

W. H. WALKER.

Square.

No. 167,482.

Patented Sept. 7, 1875.

Fig. 1.

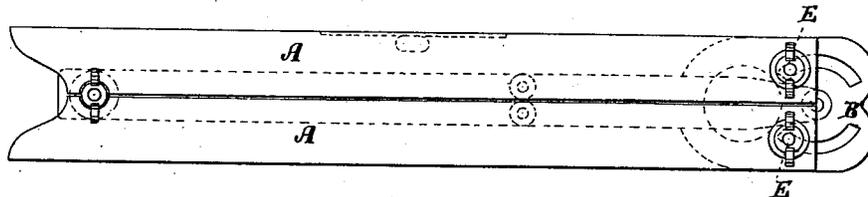


Fig. 2.

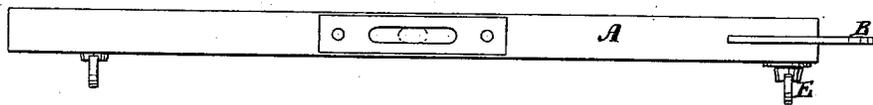
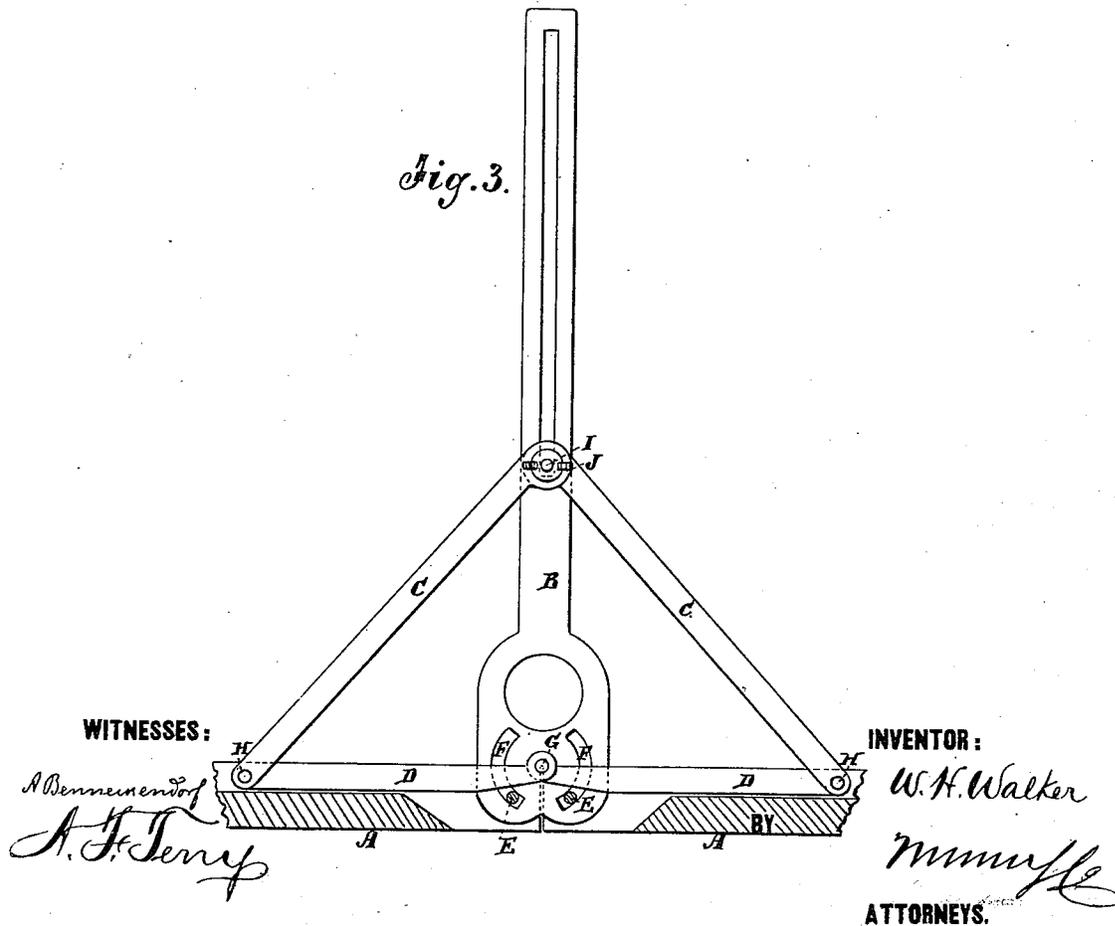


Fig. 3.



# UNITED STATES PATENT OFFICE.

WILLIAM H. WALKER, OF CHARLESTON, SOUTH CAROLINA.

## IMPROVEMENT IN SQUARES.

Specification forming part of Letters Patent No. **167,482**, dated September 7, 1875; application filed October 17, 1874.

*To all whom it may concern:*

Be it known that I, WILLIAM H. WALKER, of Charleston, in the county of Charleston and State of South Carolina, have invented a new and Improved Combined Rule and Square, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a side elevation of my improved combined rule and square folded up for carrying in the pocket. Fig. 2 is a plan view of it in the same position; and Fig. 3 is an elevation of it when opened and adjusted for use.

Similar letters of reference indicate corresponding parts.

A represents the wood portions of the principal head. B represents the metal tongue; C, metal braces, and D the auxiliary head of two metal pieces. The wood pieces of the head are now connected to the tongue by the bolts E, which move in slots F around the axis G, whereat the auxiliary head D is pivoted to the tongue, and the parts thereof

are pivoted together. At H the braces are pivoted to the auxiliary head, and the wood head is also fastened to them.

This arrangement makes a more accurate instrument than when the two parts of the head are pivoted to the tongue separately. The head D is arranged in the groove of the principal head, into which the braces and the tongue fold. The connection of the braces with the tongue by a screw, I, with a binding thumb-nut, J, is the same as in the original instrument.

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

The straps D D, made fast to case A at one end, pivoted at the other on pin G of the tongue B, and held to said tongue by pins E E traveling in the arc-slots F F, as and for the purpose specified.

W. H. WALKER.

Witnesses:

R. R. HUGER,  
SENKLER SIMONS.