

E. S. PIERCE.

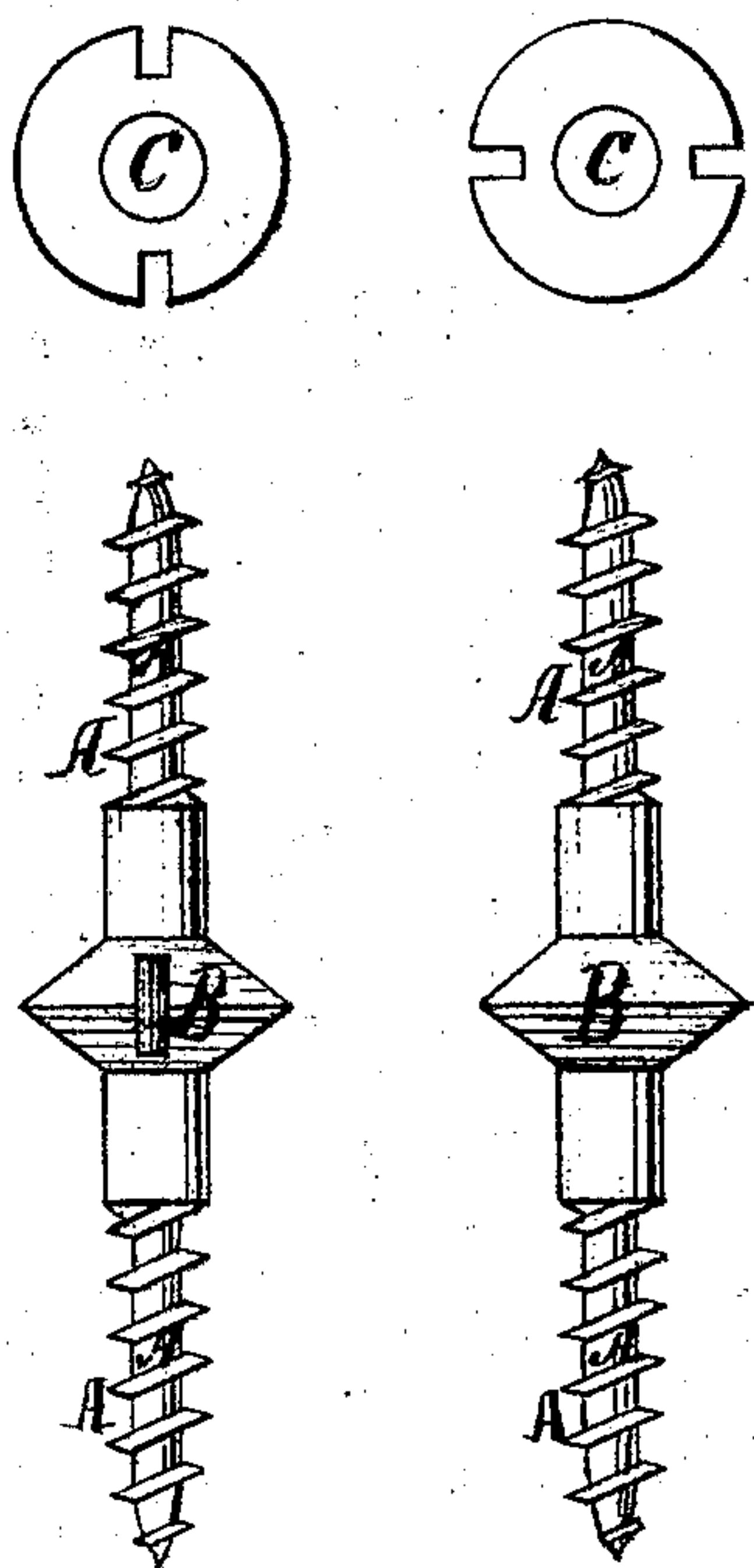
Improved Double Screw.

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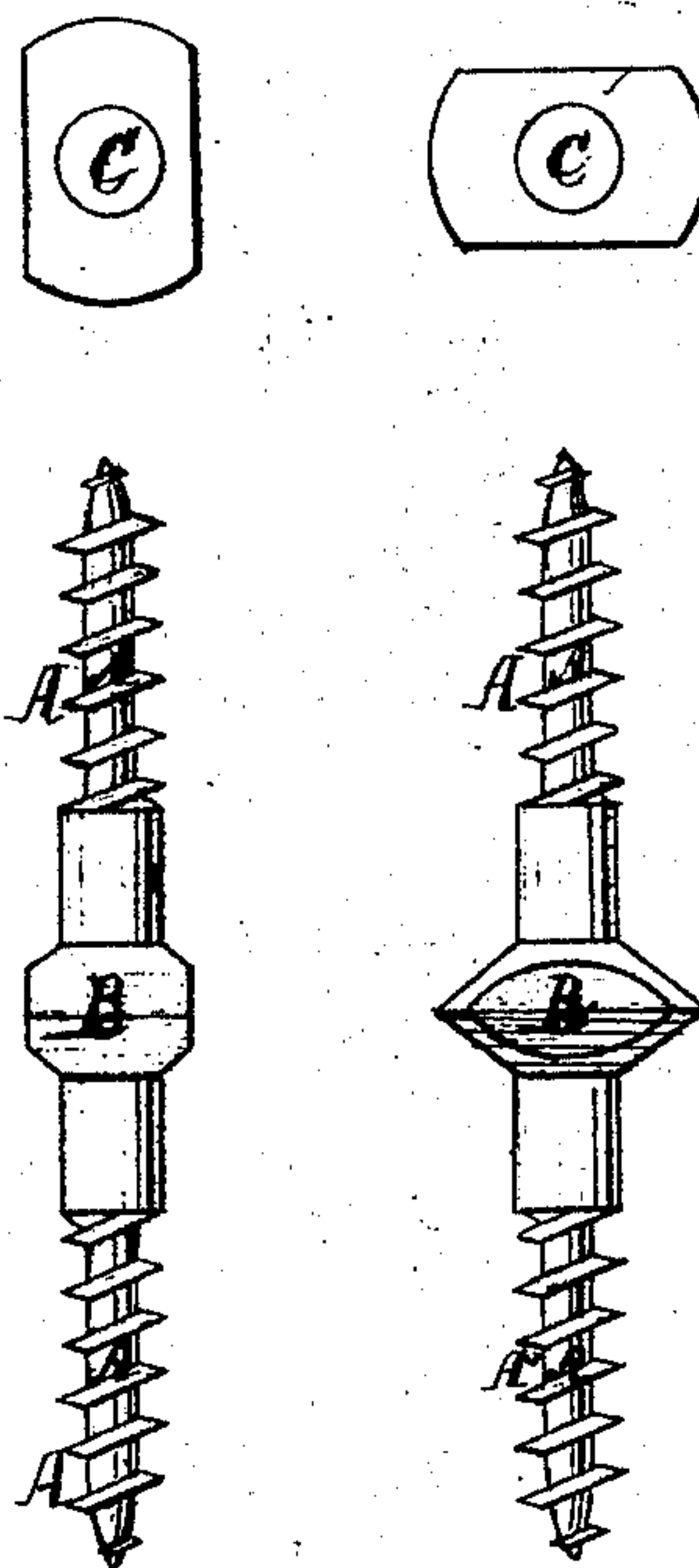
PATENTED

DEC 10 1867

*Fig. 1.*



*Fig. 2.*



Witnesses

G. Woodhouse  
Thos. G. Ellis.

Inventor.

E. S. Pierce

# United States Patent Office.

ELIJAH S. PIERCE, OF HARTFORD, CONNECTICUT.

*Letters Patent No. 71,909, dated December 10, 1867.*

## IMPROVED DOUBLE SCREW.

*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, ELIJAH S. PIERCE, of Hartford, in the county of Hartford, and State of Connecticut, have invented a new and useful article of manufacture, being an Improved Double Screw; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 shows two views of the improved double screw, with a head having slots or nicks cut in opposite sides for the purpose of turning it.

Figure 2 shows two views of the improved double screw, with the head flattened on opposite sides for the same purpose.

A A, &c., are the screw-threads at each end of the double screw. B B, &c., are the heads. C C, &c., are sections in the middle of the heads.

My invention consists in providing a double screw with an intermediate head for the purpose of turning it, and also for the purpose of preventing one end of the screw from penetrating too far when the double screw is used for uniting two different kinds of wood, or other material, when one is softer and more easily penetrated than the other.

The improved double screw is made by "striking" up the head on a wire of the proper size, and cutting the threads in the ordinary manner for single screws. It can also be made by turning down to the proper shape and size from a larger rod or wire. Two ordinary screws can also be united together to obtain the same form.

The improved double screw is useful in attaching handles or ornaments to drawers or doors, and for any other purposes to which straight wires with a thread cut at both ends are now applied.

With the improved double screw, no especial care need be taken in preparing the holes for its reception, as it will enter each of the two parts to be joined as far as the head, which will prevent farther entrance when it has reached the surface, so that when the two parts are brought together, as in screwing on a knob, the head will remain between the two parts united, and the screw will enter each of the two parts equally, if the branches of the screw are of the same length. Were it not for the head, the screw would turn more easily, and farther into the softer material.

### *Claim.*

I claim the double screw herein described and shown, as a new article of manufacture.

E. S. PIERCE.

### Witnesses:

L. WOODHOUSE,  
THEO. G. ELLIS.