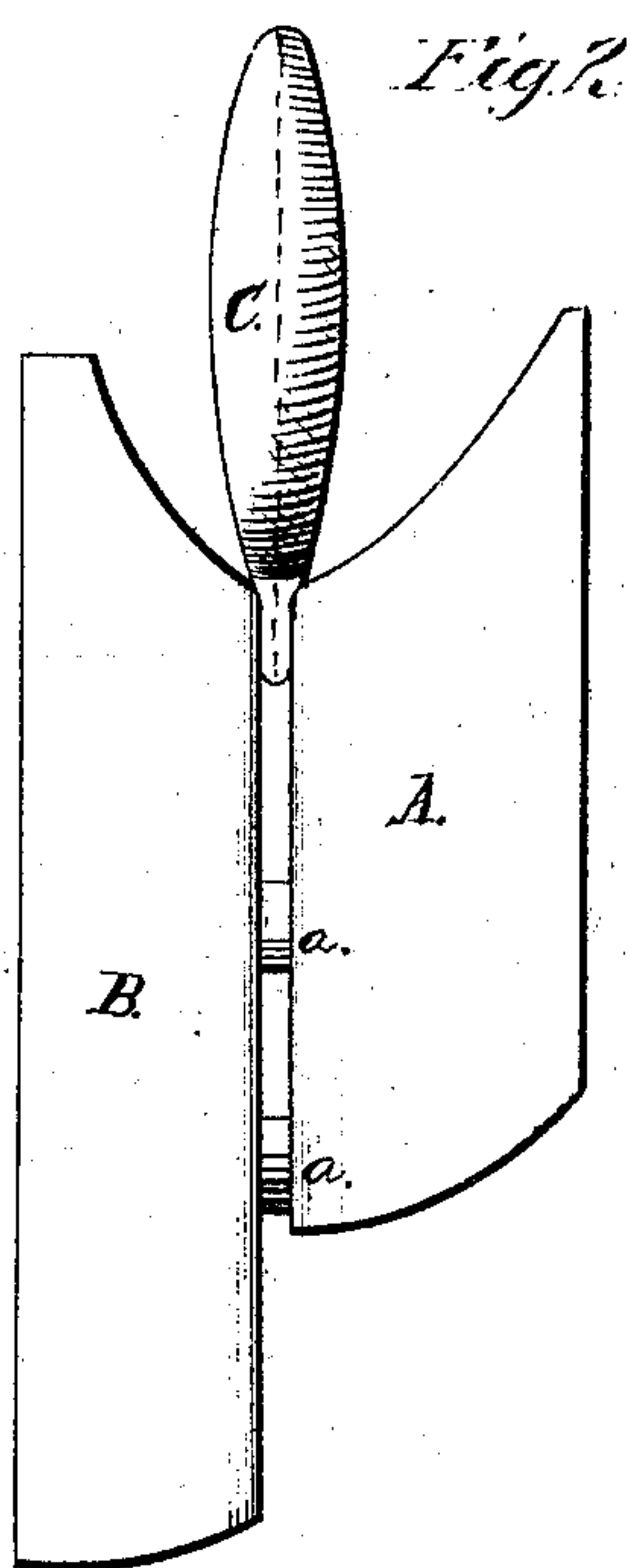
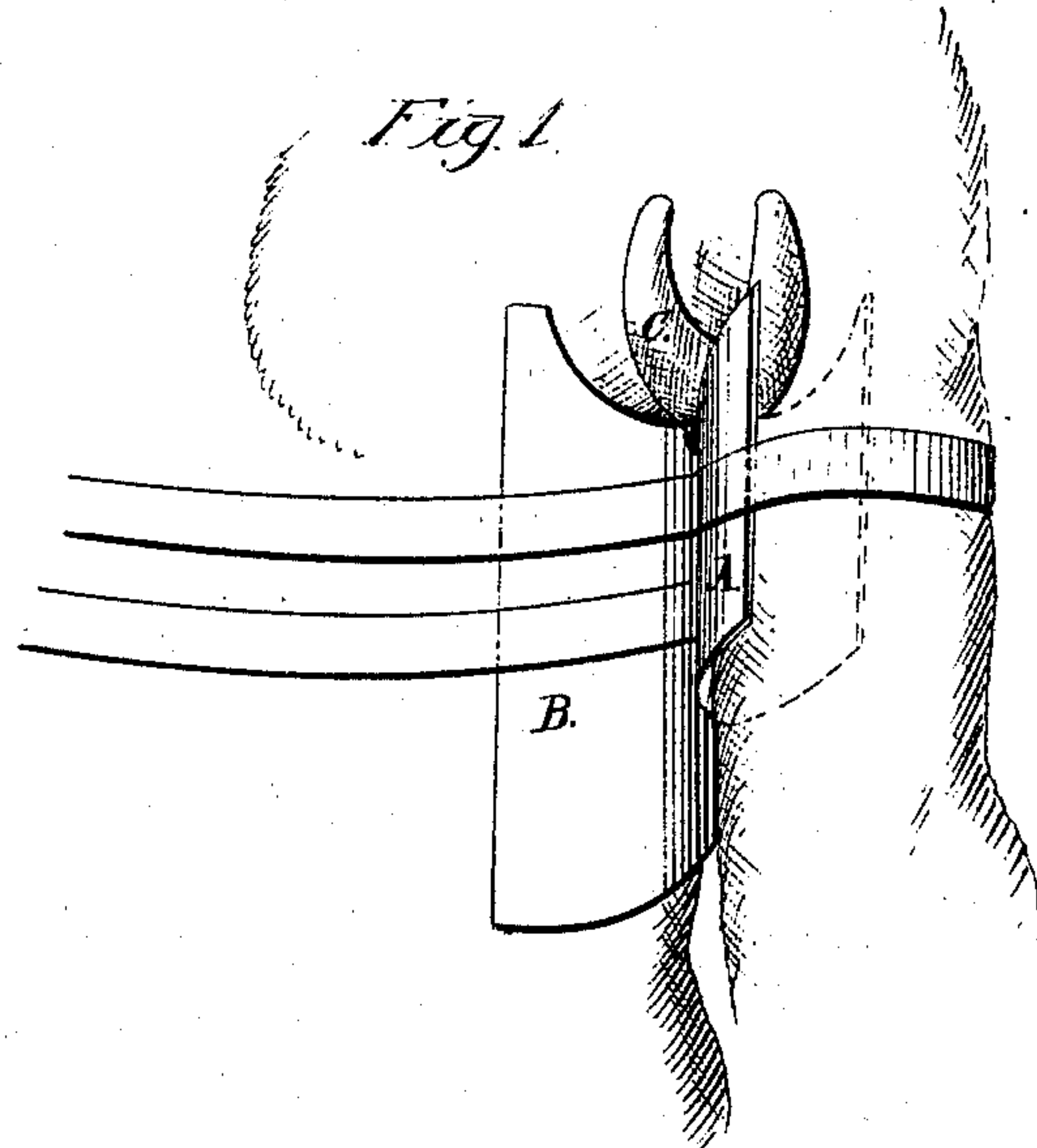


H.L. Richardson,
Splint for Fracture of Clavicle, &c.
N^o 99,709. *Patented Feb. 8. 1870.*



Witnesses.
Syratone
Waldo Richardson,

Inventor.
Haynes L Richardson,

United States Patent Office.

HAYNES L. RICHARDSON, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM POMEROY, DANIEL POMEROY, AND JULIUS R. POMEROY, OF SAME PLACE.

Letters Patent No. 99,709, dated February 8, 1870.

IMPROVED SPLINT FOR FRACTURE OF CLAVICLE, &c.

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, HAYNES L. RICHARDSON, of the city of New York, in the county and State of New York, have invented certain new and useful Improvements in Splints, for Fractures of the Clavicle, Humerus, and Scapula; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to understand and use the same, reference being had to the accompanying drawings, forming part of this specification, of which—

Figure 1 represents my improved splint for fractures of the clavicle, humerus, or scapula, showing its application to the person.

Figure 2 represents a detached front view of the same.

Figure 3 represents a detached side view of the same.

Similar letters indicate the same parts in all the drawings.

This invention relates to a new and improved splint for fracture of the clavicle, humerus, and scapula, by which the fractured bone is held in position after it has been reduced, without interfering with the shoulder or arm on the opposite side of the person, and securing the comfort of the patient.

My improvement consists in constructing a splint in two principal parts, made of some flexible, but moderately stiff material, like leather, covering a paste-board foundation, hard rubber, or papier-maché. The larger one of the parts is a semi-cylindrical piece, fitted upon the side of the person, below the arm-pit, and the smaller one is also a semi-cylindrical piece, fitted

to the arm, as shown clearly in fig. 1. Besides these main pieces forming the splint, there is also a crescent-shaped pad attached to them, which is fitted under the arm. This steadies and assists in keeping the splint in place.

The arm-piece A is fastened to the side-piece B by rivets *a a a* at the middle, with a space left between them sufficient to permit the passage through of adhesive straps, for attaching the splint to the person, as shown in fig. 1.

The arm-pit pad C is also fastened to the pieces A B by rivets, or in any other suitable manner.

My improved compound semi-cylindrical splint is applied alike to fractures of the clavicle, humerus, and scapula, with great ease and dispatch. It is secured with adhesive straps, by three or more attachments, to the side, axilla, and arm of the patient. After the splint has been adjusted, the fore-arm is flexed in front of the chest in a right-angle position, supported by a sling from the neck.

Having described my invention,

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

The improved compound splint, for fractures of the clavicle, humerus, and scapula, formed of the semi-cylindrical arm-piece A, and the semi-cylindrical side-piece B, with or without the arm-pit pad C, constructed and applied substantially as described.

HAYNES L. RICHARDSON.

Witnesses:

L. O. WATSON,
WALDO RICHARDSON.