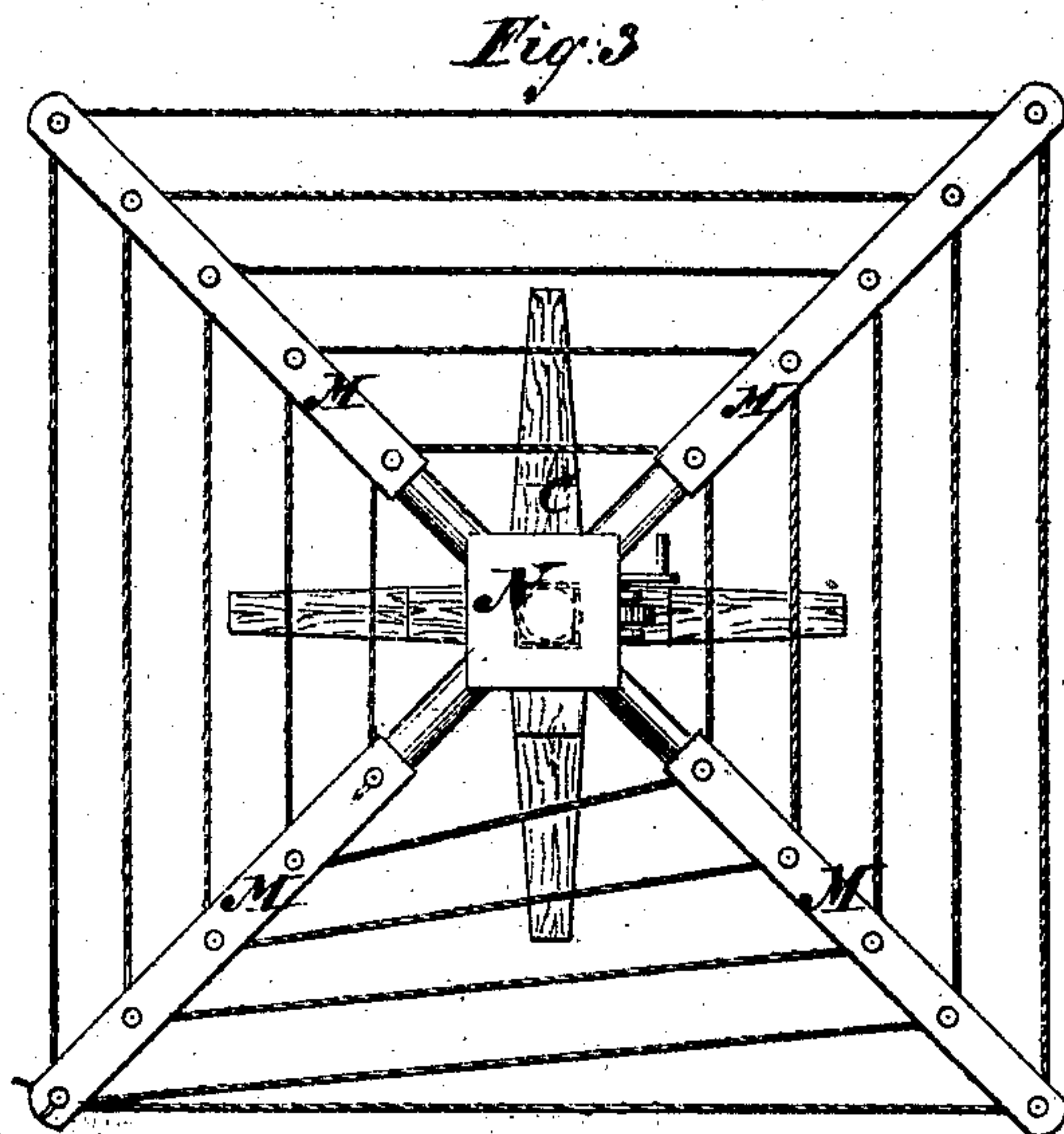
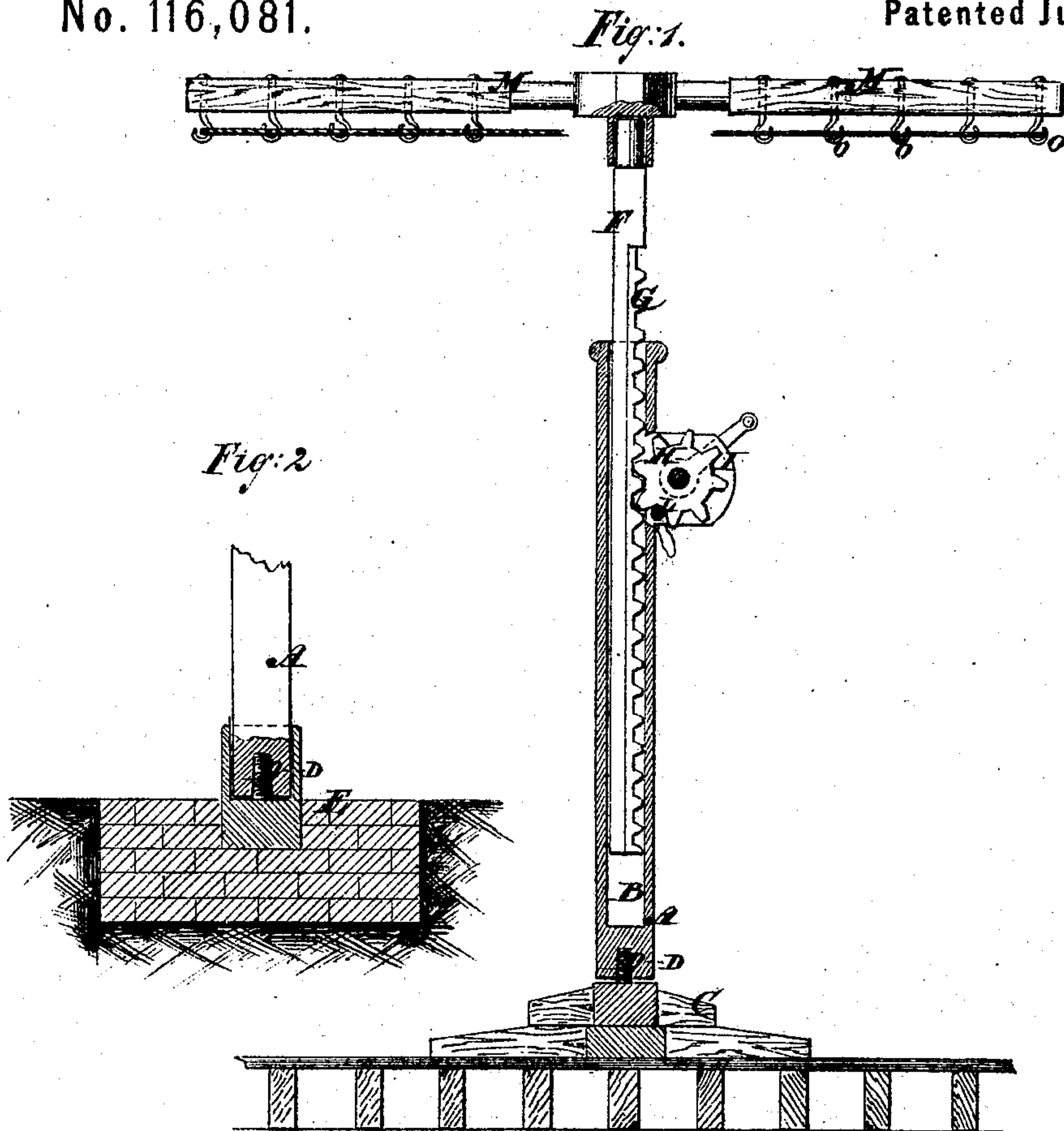


JOHN F. MULLOWNY.

Improvement in Clothes-Driers.

No. 116,081.

Patented June 20, 1871.



Witnesses:

*C. Praetig*  
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PER

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# UNITED STATES PATENT OFFICE.

JOHN F. MULLOWNY, OF PITTSBURG, PENNSYLVANIA.

## IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 116,081, dated June 20, 1871.

*To all whom it may concern:*

Be it known that I, JOHN F. MULLOWNY, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and improved Clothes-Line Frame; and I 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.

This invention relates to improvements in clothes-line frames; and it consists in a telescopic extension staff carrying the line-supporting arms fitted to a base suited for supporting it on the house-floor and another adapted for supporting it on the ground, and having a toothed rack and pinion for raising and lowering it, all as hereinafter described.

Figure 1 is a sectional elevation of the improved clothes-line holder, and the base adapted for use on the house-floor. Fig. 2 is a section of the base adapted for supporting it on the ground; and Fig. 3 is a top view.

Similar letters of reference indicate corresponding parts.

A is the lower section of the extension staff. It has a long socket, B, extending from a point a short distance from the bottom to the top, and a screw-threaded socket in the lower end for attaching to the base C by screwing down upon the screw D. F is the upper part of the staff. It is fitted in the socket B snugly for working up and down, and has cog-teeth G on one side, gearing with a pinion, H, mounted in brackets I, attached to A, and having a hand-crank, K, for turning it, to raise or lower the staff. The pinion is locked, to hold the staff in any required position, by the pin L

passing through the brackets and between the teeth. The radial arms M, for supporting the line, are mounted on the top of the part F of the staff, being inserted in the cast-metal cup N; but they may be connected in any approved way. These arms carry hooks O on the under sides, by which the cord is suspended, as shown in the drawing, being wound spirally from the center outward. The base E, for supporting the staff upon the ground, may be made of wood, brick, or stone, and sunk in the ground flush with the surface, or thereabout. It is provided with a socketed step, P, for reception of the staff A, and said step has a screw, D, for screwing the staff down upon it as it is screwed upon stand C. I may employ a pawl-lever for holding the part F of the staff up, instead of the locking-pin, said pawl-lever engaging with the teeth of the rack-bar, and having a spring applied to it in a way to keep it engaged with the teeth when not disengaged to let the bar down. In some respects this arrangement will be better than the locking-pin, and I propose to use it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The telescopic extension staff having long socket B and threaded socket below it, combined with the movable rack-staff F G, carrying-arms M, and the base C, having screw D, all constructed, arranged, and applied together as and for the purpose specified.

JNO. F. MULLOWNY.

Witnesses:

JEROME SHEAFFER,  
EDW. S. NORTON.