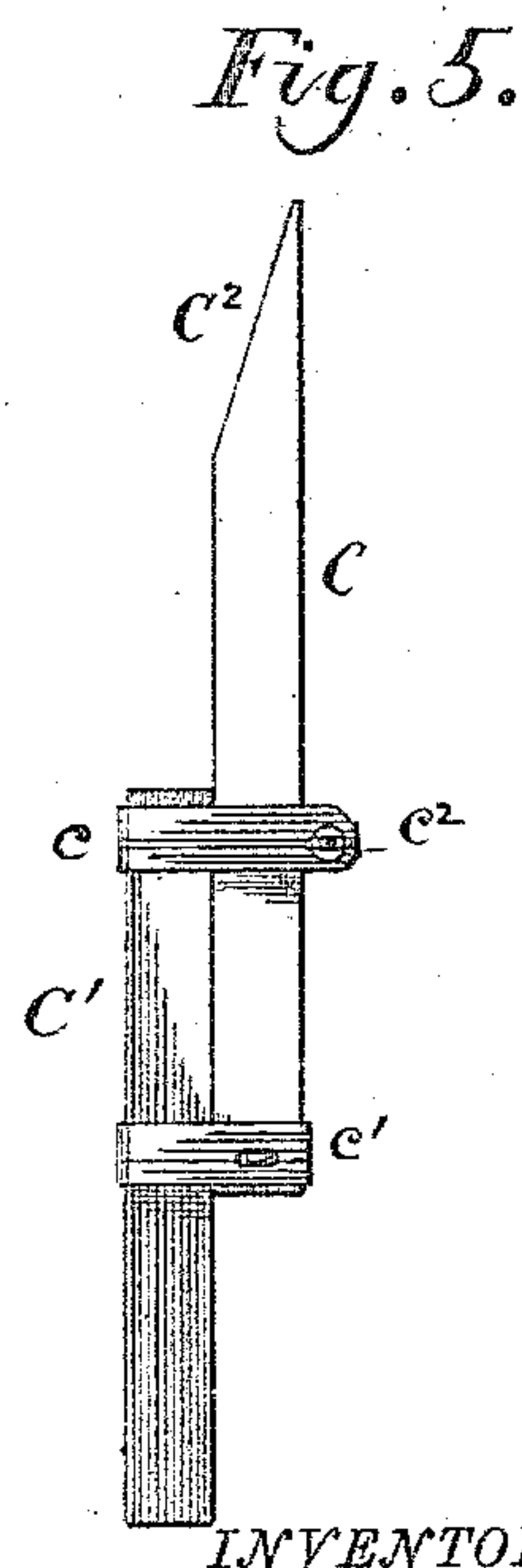
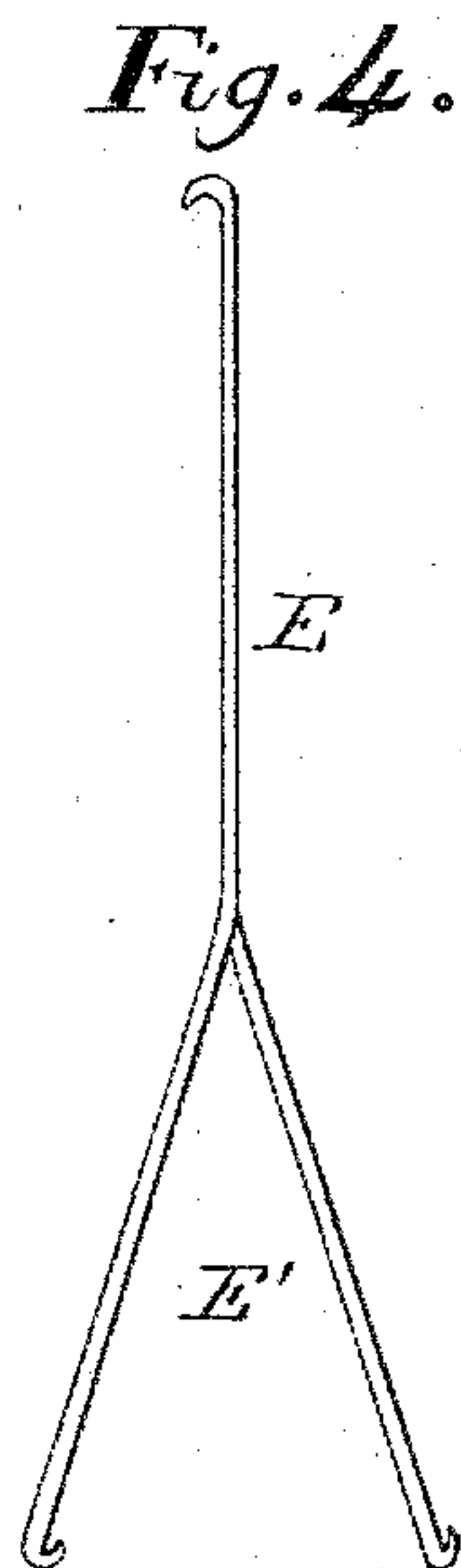
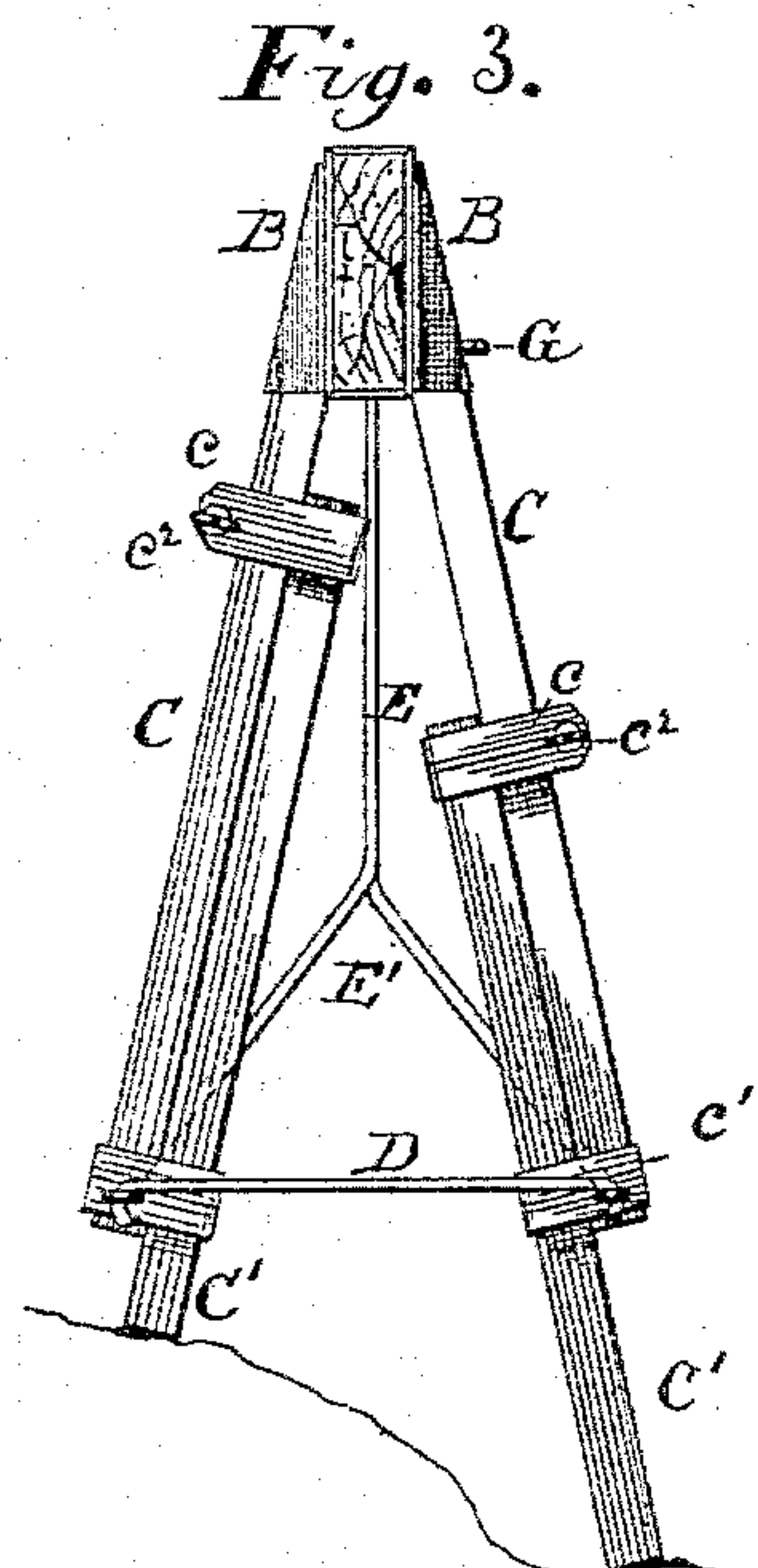
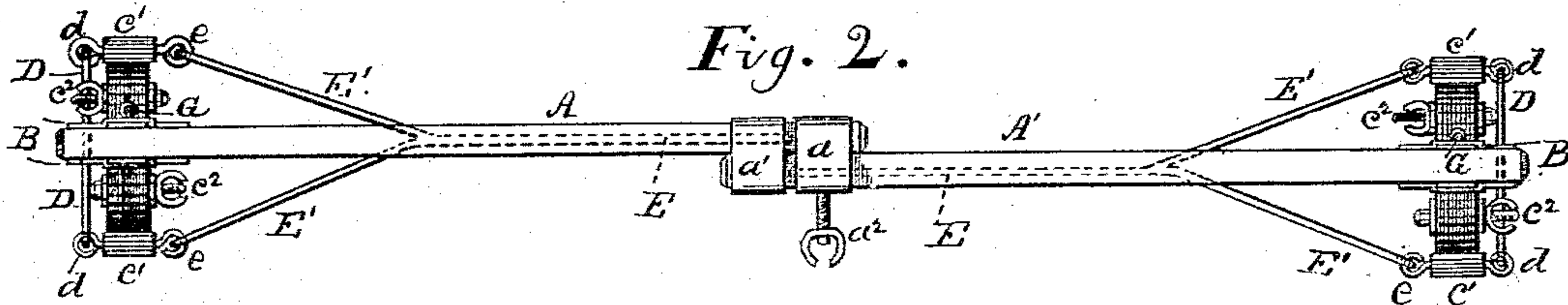
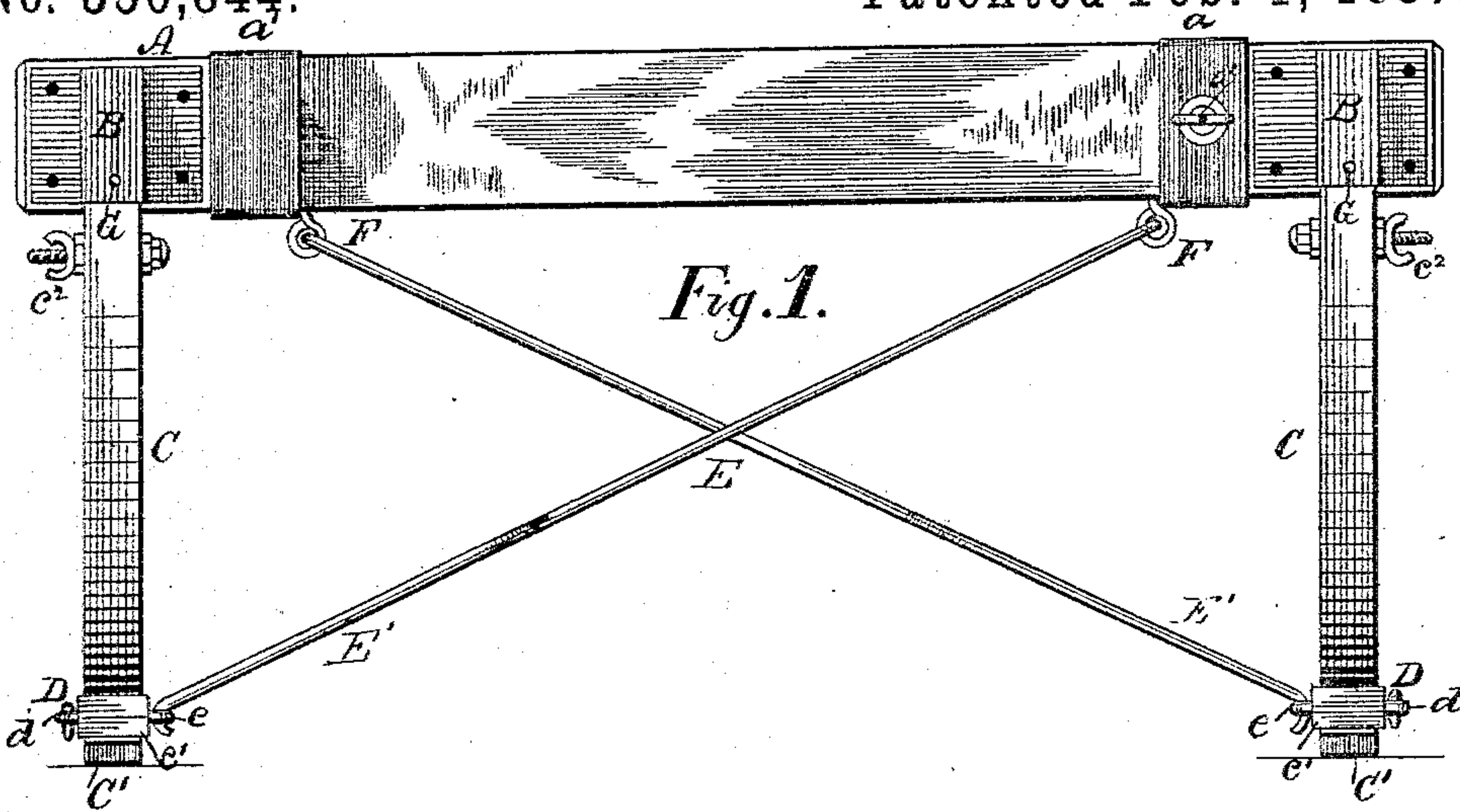


(No Model.)

M. S. LIKE.
TRESTLE.

No. 356,844.

Patented Feb. 1, 1887.



WITNESSES
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UNITED STATES PATENT OFFICE.

MARTIN S. LIKE, OF PRINCETON, IOWA.

TRESTLE.

SPECIFICATION forming part of Letters Patent No. 356,844, dated February 1, 1887.

Application filed July 3, 1886. Serial No. 207,051. (No model.)

To all whom it may concern:

Be it known that I, MARTIN SILAS LIKE, a citizen of the United States, residing at Princeton, in the county of Scott and State of Iowa, have invented certain new and useful Improvements in Trestles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in supporting-trestles for use of carpenters, builders, and others; and my said invention consists in certain details of construction and arrangement of the parts composing the same, whereby it may be both longitudinally and vertically adjusted or "knocked down," and whether in an extended or other position the parts will be securely held from spreading, as will be hereinafter more particularly described, and pointed out in the claim.

The object of this invention is to so form the body of a trestle as well as its supporting-legs that each of these parts may be removed or adjusted and securely held in an adjusted position, so that either or both the length and height of the trestle may be increased, its use in a level position upon uneven or inclined surfaces permitted, or it may be knocked down to occupy a small and compact space when not in use or during transportation.

For a better understanding of the details of construction of a trestle when constructed according to my invention, reference must now be had to the accompanying drawings, in which—

Figure 1 represents a view in side elevation of the trestle with its body and legs in their contracted position; Fig. 2, a plan view showing the trestle as in its extended position; Fig. 3, an end elevation representing the trestle as in use upon an inclined surface or plane. Fig. 4 is a view of one of the longitudinal braces for the legs; and Fig. 5 is a detached view of one of said legs, showing the construction thereof.

The top piece or body of the trestle is composed of two members, A A', of equal length and of any desired proportion, secured to each other by two broad bands, a and a', which en-

circle both of said members and are secured at the outer ends thereof, one upon each member—that is, the band a being secured to the end of member A, while the band a' is secured to the one A', so that the parts of the body are held from lateral displacement or separation, yet they may slide longitudinally upon each other, as shown in Fig. 2, when permitted so to move by the pinch-screw a², which passes through the band a and impinges against the face of the member A'. At the outer ends of each of these parts A and A' of the body, and upon both sides thereof, are secured sockets B for the reception of the top ends of the supporting-legs, which sockets, as shown in Fig. 3, are made tapering, so as to give the proper spread to said legs at their lower ends.

The supporting-legs are arranged upon the same plan as the body—that is to say, they are composed of two separate members, C and C', united to each other by two bands or clips, c and c', which encircle the same and are secured thereto at their opposite ends, one of which clips, c, is provided with a pinch or clamp screw, as at c², so as to securely hold the parts together at any point desired. Upon both the inside and outside of the lower clips, c', of the legs are formed eyes d and e—the ones d to receive the short brace-rod D, whereby the separation or spreading apart of the outer ends of the legs is prevented, and the ones e to receive the forked ends E' of the long brace E, to prevent the expansion or longitudinal separation of the legs. These braces E are, as before stated, formed with a forked end, E', and the single opposite end thereof is received in an eye secured to the outer ends of each of the members A A' of the body, as seen at F, Fig. 1. This constitutes the construction of the several parts composing a trestle when constructed according to my invention, except that the end of the member of the legs which is received in the sockets B of the body is beveled off, as seen at C², whereby the necessary spread is given to said legs, and said legs, when inserted within said sockets, are held from accidental removal or escape therefrom by a pin, as at G, which passes through the said sockets, body, and end of legs, as seen in Fig. 3.

When in their collapsed position, the body of the trestle, as also its legs, are of the usual length, so that when the body or legs are extended to their full extent the trestle will be double its usual length and height. The body may be extended without extending the legs, or vice versa, and only one or more of the said legs may be extended; or the extension of each leg may vary so that the top piece will always remain in a level position, while the legs occupy uneven or inclined surfaces; and, again, each of these parts composing the trestle is made removable, so that said trestle may be knocked down and its parts arranged into a small compact bundle for shipment or packing away when not in use.

Having thus fully described my invention, what I claim as new therein, and desire to se-

cure by Letters Patent of the United States, is as follows, viz:

The combination, in a trestle, with the body composed of the two members A A', with clips *a a'* and set-screw *a²*, for securing the same in position, leg sockets B B, and legs composed of two members, C C', with clips *c c'* and set-screw *c²*, for securing the same in position, of the two removable brace-rods E, having a forked end, E', and two removable short brace-rods, D, with eyes F, *e*, and *d*, for receiving said braces, as described and shown, for the purposes specified.

MARTIN S. LIKE.

In presence of—

HENRY C. CHAPMAN,
AUGUST BRASCH.