OBADIAH S. SMITH & CLARK R. HOPKINS.

Improvement in Clothes Driers.

No. 121,208. Patented Nov. 21, 1871.

Fig. 1.

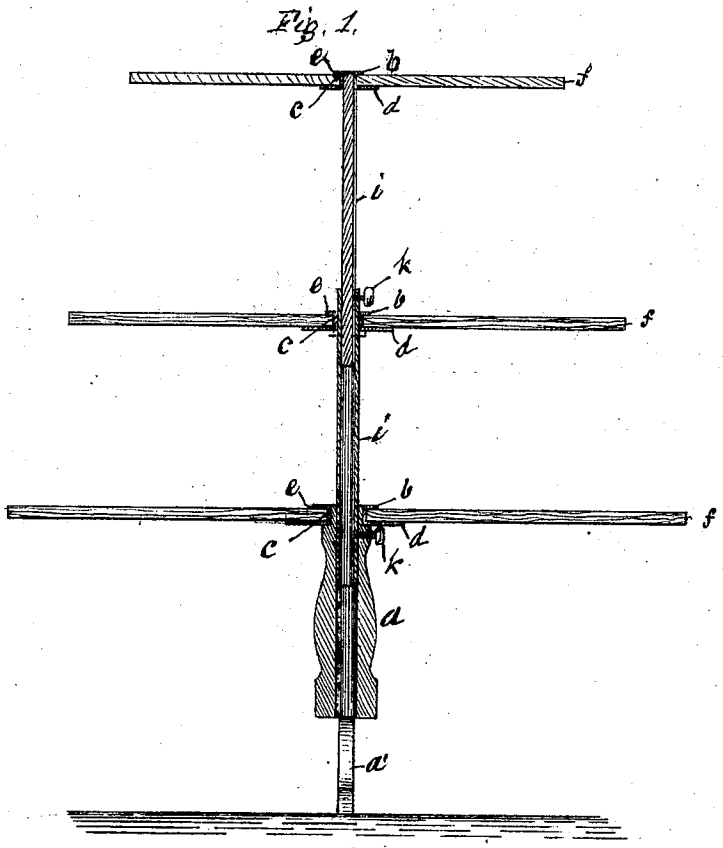
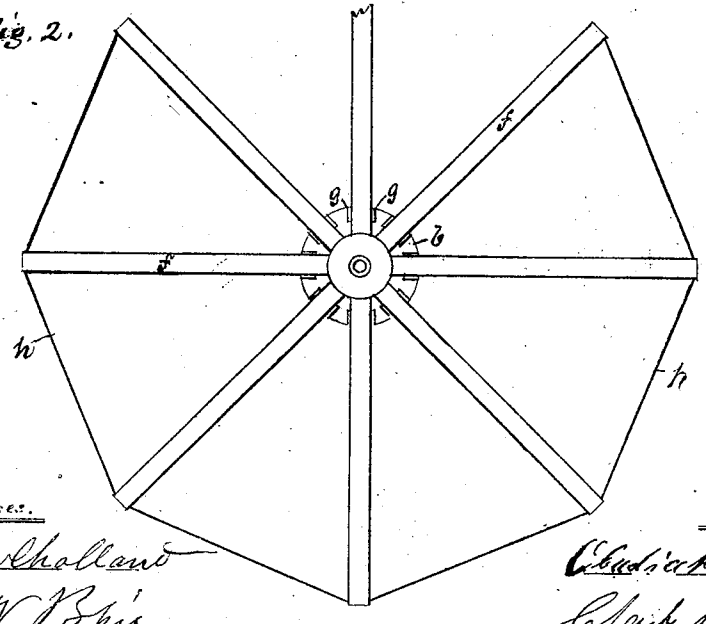


Fig. 2.



Witnesses.

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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

OBADIAH S. SMITH AND CLARK R. HOPKINS, OF MIDDLETOWN, CONNECTICUT.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 121,208, dated November 21, 1871.

To all whom it may concern:

Be it known that we, OBADIAH S. SMITH and CLARK R. HOPKINS, of Middletown, county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Extension, Adjustable, and Revolving Clothes-Frame; and to enable others skilled in the art to make and use the same, we will proceed to describe, referring to the drawing, in which the same letters indicate like parts in each of the figures.

The nature of this invention consists of a stand-post supported by legs, and having vertical extension-rods, one inside of the other to allow of their being elevated to a proper or desirable height, and easily depressed closely into the body of the stand-post, and having supports to receive and hold the projecting arms in an easy detachable manner, so that the whole can be quickly put together, made ready for use, and as readily closed into a compact form to lay aside for future use.

In the accompanying drawing, Figure 1 is a sectional side elevation. Fig. 2 is a top view, showing the arm-supporting plates, the arms, and a cord around the outer ends of the arms.

a is a hollow stand-post, having legs *a'*, when in use, near the lower end of the post for supports—such legs as are in common use. *b* are flange arm supports, fitted so as to swivel on the upper end of the body of the stand-post, and on the upper end of each of its extensions. These flanges consist of a tubular washer, *c*, having a broad flange, *d*, on its lower end and a narrow flange, *e*, on its upper end, of the proper distance between the flanges to receive the end of the supporting arms *f*. The upper side of the lower broad flange is provided with guide-brackets *g* of the proper distance apart to receive and firmly steady the arms in place. The arms *f* are held firmly in their place and prevented from disengaging from the flange supports by means of the cord *h*, which passes around the outer ends of or at intervals upon pins placed at different points upon the upper edge of these arms. The extension-rods or tubes *i*, when elevated to their desired height, are held firmly in place by means of set-screws *k*. Now, it will be seen that these extension-rods or tubes can be elevated and secured at any desirable point, and the arm supports secured and swivel upon the upper end of the body of the stand, and upon each of the extension-rods or tubes. The arms being inserted in their proper place and the clothes-line secured thereto in any of the common ways, it, the clothes-drier, will be in readiness for use; and when no longer wanted, by removing the line, withdrawing the arms, and compressing the extensions, it will be reduced to a very compact form for setting aside for further use.

What we claim therefore, and desire to secure by Letters Patent, is—

The stand *a*, adjustable extension-tubes *i*, swivel-flange supports *b*, arms *f*, substantially as and for the purpose set forth.

OBADIAH S. SMITH.
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Witnesses:
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