

Nov. 18, 1924.

W. E. GORDON

1,516,091

CLOTHES DRIER

Filed Jan. 31, 1924

Fig. 1.

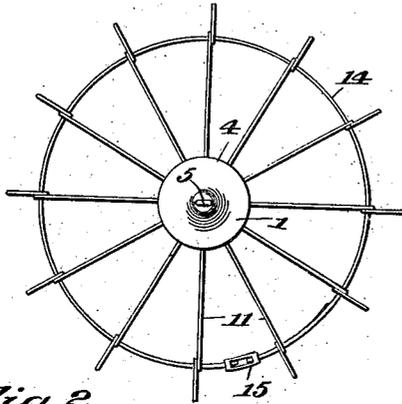


Fig. 4.

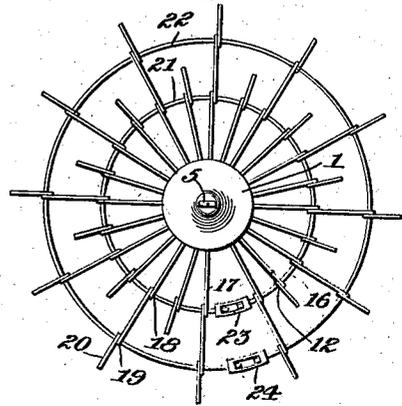


Fig. 2.

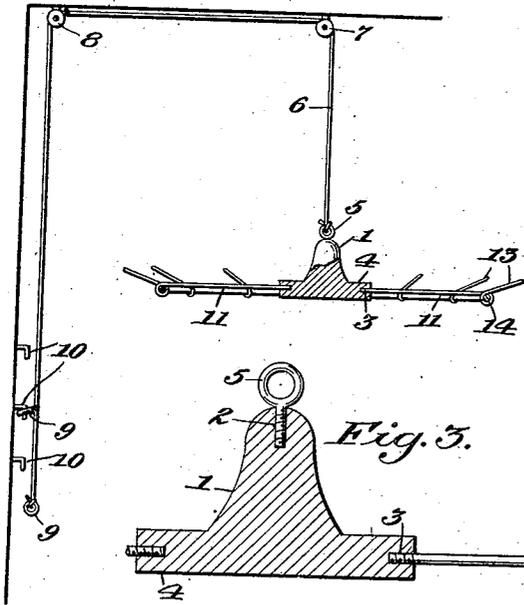


Fig. 5.

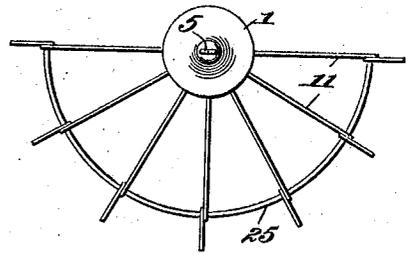
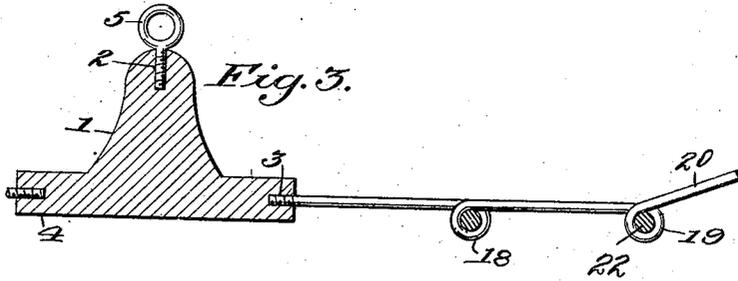


Fig. 3.



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# UNITED STATES PATENT OFFICE.

WILLIAM E. GORDON, OF GERRARDSTOWN, WEST VIRGINIA.

## CLOTHES DRIER.

Application filed January 31, 1924. Serial No. 689,731.

*To all whom it may concern:*

Be it known that I, WILLIAM E. GORDON, a citizen of the United States of America, residing at Gerrardstown, in the county of Berkeley and State of West Virginia, have invented certain new and useful Improvements in Clothes Driers, of which the following is a specification.

My invention relates to an improvement in clothes driers and has for one of its objects to provide a drier which can be used in a small space and can be elevated to a position out of the way during the drying operation or when not in use.

Another object of my invention is to reduce the cost of manufacture of devices of the class described by providing a drier constructed of a minimum number of parts.

A further object of my invention is to provide a drier which is easily disassembled for shipment and readily assembled and which when disassembled occupies a small space.

Further objects will appear hereinafter throughout the specification.

The present improvements are illustrated in the accompanying drawings, wherein:—

Figure 1 is a top view of one form of the drier;

Figure 2 is a perspective view partly in section of the drier illustrated in Figure 1 suspended by a rope and pulleys ready for use;

Figure 3 is a detail view partly in section of the device illustrated in Figure 4;

Figure 4 is a top view of a modification of my invention, and,

Figure 5 is a top view of another modification.

Referring to Figures 1, 2, and 3, 1 indicates a hub or holder having a screw threaded hole 2 in its top and a series of screw threaded holes 3 in its rim 4.

Screwed into the hole 2 is a ring 5 for supporting the hub 1. Preferably a rope 6 is attached to the ring 5, the same being supported on pulleys 7 and 8 and having rings 9 attached to its other ends by which the rope and drier may be held by any one of a series of hooks 10 at any desired height from the floor.

Screwed into the holes 3 of the hub 1 are a series of spokes 11 having eye portions 12 and turned up portions 13.

A circular member 14 is threaded through each eye portion 12 and has its ends connected preferably by a turnbuckle 15.

The hub of the drier illustrated in Figure 4 is the same as that illustrated in the preceding figures except that there are twice the number of screw holes 3 bored in the rim of the same. Screwed alternately in holes 3 are two series of spokes 16 and 17, the spokes 16 being constructed the same as spokes 11 as shown in Figures 1 to 3, and spokes 17 each having two eye portions 18 and 19 and a turned up portion 20. Two circular members 21 and 22 are provided having turnbuckles 23 and 24 connecting their respective ends. The rim 22 is threaded only through the eyes 19 of spokes 17 while the rim 21 is threaded through the eyes 18 of spokes 17 and eyes 12 of spokes 16.

The device illustrated in Figure 5 is the same as that shown in Figures 1 and 2 except that only half the number of spokes 11 are used. A semicircular member 25 is provided which extends only half way around the hub 1. The construction illustrated in Figure 5 is especially advantageous where there is only a small space in which the drier may be hung.

The drier illustrated in the above figures may be easily dismantled by simply loosening the turnbuckle member 23 and 24 and withdrawing the circular members from the eye portions of the spokes, after which the spokes are unscrewed from the hub the whole being packed thereafter for shipment in any suitable container. The turned up extensions 13 of the spokes are of especial value for drying small articles such as children's mittens and socks.

The turned up portions 13 provide ready access to the main portion of the spoke members 11 without disturbing the smaller articles of clothing which have been placed on the turned up end portions 13.

The hub portion is preferably constructed of cast iron but may be constructed of wood or other suitable material. The spoke portions and circular members are preferably constructed of galvanized wire to prevent rust, but they also may be constructed of any material which will be suitable for the purpose.

The device illustrated in Figure 4 is intended to be used where there are a large number of articles to be dried and the articles are of different sizes such as the wash of a large family. The spokes of different lengths alternately arranged and having turned up end portions permit the maximum

number of articles to be dried in a small space without any article coming in contact with any other article.

5 I claim is:

1. A clothes drier consisting of a hub having a rim portion, of a series of screw threaded holes arranged around the periphery of said rim portion, of a series of spokes screwed  
10 in said holes each of the said spokes consisting of a horizontal portion, an eye portion and a portion extending at an oblique angle to the said horizontal portion, and a circular member threaded through each eye portion  
15 of said spokes.

2. A clothes drier having a hub, a series of

spokes of different lengths and alternately arranged around the said hub and attached thereto, the longer of said spokes having a horizontal portion, two eye portions one in  
20 the center and the other at the terminal of the horizontal portion and a turned up portion beyond said eye portions, the shorter of said spokes having a horizontal portion one eye portion and a turned up portion and a  
25 number of circular members threaded through the said eye portions, and means for joining the ends of the circular members together.

In testimony whereof I affix my signature  
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WILLIAM E. GORDON.