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JAMES DENTON & WHITLEY DENTON.

Improvement in Extension Clothes Poles.

No. 118,698.

Patented Sep. 5, 1871.

Fig. 1.

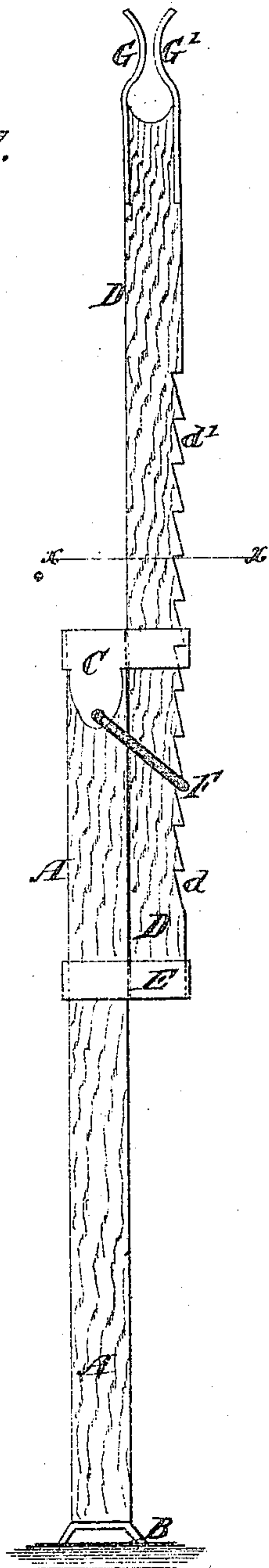


Fig. 3.

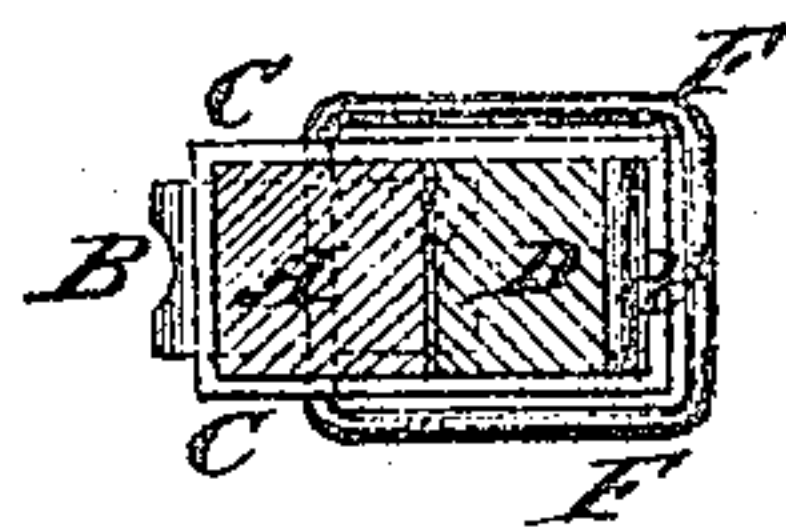
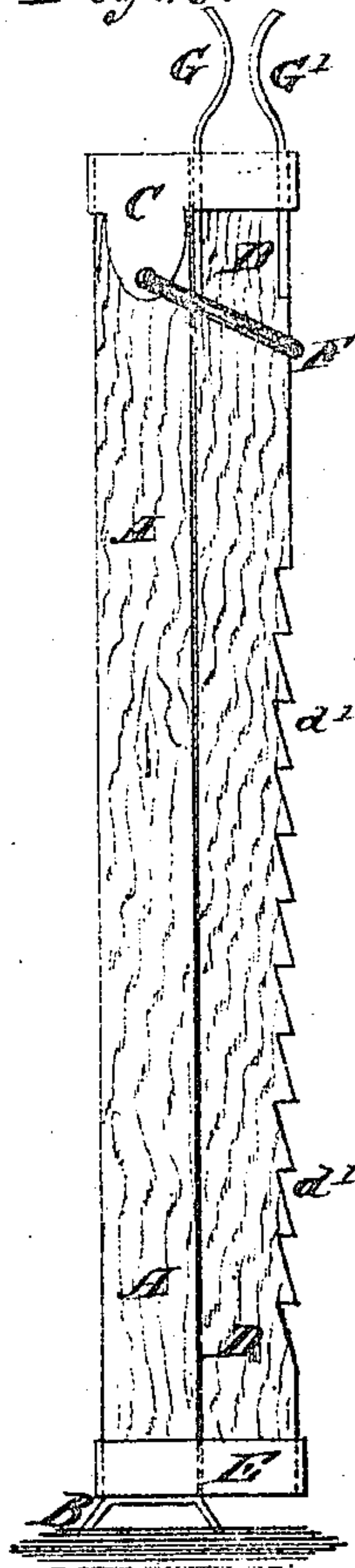


Fig. 2.



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# UNITED STATES PATENT OFFICE.

JAMES DENTON AND WHITLEY DENTON, OF AMSTERDAM, NEW YORK.

## IMPROVEMENT IN EXTENSION CLOTHES-POLES.

Specification forming part of Letters Patent No. 118,698, dated September 5, 1871.

*To all whom it may concern:*

Be it known that we, JAMES DENTON and WHITLEY DENTON, of Amsterdam, in the county of Montgomery and State of New York, have invented a new and useful Improvement in Extension Clothes-Pole; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side view of our improved extension clothes-pole extended. Fig. 2 is a side view of the same closed. Fig. 3 is a detail cross-section of the same taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

Our invention has for its object to furnish an improved pole for supporting a clothes-line which shall be so constructed that it may be conveniently extended or contracted to support the clothes-line at any desired elevation, and which will hold the line securely and will not slip upon the ground; and it consists in the construction and combination of the various parts, as hereinafter more fully described.

A is the lower part of the clothes-pole, to the lower end of which is attached a metallic shoe, B, the opposite ends of which are turned downward to enable it to take a firm hold upon the ground and prevent it from slipping, however much the clothes-line may be swung about by the wind. To the upper end of the lower part A is attached a band, C, which is extended upon one side to form a guide and keeper to receive the upper part D of the clothes-pole and hold it

close to the lower part A. To the lower end of the part E is attached a barrel, E, one side of which is extended to form a guide and keeper to receive the part A of the clothes-pole and keep the two parts A D of said pole close together at all times. To lugs formed upon the band or keeper C are pivoted the ends of the loop or stirrup F, through which the part D passes, and which catches upon the rack-teeth or notches *d'* formed upon the outer side of the upper part D to support said part, however much or little it may be extended. The upper end of the upper part D of the clothes-pole is notched to receive the clothes-line, and to the opposite sides of said notched upper end are attached the lower ends of two spring-bars, G, the upper parts of which are bent inward and their upper ends are bent outward, as shown in Figs. 1 and 2. By this construction the upper end of the part D can be conveniently applied to the clothes-line, and when applied will hold the line securely so that it cannot be blown out, however much it may be blown about by the wind.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

An improved extension clothes-pole, formed by the combination of the part A, foot B, guide or keeper C, part D, loop or stirrup F, teeth *d'*, guide or keeper E, and elastic bars G with each other, substantially as herein shown and described, and for the purpose set forth.

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