

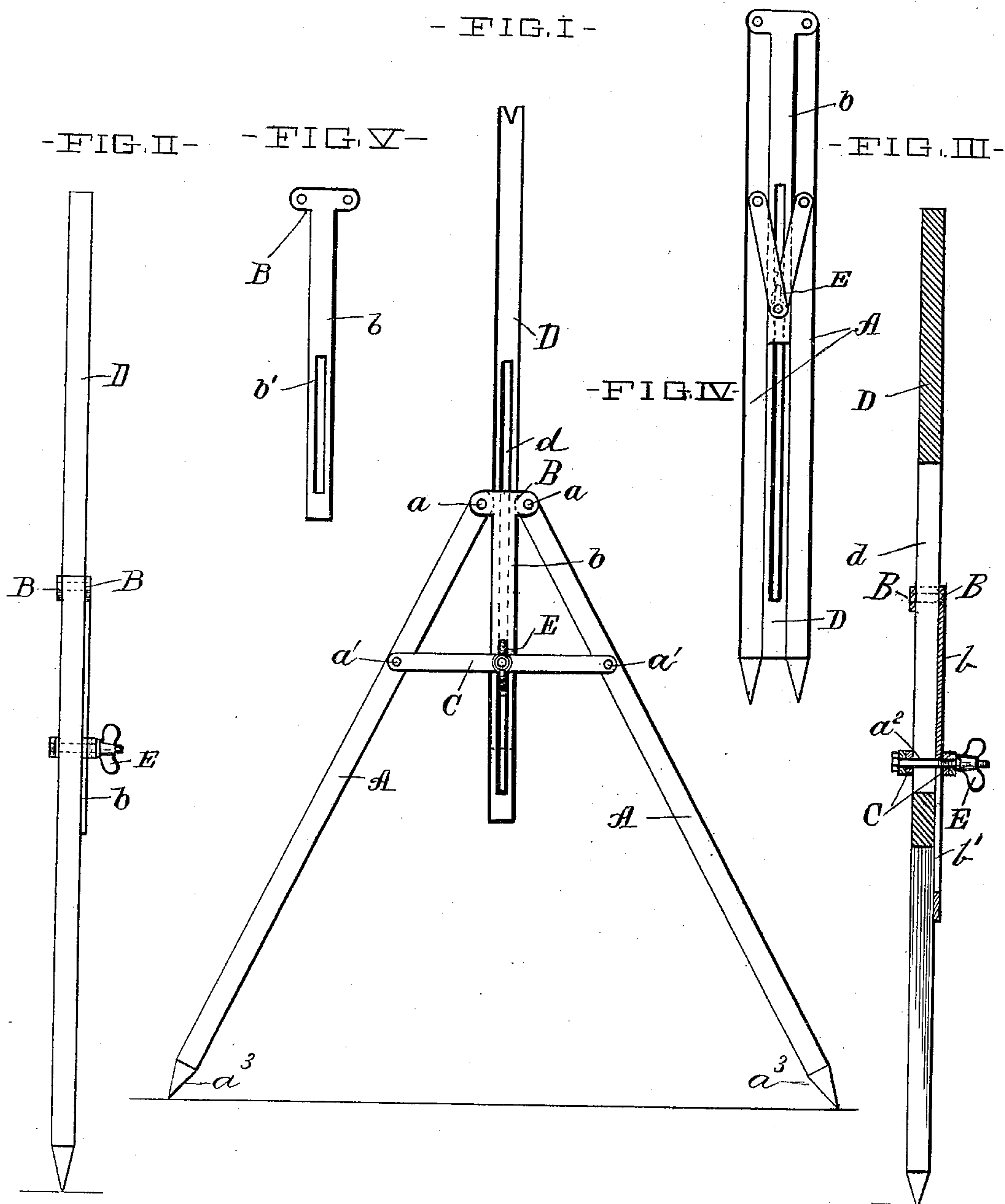
No. 621,056.

Patented Mar. 14, 1899.

D. F. FRISINGER.  
CLOTHES LINE SUPPORTER.

(Application filed Mar. 12, 1898.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

DAVID F. FRISINGER, OF COLLINWOOD, OHIO.

## CLOTHES-LINE SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 621,056, dated March 14, 1899.

Application filed March 12, 1898. Serial No. 673,575. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID F. FRISINGER, a citizen of the United States, and a resident of Collinwood, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Clothes-Line Supporters, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle so as to distinguish it from other inventions.

The annexed drawings and the following description set forth in detail certain mechanism embodying the invention, such disclosed means constituting but one of various mechanical forms in which the principle of the invention may be used.

In said annexed drawings, Figure I represents a front elevation of my improved support in an extended position. Fig. II represents a side elevation thereof. Fig. III represents a vertical central transverse cross-sectional view thereof. Fig. IV represents a front elevation thereof, illustrating it in a folded position; and Fig. V represents a detail view of one member of the support.

My improved support consists of a base comprising two legs A A, each pivoted at one end upon pins  $a$ , which are secured to two plates B B, such construction rendering the said base angularly retractable and hence extensible. An extensible brace C, consisting of two pairs of rods of equal length located on opposite sides of the legs A A, journaled at their outer ends upon pins  $a'$ , secured to each side of the said legs intermediately of the extremities thereof and journaled at their inner ends upon a bolt  $a^2$ , joins the said legs.

An upright supporting member consisting of a rod D passes loosely between the pivoted ends of the legs and between the plates B B. An elongated slot  $d$  is formed throughout the middle of the lower end of said rod D, through which passes the bolt  $a^2$ . A thumb-nut E surmounts the threaded end of the bolt and is adapted to adjustably secure the rod D to the brace.

One of the plates B is provided with an extension  $b$ , Fig. V, preferably formed integral therewith, having a central longitudinal slot  $b'$ , through which also passes the bolt  $a^2$ , the said extension being located between the

brace-rods. The rod D, it is thus seen, may be rigidly secured with respect to the said base by screwing down the nut. Suitable spikes  $a^3$  are provided at the lower end of each leg to prevent slipping.

When it is desired to place the support in position, the base is placed beneath the line to be supported, the thumb-nut is loosened, and the legs extended. The middle of the brace is thus caused to move upwardly, carrying along with it the rod D, which rests on the bolt  $a^2$  at the upper edge of the slot  $d$ . When the base is properly extended, if necessary the rod D may then be pushed upwardly to properly support the line. The thumb-nut is then tightly screwed down, rendering the base inextensible and binding the entire structure rigidly together.

When not in use, the support is folded up, the thumb-nut being first loosened, whereupon the rod falls of its own weight, resting, as before, upon the bolt  $a^2$ . The legs then being brought together, as shown in Fig. IV, the middle of the brace moves downwardly, permitting the rod D to drop farther. The slot  $d$  is of a length such that the upper edge of the rod D is in the same plane with the upper ends of the legs when in the folded position. The thumb-nut now being tightly screwed down, the whole is again rigidly bound together.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the mechanism herein disclosed, provided the means covered by any one of the following claims be employed.

I therefore particularly point out and distinctly claim as my invention—

1. A clothes-line supporter, comprising pivotally-secured legs, braces connecting said legs, and supporting them in their distended position, a vertically-adjustable rod extending downwardly between the pivoted ends of the legs, and means for clamping said rod between the braces of the legs.

2. A clothes-line supporter, comprising legs pivotally secured at their upper ends between supporting-plates, folding cross-braces connecting said legs, and a vertically-adjustable rod extending down between said supporting-plates and longitudinally slotted, in



combination with a clamping device for securing the parts together in either folded or unfolded position.

3. In a clothes-line supporter, the combination with a base comprising legs pivotally secured at their upper ends between supporting-plates, one of said plates having a longitudinally-slotted depending extension, of a vertically-adjustable rod also longitudinally  
10 slotted, and extending down between the supporting-plates, and a clamping device for securing the rod to its base.

4. In a clothes-line supporter, the combination with a base comprising legs pivotally  
15 secured at their upper ends between support-

ing-plates, one of said plates having a longitudinally-slotted depending extension, of folding braces connecting the legs below their pivots, a vertically-adjustable rod also longitudinally slotted, and extending down between said supporting-plates, and a clamping-bolt and thumb-nut for securing the parts together.

Signed by me this 27th day of January, 1898.

DAVID F. FRISINGER.

Attest:

D. T. DAVIES,  
A. E. MERKEL.