

No. 882,960.

PATENTED MAR. 24, 1908.

M. P. PETERSON.
CLOTHES DRIER.

APPLICATION FILED DEC. 2, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

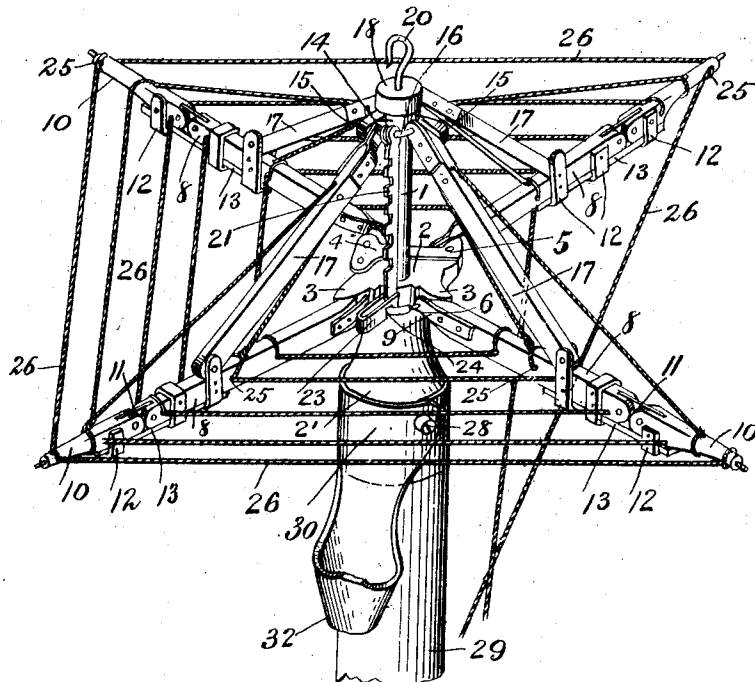
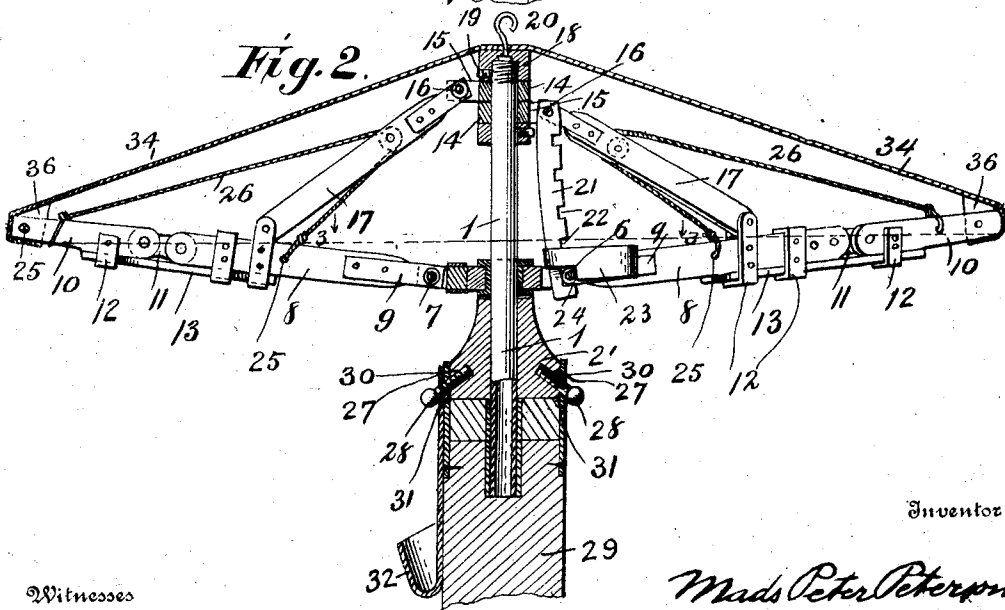


Fig. 2.



Inventor

Mads Peter Peterson

Witnesses

F. L. Curran
L. L. Burkett

No. 882,960.

PATENTED MAR. 24, 1908.

M. P. PETERSON.
CLOTHES DRIER.

APPLICATION FILED DEC. 2, 1905.

2 SHEETS—SHEET 2.

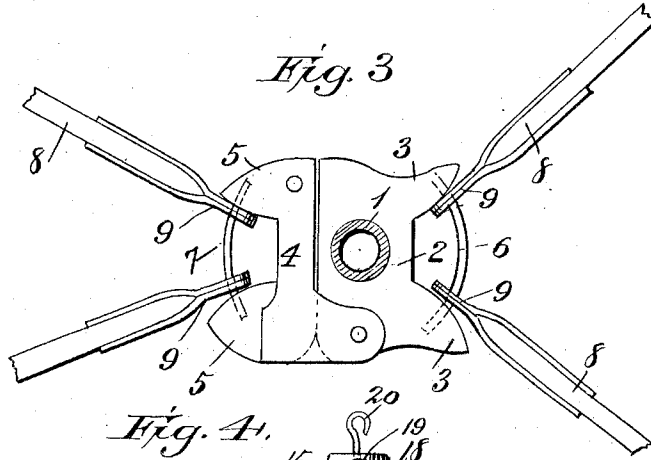
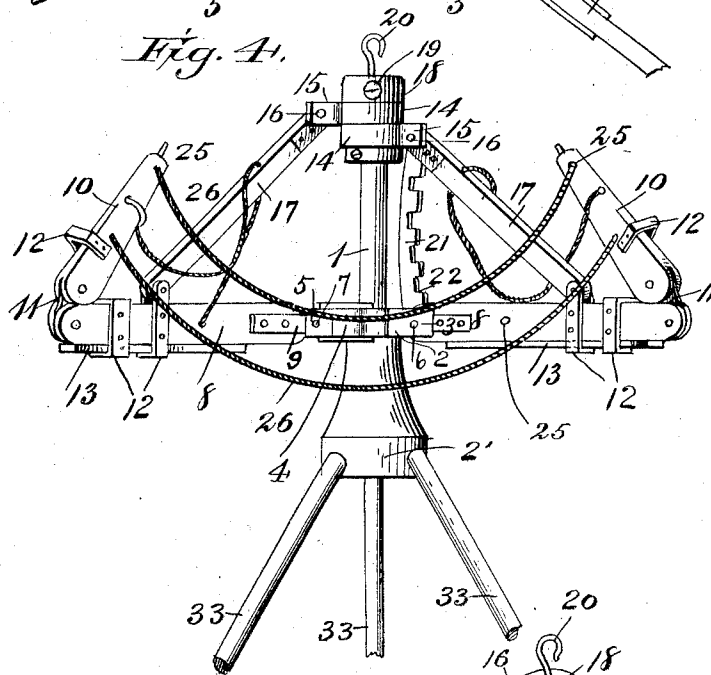
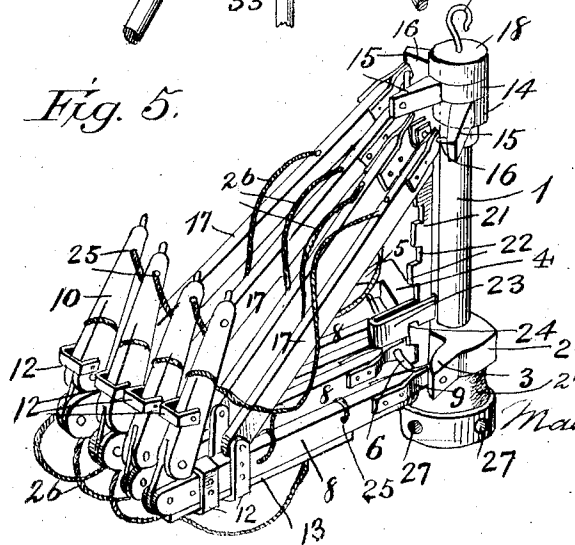


Fig. 5



Witnesses
H. L. Orsmond
L. L. Buckner

Inventor

Mads Peter Peterson

UNITED STATES PATENT OFFICE.

MADS PETER PETERSON, OF EASTLAKE, MICHIGAN.

CLOTHES-DRIER.

No. 882,960.

Specification of Letters Patent.

Patented March 24, 1908.

Application filed December 2, 1905. Serial No. 289,970.

To all whom it may concern:

Be it known that I, MADS PETER PETERSON, citizen of the United States, residing at Eastlake, in the county of Manistee and State of Michigan, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification.

This invention relates to clothes driers; and it has among its objects to provide a device of this class which shall be simple in construction and efficient in operation and which shall be capable of being extended and supported in an elevated position upon a post or upright for outdoor use and which may, when desired, be collapsed to a condition in which it will occupy less space so that it may be conveniently used indoors for the purpose of supporting clothes to be dried. Said device is furthermore so constructed that it may be folded into small compass for storage and shipment.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter described and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention; it being however understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the invention may be made when desired.

In the drawings—Figure 1 is a perspective view showing the device extended and ready for use. Fig. 2 is a vertical sectional view. Fig. 3 is a horizontal sectional view taken on the plane indicated by the line 3—3 in Fig. 2; the notched locking bar 21 and related parts being omitted. Fig. 4 is a side view showing the device partly collapsed and supported upon legs for indoor use. Fig. 5 is a perspective view showing the device folded.

Corresponding parts in the several figures are designated by like characters of reference.

In the construction of the improved device there is preferably employed an upright 1 consisting of a metal pipe of suitable dimensions, said pipe being embedded in and extended through a hub 2'. Slidably mounted upon the upright 1 is a block 2 provided with diverging lugs 3—3 and hingedly connected with the block 2 is a member 4 provided with

diverging lugs 5—5. The lugs 3—3 and 5—5 respectively are connected by rods 6 and 7 which serve for the attachment of the outwardly extending arms 8—8, the latter being provided at their inner ends with perforated ears or lugs 9 engaging the rods 6 and 7 with which said arms are thus hingedly connected. Each of the arms 8 is provided with a foldable extension member 10 connected with the outer end thereof as by means of a link 11; the arms 8 and the extension members 10 are provided on their under sides with keepers 12 for the reception of latch bars 13 whereby the members 10 may be supported in extended position; it being obvious that when the latch members are withdrawn the members 10 may be folded upon the arms 8 as will be best seen by reference to Fig. 5.

Supported slidably upon the upright 1, near the outer end of the latter, are a pair of sleeves 14 each provided with diverging lugs 15 connected by a rod 16 upon which are hingedly mounted brace members 17 the free ends of which are hingedly connected with the arms 8. The sleeves 14 are retained upon the upright 1 by means of a cap 18 threaded upon the upright and secured against displacement by means of a set-screw 19. The cap 18 is provided with a swiveled hook 20 whereby it may be suspended in position for operating when desired.

Connected with the rod 16 of one of the sleeves 14 is a depending bar 21 having a plurality of notches 22 within one of which the rod 6 of the block 2 may be placed in engagement when said block is moved vertically upon the upright 1; by this means the said block may be retained securely at various adjustments. The notched bar 21 is provided with a sleeve 23 slidably supported thereon and having a notch 24; this sleeve may be adjusted so that the hook 24 shall catch over the rod 6 of the member 2, thus serving to hold the latter securely in engagement with the notched bar 21 and positively preventing accidental displacement of the parts.

The arms 8 and their extension members 10 are preferably provided with perforations 25 through which lines 26 may be strung; said lines being arranged and tightened in any suitable and convenient manner. It will be seen that by tightening and securing the lines the arms will be retained in extended position as shown in Fig. 1 of the drawings.

The hub 2' is provided near its lower edge with interiorly screw-threaded recesses 27 for the reception of threaded plugs 28 whereby the said hub may be secured in position upon the post 29 which is provided at its upper edge with a flange 30 having aperture 31 for the passage of the plugs 28. The latter may also be used to support in position a receptacle 32 suitably constructed of sheet metal or other suitable material for the reception of clothes pins. When it is desired to utilize the device for indoor use it may be readily detached from the post 29 and supported upon legs 33 which are fitted in the recesses 27 in place of the plugs 28.

When the improved device is arranged upon the post or supporting device 29 it may, when not in use as a clothes drier, be utilized to support a canopy or cover, as 34 of canvas or other suitable material, provided at its corners with pockets 36, to receive the extremities of the arms, and it will then afford a useful shelter from the rays of the sun. This canopy may also be used in connection with the device when it is used for clothes drying purposes; especially when clothes are to be dried that would fade or otherwise suffer from exposure to rays of the sun.

As will be seen from the foregoing description this improved device is simple in construction and it is capable of being manufactured at a moderate expense. When the device is fully extended for use, the capacity thereof is considerable; by sliding or moving the block 2 in an upward direction upon the upright 1 the outer ends of the arms will be lowered, thus rendering the lines strung upon the outer ends of said arms more conveniently accessible; by again lowering the block 2, the outer ends of the arms with the lines

and clothes supported thereon will be elevated, as will be readily understood. When it is desired to fold the device for storing or shipment, the member 4 will fold outwardly from the block 2, and the arms of the device may thus be brought closely together so that the device will occupy comparatively little space.

Having thus described my invention I claim and desire to secure by Letters Patent in the United States,

1. In a clothes drier a combination with an upright, having a block slidably mounted thereon, a member hingedly connected with said block, outwardly extending arms hingedly connected with the block and with the hinged member, sleeves loosely engaging the upright, and braces hingedly connected with the sleeves and with the outwardly extending arms.

2. In a device of the class described an upright, a block slidably mounted upon said upright, a member connected with said block, lugs formed integral with said member, rods connecting said lugs, outwardly extending arms hingedly supported on said rods, sleeves engaging the upright, braces connected hingedly with the sleeves and with the outwardly extending arms, a notched bar connected with one of the sleeves and adapted to engage an arm supporting rod of the slidable block, and a sleeve slidably engaging the notched bar and having a hook member.

In testimony whereof I affix my signature in presence of two witnesses.

MADS PETER PETERSON.

Witnesses:

CHARLES R. ABBOTT,
FLOYD L. PAGGEOT.