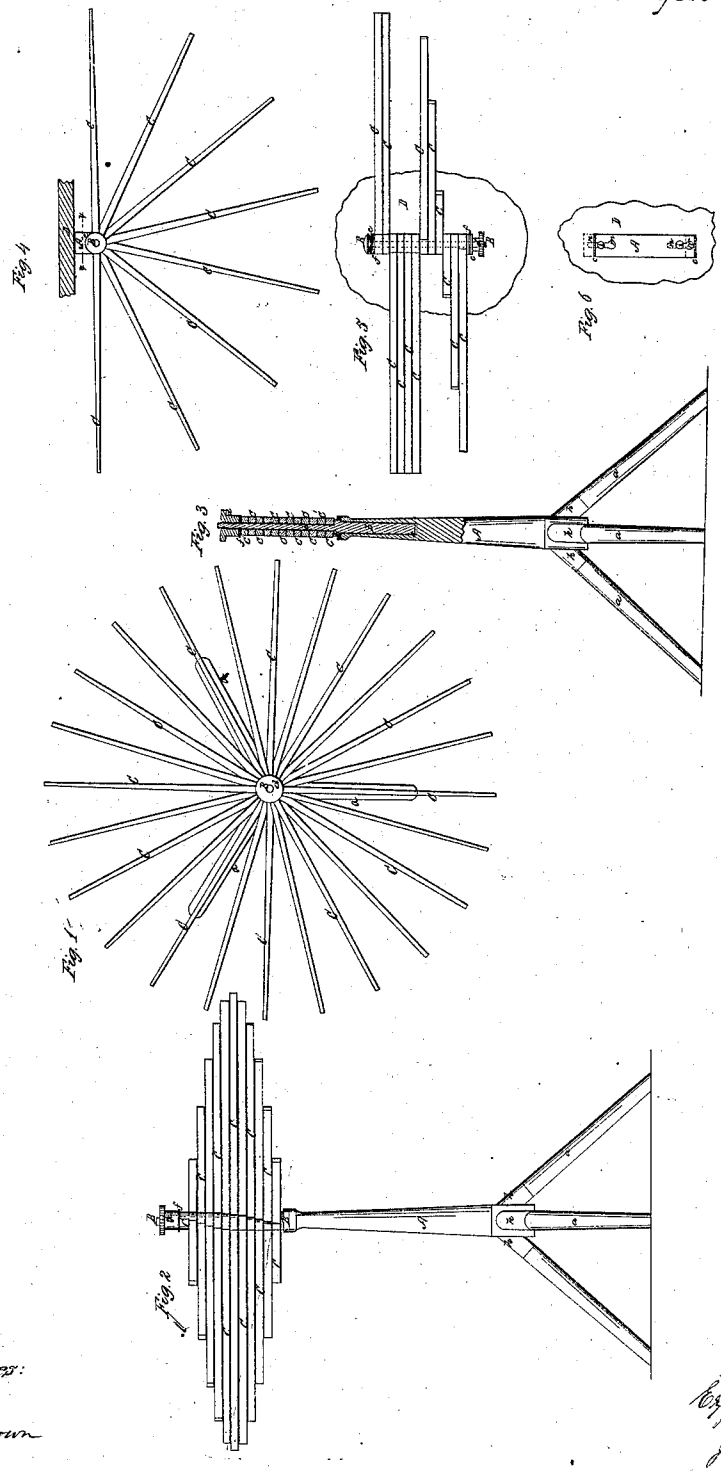
E. Buss,

Clothes Drier,

No. 31,868. Patented Apr. 2, 1861.



Witnesses:
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UNITED STATES PATENT OFFICE.

EZRA BUSS, OF YELLOW SPRINGS, OHIO.

CLOTHES-DRIER.

Specification of Letters Patent No. 31,868, dated April 2, 1861.

To all whom it may concern:

Be it known that I, EZRA BUSS, of Yellow Springs, in the county of Greene and State of Ohio, have invented a new and Improved Clothes-Drier; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a top view of the clothes drier, arranged for use; Fig. 2, a side view thereof; Fig. 3, a central vertical section of a portion of the same, the remainder being shown in elevation.

Like letters designate corresponding parts in all the figures.

For general use, a fixed, or movable, stand A, Figs. 1, 2, and 3,) may be employed; the central shaft thereof being conveniently supported on legs *a*, *a*, *a*, inserted into sockets *h*, *h*, *h*, substantially as shown.

The clothes or other articles are to be supported or suspended on horizontal arms C, C, as many as can conveniently occupy the complete circle as in Fig. 1. The size, form, and material of the arms, may be such, or varied, as desired. Each arm has a pivot eye, to pass over a spindle B, on which all are to turn; and all the arms are strung together, in contact with each other, on said spindle, substantially as shown. The spindle B, has a shoulder *g*, for one outer arm C, to bear against, and a nut *d*, passing over a screw-thread, for the purpose of tightening against the other outer arm, substantially as shown in Fig. 3. A washer F, may be inserted between the nut *d*, and adjacent arm C, to protect the wood from wear and abrasion. The spindle B, is provided with a pivot shank *b*, (Fig. 3,) fitting into the socket C, of the support A, so as to allow the spindle B, bearing all the arms C, C, to turn freely together, on their support, while by loosening the nut *d*, the arms C, C, may be arranged in any position in relation to each other; and some be removed, or others added, within certain limits, if desired. Thus, by this improved construction and arrangement, I am enabled to effect the adjustment of the arms among themselves entirely independent of the turning of all in the support or stand; and on the other hand, the whole may be turned around at pleasure, without disturbing, or being in the least impeded by, the arranging and securing of the arms in any desired relative position.

To enumerate a few of the advantages of this arrangement, suppose, first, that there are many articles to be dried or aired; then all the arms may be arranged at equal distances apart, around the whole circle, as in Fig. 1, and clamped in those positions; so that they can be turned around, as desired, in the stand or support A, without disturbing the clothes. Then suppose that there are a few articles, too heavy for the single arms to support, among other, lighter articles:—any number of arms may be placed one directly over the other to support such heavy articles, while the remaining arms are arranged singly. When once clamped in such positions, or any other, it is readily seen that they will remain fixed thus, however much the whole may be turned around in the support A. Again, suppose some articles are small and light, while others are long or bulky, then the upper arms for holding the larger articles are selected and also arranged at greater distances apart than the arms for the smaller articles. Finally, when the clothes drier is not in use, all the arms may be arranged close together, and clamped in that position for easy handling and compactly storing away. These and other advantages of the above described construction and arrangement, are either incapable of being effected, or only imperfectly so, by any other clothes drier known to the inventor.

By having fixed posts, or supports A, Figs. 1, 2, and 3, in different places, or by having one movable one, with legs, as shown, the clothes drier may readily be shifted about to any different places, whenever desired.

I do not claim the arrangement of movable radial arms on a common spindle, nor do I claim such an arrangement as will allow them to be turned singly or together into any required position; but

What I claim as my invention and desire to secure by Letters Patent, is—

The arrangement of the arms C, C, upon a spindle B, which turns freely in a suitable support A, in combination with a tightening

and loosening screw *d*, or its equivalent, for placing and securing the arms in any desired relative position, independently of the movement of the spindle in the support, substantially as and for the purpose herein specified.

In witness that the above is a true specification of my improved clothes drier, I hereunto set my hand, this 15th day of December 1860.

EZRA BUSS.

Witnesses:
JULIUS CONE,
S. M. BUSS.