

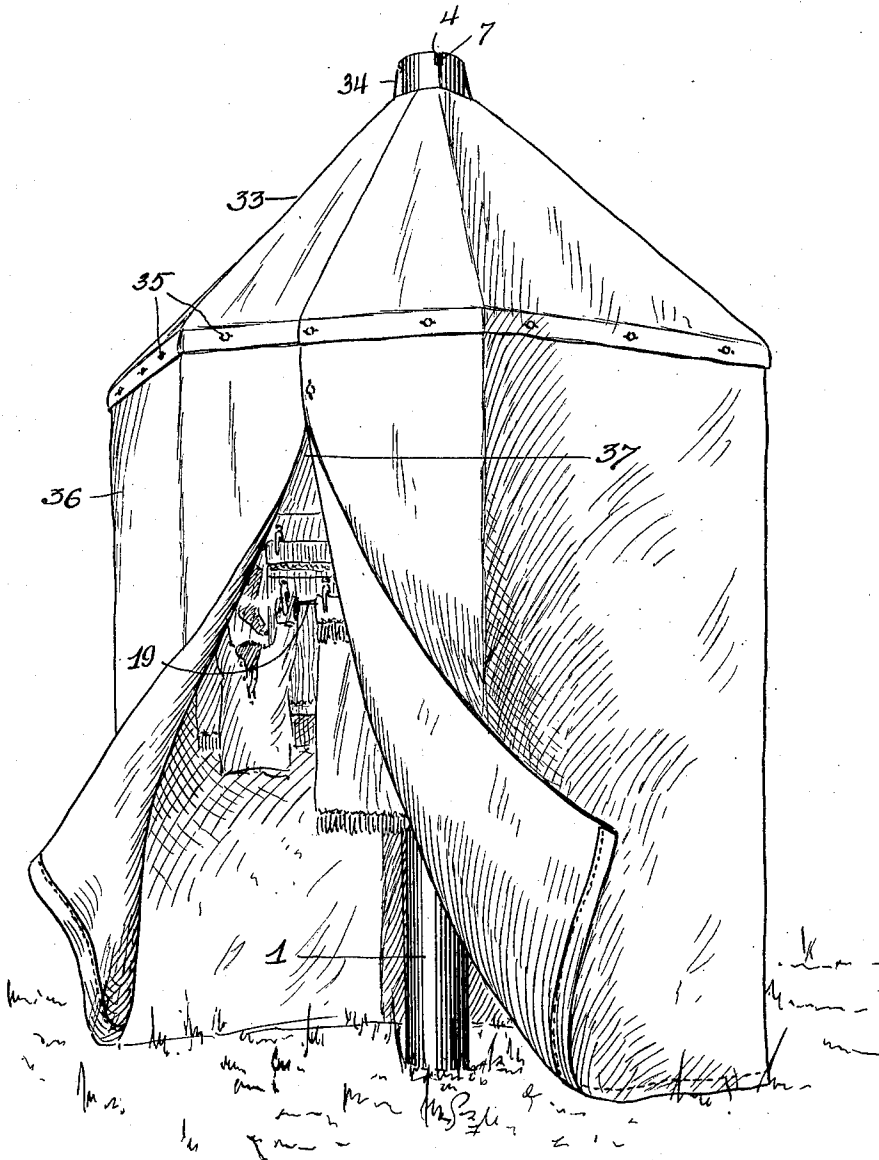
A. BUNTENBACH.
CLOTHES RACK AND DRIER.
APPLICATION FILED JAN. 16, 1911.

1,004,983.

Patented Oct. 3, 1911

2 SHEETS—SHEET 1.

Fig. 1



WITNESSES

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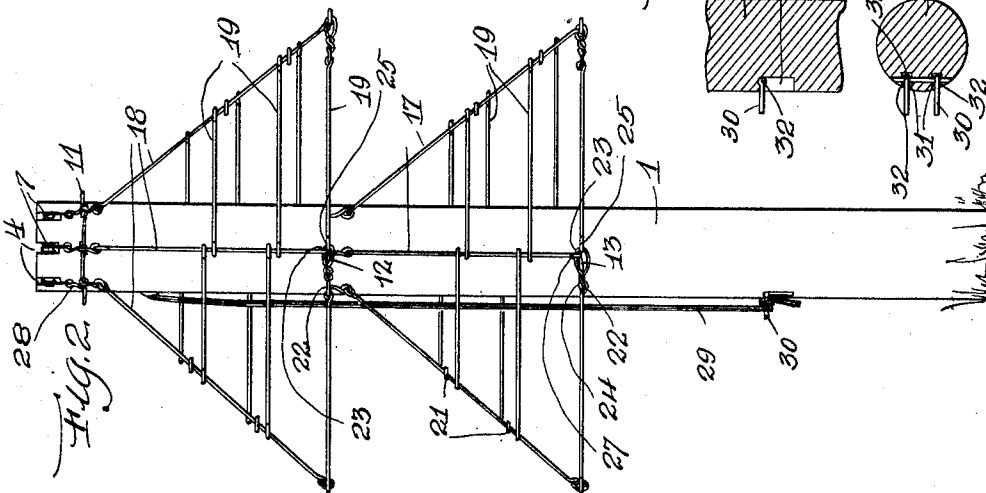
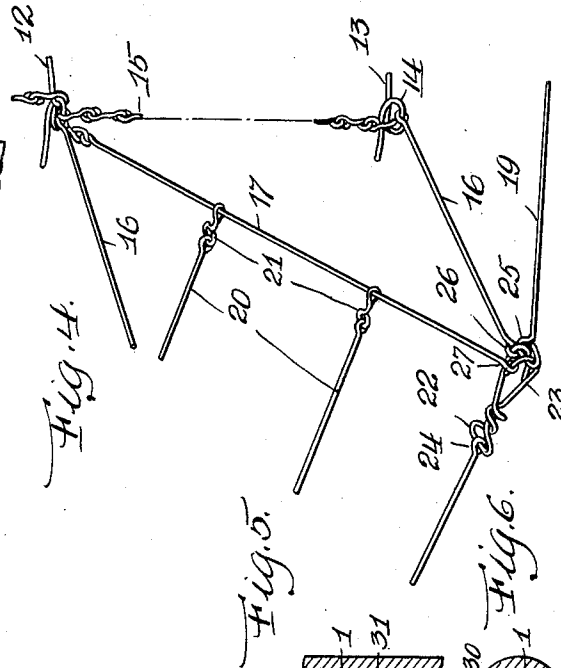
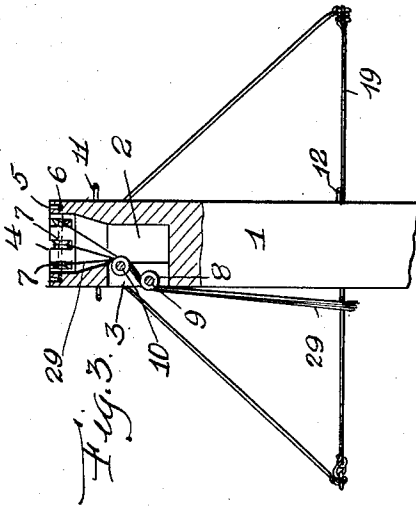
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UNITED STATES PATENT OFFICE.

AUGUST BUNTENBACH, OF UNION CITY, PENNSYLVANIA.

CLOTHES RACK AND DRIER.

1,004,983.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed January 16, 1911. Serial No. 602,894.

To all whom it may concern:

Be it known that I, AUGUST BUNTENBACH, a citizen of the United States of America, residing at Union City, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Clothes Racks and Driers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to clothes racks and driers, and the invention has for its primary object to provide an adjustable rack from which clothes can be compactly suspended and protected from the forces of nature.

Another object of the invention is to provide an out-door clothes hanger that will accommodate a large number of pieces and safely support the same, particularly during a wind storm.

A further object of the invention is to provide a rack or drier of the above type that is simple in construction, durable, free from injury by ordinary use, easy to manipulate and highly efficient for the purposes for which it is intended.

With the above and such other objects in view as may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawings, wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the structural elements thereof are susceptible to such changes as fall within the scope of the appended claims.

In the drawings:—Figure 1 is a perspective view of the clothes rack or drier provided with the canopy, Fig. 2 is a side elevation of the rack or drier with the canopy or cover removed, Fig. 3 is a vertical sectional view of a portion of the rack or drier, Fig. 4 is a perspective view of a portion of the rack or drier, Fig. 5 is a vertical sectional view of a portion of the post or mast, and Fig. 6 is a horizontal sectional view of the same.

The reference numeral 1 denotes a post or mast having the upper end thereof provided with a vertical recess 2 and a radially disposed slot 3 communicating with the lower end of the recess 2. The upper end

of the vertical recess 2 is flared and the walls thereof provided with radially disposed slots 4 and a circumferentially arranged groove 5. Located in the groove 5 is a ring 6 and revolubly mounted upon said ring and in each of the slots 4 is a grooved sheave 7.

Arranged transversely of the slot 3 are pins 8 and revolubly mounted upon said pins are grooved sheaves 9 and 10.

Movably mounted upon the post or mast 1 are a plurality of rings 11, 12 and 13, said rings being identical in construction and each having a plurality of radially disposed eyelets 14. The vertically alining eyelets 14 of the rings 11 to 13 inclusive are connected by a plurality of vertical chains or cables 15, and the eyelets 14 of the rings 12 and 13 are provided with radially disposed beams 16, the outer ends of the beams 16 of the ring 13 being connected to the eyelets 14 of the ring 12 by angularly disposed hangers 17, and the beams 16 of the ring 12 to the ring 11 by angularly disposed hangers 18. The hangers 17 and 18 converge to the rings 12 and 11 respectively and upon the hangers 17 and 18 are arranged a plurality of supporting rods 19 and 20, the rods 19 varying in length, the rod of the greatest length being located at the outer ends of the beams 16 and the other rods being equally spaced and gradually decreasing in length toward the upper ends of the hangers 17 and 18. The ends of the rods 20 are provided with snap hooks 21, whereby these rods can be detached to permit of easy access being had to the rings 11 and 12 when assembling the parts of the rack or drier.

To connect the outer ends of the beams 16, hangers 17 and the outer rods 19 a double eye is used, comprising a loop 22 and a hook-shaped member 23, the loop 22 being connected to the eye 24 at one end of the rod 19, and the eye 25 of another rod 19 to the hook-shaped member 23, the hook-shaped member also being connected to the eyes 26 and 27 of the beams 16 and the hangers 17 respectively, this construction being best shown in Fig. 4 of the drawings.

The upper ring 11 is connected by a plurality of hooks 28 to a plurality of cables 29, said cables passing upwardly over the grooved sheaves 7, downwardly in the recess 2, under the sheave 10 and over the sheave 9, the cables extending downwardly

to a point in proximity to the bottom of the post or mast 1, the cables being detachably connected to pivoted arms 30 having the inner ends thereof extending into slots 31 and pivotally mounted upon a pin 32 arranged transversely of said slots, the slots 31 allowing the pivoted arms 30 to be swung inwardly within the post, when not in use, thereby preventing clothes from being torn when contacting with the same.

From the foregoing it will be observed that the rack or drier comprises two superimposed frusto-pyramidal-shaped frames from which a large number of pieces of clothing can be suspended. The frames are preferably constructed of light and durable non-corrosive wire or rigid rods, and through the medium of the cables 29 the frames can be easily raised and lowered upon the post or mast 1.

To protect clothes suspended from the rack from rain and the forces of nature that would tend to injure the same and prevent the clothes from drying, I have provided a canopy comprising a pyramidal-shaped top piece 33 having a central opening 34 to provide clearance for the upper end of the post or mast 1. This top piece has the lower edges thereof provided with buttons, hooks or other hold-fast devices 35 and secured to the hold-fast devices are the upper edges of a canopy or cover 36, the canopy or cover having a slitted side 37 which can be closed by hold-fast devices, the slitted side permitting of easy access being had to the rack upon the interior of the canopy. The canopy conforms to a tent and is made of strong and durable canvas or waterproof material.

What I claim is:—

1. A clothes drier comprising a mast having its upper portion provided with a vertical recess and a radially-disposed slot 3, said mast having its top formed with an annular groove and with a series of radially-disposed slots 4, opening into the groove and into said recess, a ring located in said

groove, a series of sheaves 7 arranged in the slots 4 and mounted upon said ring, pins arranged in said slot 3, one above the other, grooved sheaves 9 and 10 mounted upon each of said pins, vertically-movable superimposed connected frames surrounding said posts, a series of cables connected to the upper end of the upper of said frames, extending over said sheaves 7 into said recess, projecting outwardly from the mast through said slot 3 and engaging the said sheaves 9 and 10, and means for connecting the lower ends of said cables to said mast.

2. A clothes drier comprising a mast, a series of superposed rings mounted upon said mast and provided with eyes, means connected to certain of the eyes of said rings for coupling said rings together, means connected to the upper of said rings for elevating and lowering the rings in unison, superimposed truncated cone-shaped frames each connected at its upper and at its lower end to a pair of said rings, and each of said frames provided with removable rods to permit of access to be had to certain of said rings.

3. A clothes rack comprising a mast, a series of superimposed rings mounted thereon, cables for connecting the rings together, superimposed frames attached to said rings, each of said frames including removable bars to permit of access being had to the rings, said rings loosely surrounding said mast, cables connected to the upper of said rings for elevating the frames, said cables extending into the upper portion of the mast and projecting from the mast at a point removed from the top thereof, and means for connecting the lower ends of the cables to the mast.

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

AUGUST BUNTENBACH.

Witnesses:

MAX H. SROLOVITZ,
K. H. BUTLER.