

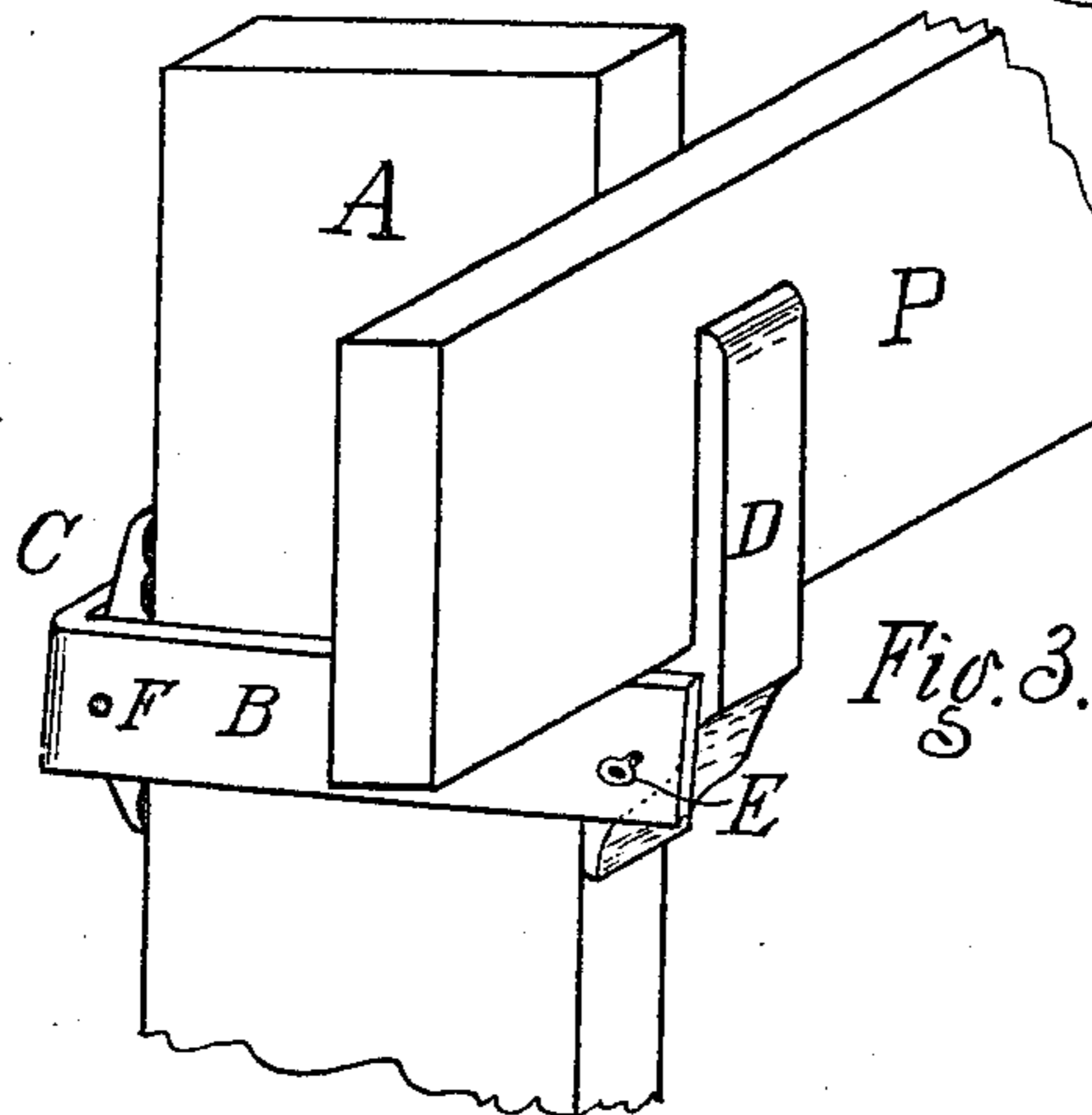
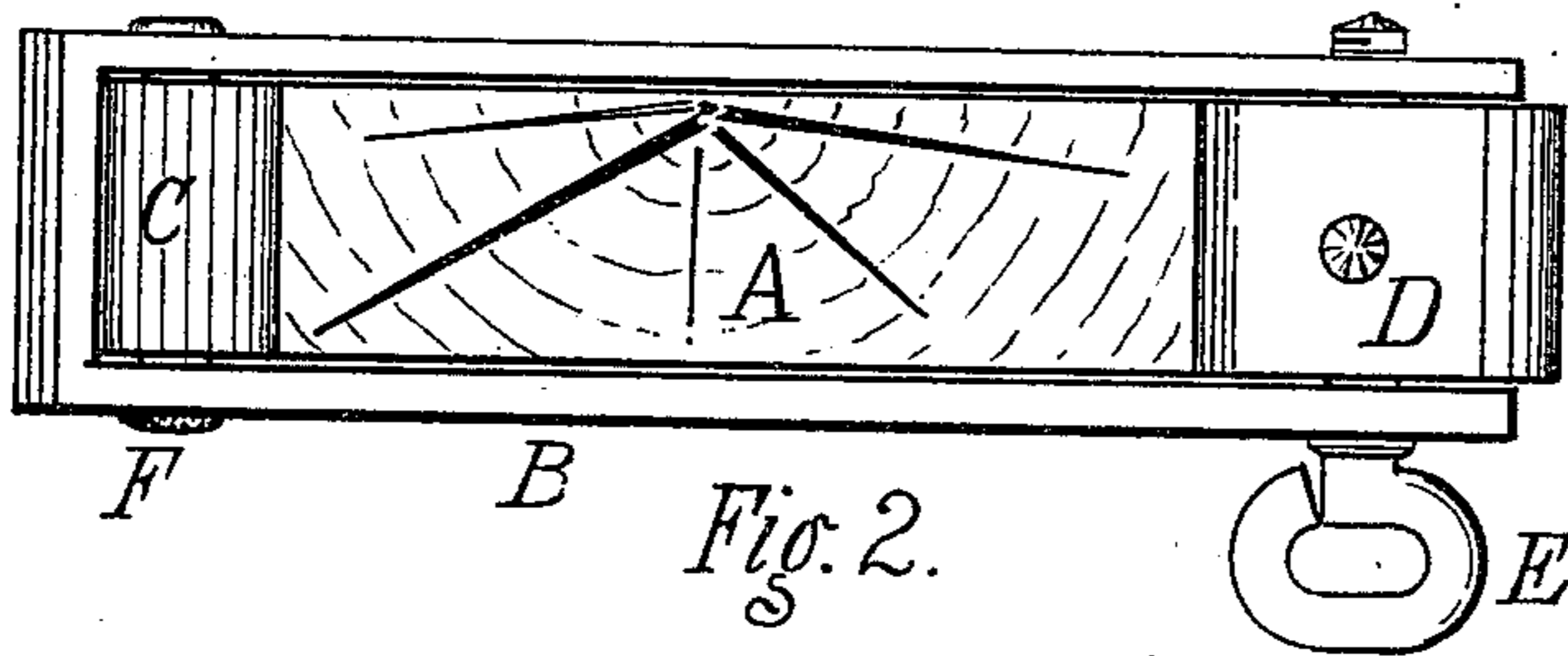
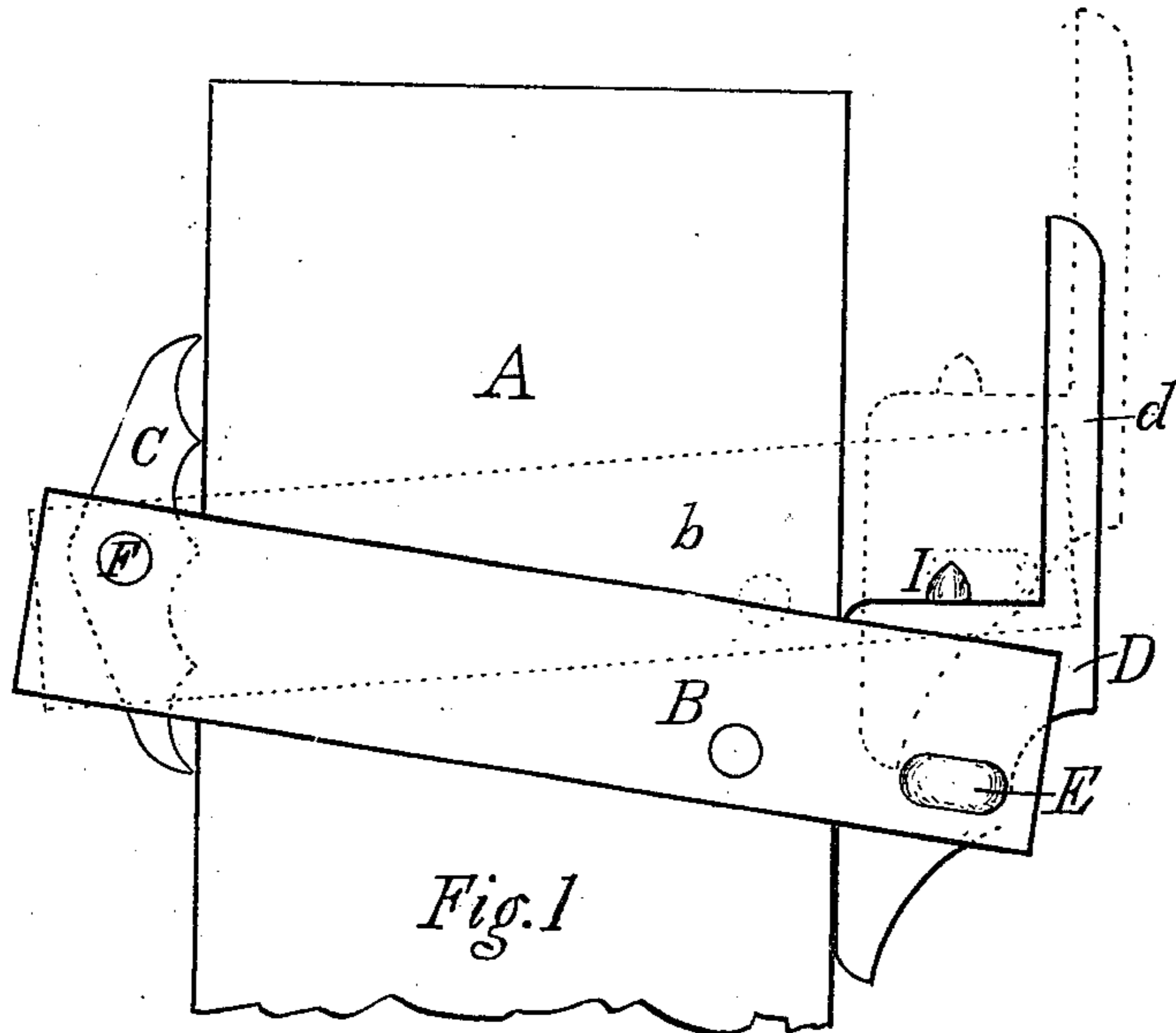
No. 683,909.

Patented Oct. 8, 1901.

C. D. CAMPBELL.  
SCAFFOLD BRACKET.

(Application filed Feb. 16, 1901.)

(No Model.)



Witnesses.  
Alfred W. Woods.  
Geo W Shaffer

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# UNITED STATES PATENT OFFICE.

CLELL D. CAMPBELL, OF LINCOLN, NEBRASKA.

## SCAFFOLD-BRACKET.

SPECIFICATION forming part of Letters Patent No. 683,909, dated October 8, 1901.

Application filed February 16, 1901. Serial No. 47,697. (No model.)

*To all whom it may concern:*

Be it known that I, CLELL D. CAMPBELL, residing in Lincoln, in the county of Lancaster and State of Nebraska, have invented a new and useful Scaffold-Bracket, of which the following is a specification.

My invention relates to a bracket or hanger to be placed upon the upright wooden posts or supports of a scaffolding, such as is used by mechanics in the erection and repair of buildings, to support the putlogs or cross-timbers upon which the staging is laid.

The objects of my invention are, first, to provide a strong and convenient adjustable support or bracket that can be readily placed at any required height upon the posts of the scaffold and that will retain its position without nailing or other fastening, gripping the post more firmly with every increase of the load; second, to provide a suitable holder for the putlog that will retain its vertical position when in use under all circumstances, and, third, to provide a pivoted dog or grip-block the face of which will bear evenly against the post, thus affording sufficient resistance to prevent slipping without unnecessarily injuring the post. I attain these objects by means of the devices illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a portion of a staging-support to which my scaffold bracket or hanger is applied. Fig. 2 is a plan view of the same, and Fig. 3 is an isometric view of the same with the putlog or cross-timber in place upon the bracket.

Similar letters refer to like parts throughout the drawings.

The bracket consists of a stirrup or hanger B, which is placed upon the post or staging-support A, having at one end a holder D, with an upright lug *d* for retaining the putlog in position. This holder has a smooth face with rounded corners coming against the post A so it may move freely, while from its construction the seat, in which there is a short spike I, and the upright support or lug *d* always retain their respective horizontal and vertical positions, no matter to what inclination the stirrup B may be brought by weight

upon the putlog. At the inner end of the stirrup B, I place a pivoted dog or grip-block C, the corrugations of which press evenly upon the side of post A as weight is applied at the other end of the stirrup B and prevent it from sliding down the post.

It will be noticed that the dog C is pivoted near the upper edge of the hanger or stirrup B, while the holder D is pivoted near its lower edge. The object of this arrangement will be seen by inspection of the drawings, Fig. 1, for when the stirrup B is raised to the position *b*, as indicated by dotted lines, in which the bolt or pivot E is exactly opposite or level with the pivot F and the holder D is thrown back from the post so the dog C may be released and the whole bracket moved as desired. The same results, to some extent, may be had by giving a somewhat rounded and roughened surface to the inner bend of the stirrup B and dispensing with the pivoted dog C; but I prefer the former construction.

For convenience in applying and removing the bracket from the post the bolt E is so made that it can be readily taken out and replaced, being furnished with a screw-thread at the end which engages with a corresponding thread in the stirrup. There are also one or more extra holes in the stirrup in which the bolt E may be inserted, thus providing for the use of posts of different sizes, as two by six or two by eight inches, &c.

In operation the stirrup B is placed upon the post in the position indicated by dotted lines at *b*, Fig. 1, and after the holder D and bolt E are in place it is brought down until the holder D rests firmly against the post A, as shown, when any additional load, as that of or upon the putlog P, will only cause the dog C to grip more firmly to the post and entirely prevent its sliding upon the same.

Having thus fully described my invention, I claim—

1. A self-clamping scaffold-bracket consisting of a stirrup B having at one end a pivoted dog C and at the other a putlog-holder D, the latter having a smooth surface adapted to slide down the support A until the bracket is clamped by the tilt downward on the dog C.

2. In combination with the stirrup B the sliding holder D which presents a smooth face to the post A and has an upright lug *d* which remains parallel to the face of the post substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

CLELL D. CAMPBELL.

Witnesses:

ALLEN W. FIELD,  
W. L. CAMPBELL.