

(No Model.)

W. B. SIGSBY.  
EXTENSIBLE FOLDING TRESTLE.

No. 561,138.

Patented June 2, 1896.

Fig. I.

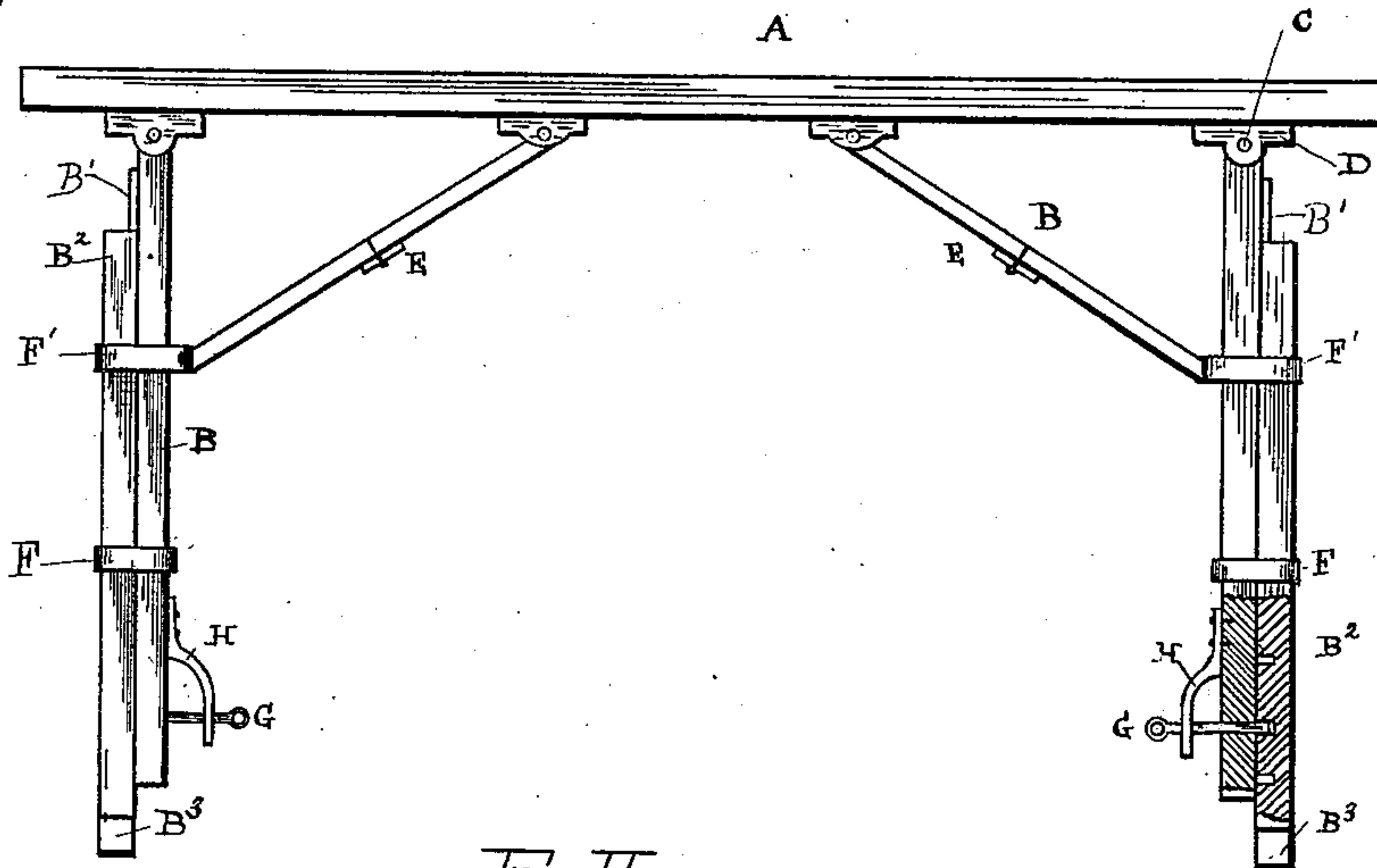


Fig. II.

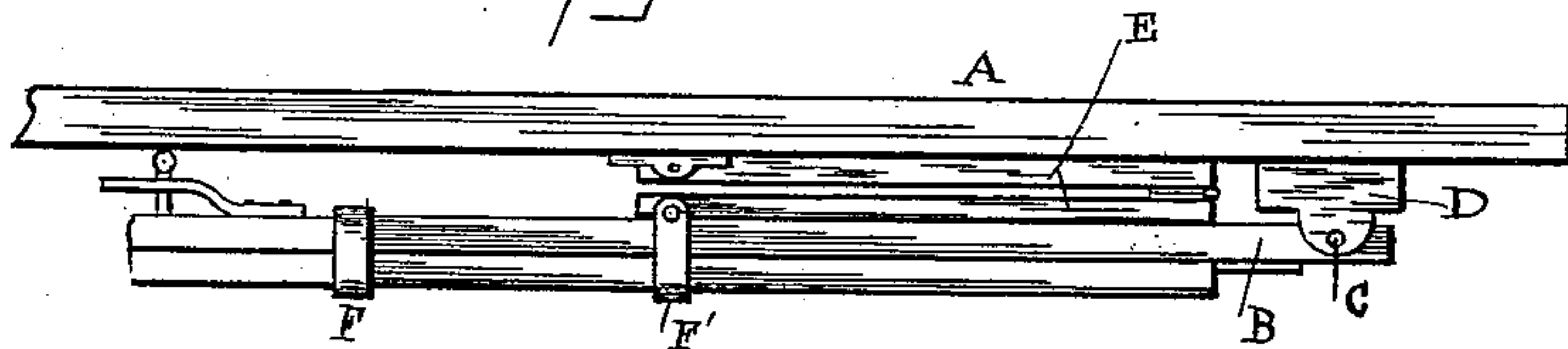
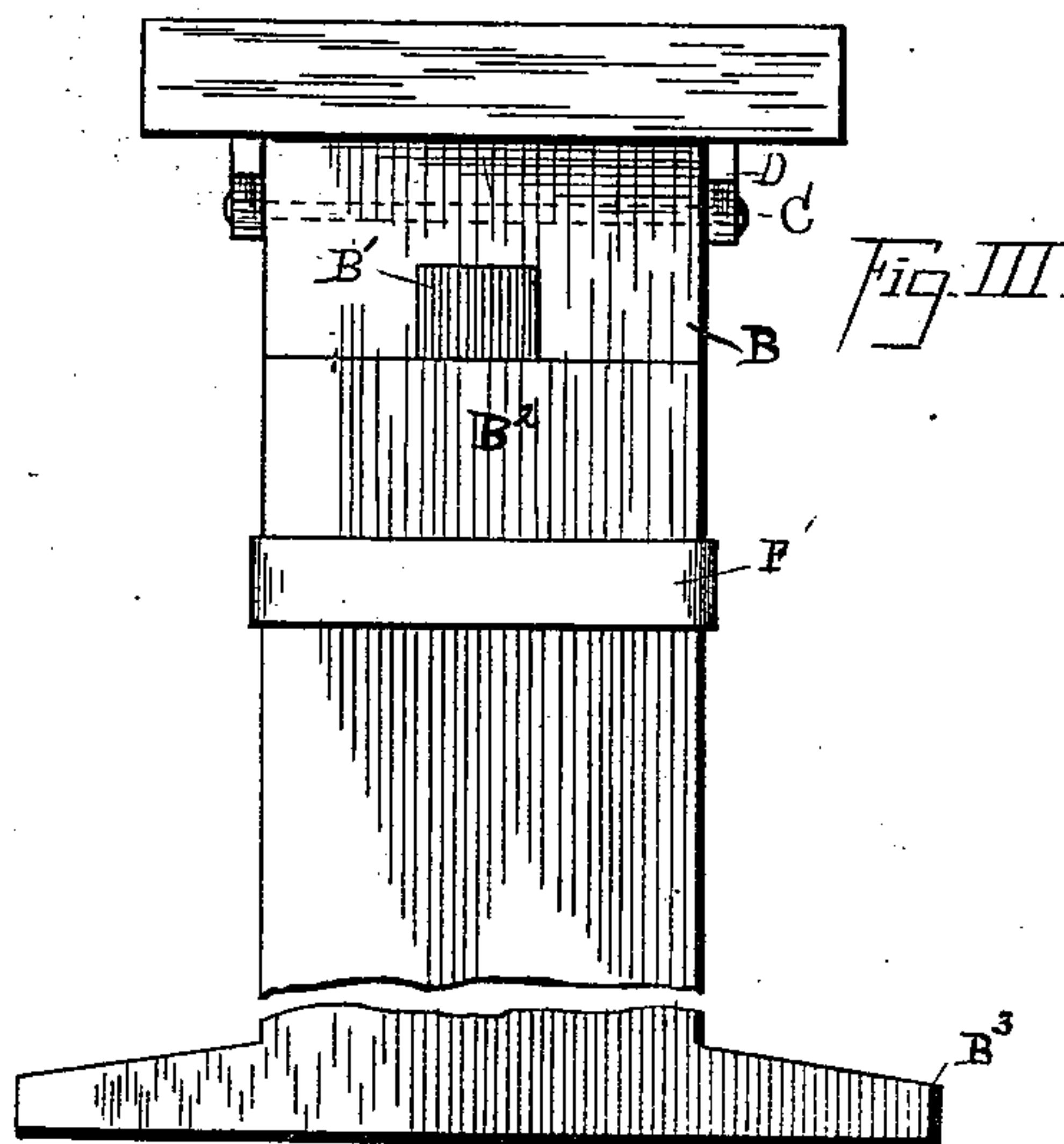
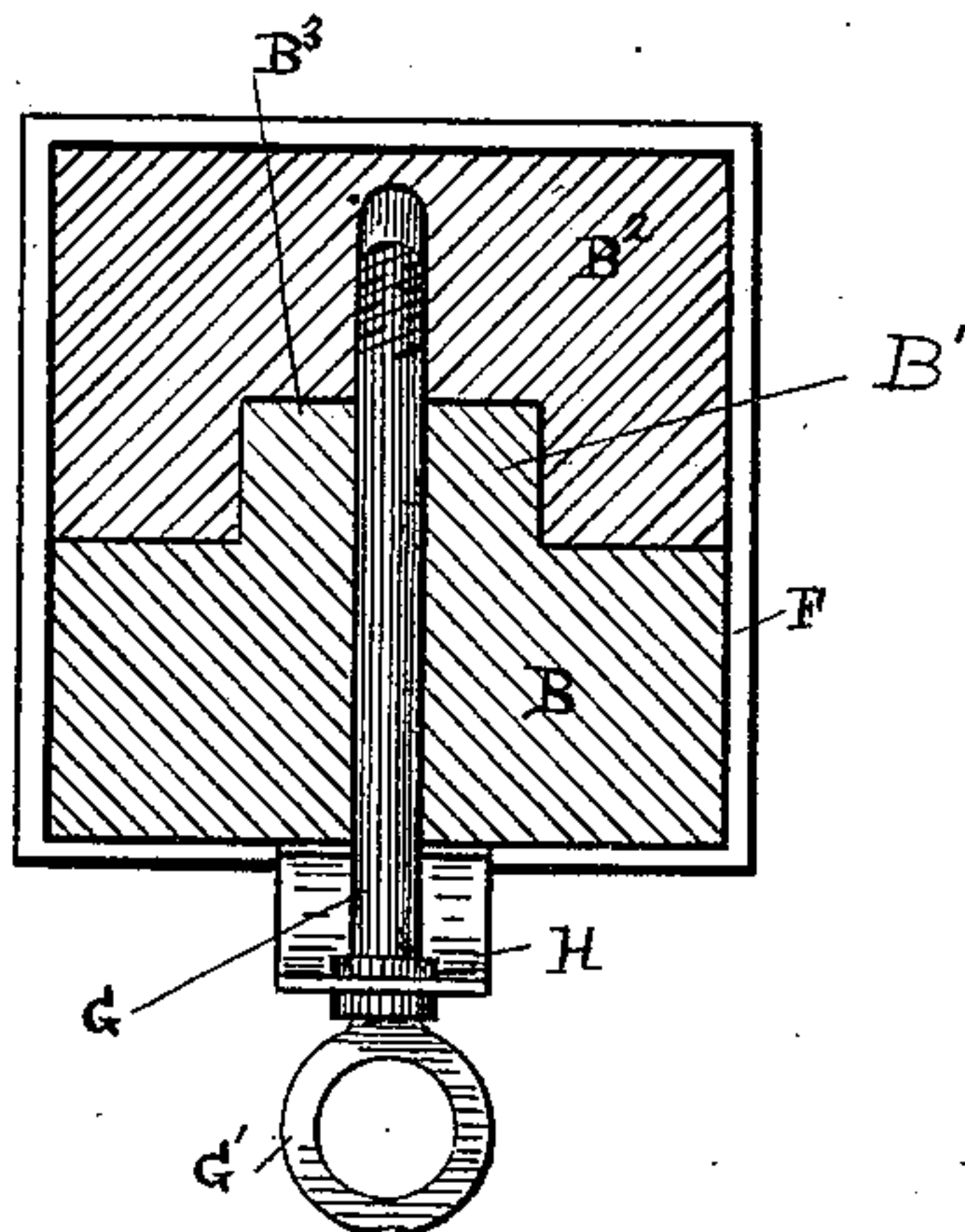


Fig. IV.



WITNESSES.

Chas. K. Davies.

*L. W. Johnson,*

INVENTOR.

*W. B. Sigsby*  
*By W. A. Bartlett*  
*Atty.*

# UNITED STATES PATENT OFFICE.

WILLIAM BIRD SIGSBY, OF HARBOR SPRINGS, MICHIGAN.

## EXTENSIBLE FOLDING TRESTLE.

SPECIFICATION forming part of Letters Patent No. 561,138, dated June 2, 1896.

Application filed February 6, 1896. Serial No. 578,295. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM BIRD SIGSBY, residing at Harbor Springs, in the county of Emmet and State of Michigan, have invented certain new and useful Improvements in Extensible Folding Trestles, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to folding trestles for the use of carpenters and other workmen.

The object of the invention is to produce a trestle which may be folded into very compact form or which may be extended and elevated, and in which the extensible legs, whether extended or folded, are strongly braced.

Figure 1 is a side elevation of the trestle, part sectioned. Fig. 2 is a broken side elevation of the table of the trestle and one leg and brace folded. Fig. 3 is a broken end elevation of the trestle. Fig. 4 is a cross-section of one of the extensible legs and attachments.

A indicates the body or table of the trestle. To this body or table legs B B are hinged by pins or pintles C C, passing through hinge-pieces D D and through the ends of the legs. Other hinge connections might be used to hold the legs in such position that they may fold against the table A. A hinged brace E is connected to the body of the table of the trestle and to the legs, said brace being of the character known and familiar in folding carriage-tops. As indicated in Figs. 1 and 2, this brace may be folded in the middle, and the hinged leg may thus be folded against the body or table of the trestle, the hinged brace being thus inclosed between the leg and table, as in Fig. 2. The legs are connected to the table by such a hinge as will permit the inclosure of the brace between the leg and table, as in Fig. 2.

The leg B has a ridge or tongue B' extending lengthwise, and an extension-leg B<sup>2</sup> is formed with a groove B<sup>3</sup> corresponding to the tongue on the leg B. The legs B and B<sup>2</sup> are held in contact by bands F F', which surround the legs and hold them in contact, but permit longitudinal movement or extension of the leg

B<sup>2</sup> with reference to leg B. The brace E is connected at one end to one of the bands F'. These bands F are shown to be rectangular, but will of course conform to the form of the legs. A pin or screw G extends through a hole in leg B and into any one of a series of holes or recesses in leg B<sup>2</sup>. This pin or screw G passes through a spring H, which is attached to the leg B, with a tendency to press said pin or screw inward toward the leg. By taking hold of the head or loop G' of the pin or screw the pin or screw can be drawn out from a hole in leg B<sup>2</sup>, so as to permit the longitudinal movement of leg B<sup>2</sup> relatively to leg B. The spring H always tends to press the pin or screw G into the hole in leg B<sup>2</sup>, so as to hold the extensible leg locked in any position in which it may have been adjusted.

The leg composed of the two parts B and B<sup>2</sup> is made very strong and stiff by reason of the interlocking tongue and groove and the surrounding bands. The pin or screw G and the spring H furnish a reliable means of quickly securing the leg in any desired position. The leg B<sup>2</sup> may have a foot-piece B<sup>3</sup>, which can widen the base.

I am aware that folding trestles have been made with extensible legs and with braces, and I do not broadly claim such constructions.

What I claim is—

The folding and extensible trestle, consisting essentially of the table or body, the legs hinged thereto, each leg having an extensible portion engaging therewith by tongue-and-groove engagement, the spring-pressed pin or screw for holding the extensible part of the leg in adjusted position, and the jointed braces hinged to the table or body and to the legs, so as to fold between the legs and body, all combined substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM BIRD SIGSBY.

Witnesses:

LEVI W. GARDNER,  
WILLIAM W. BOWEN.