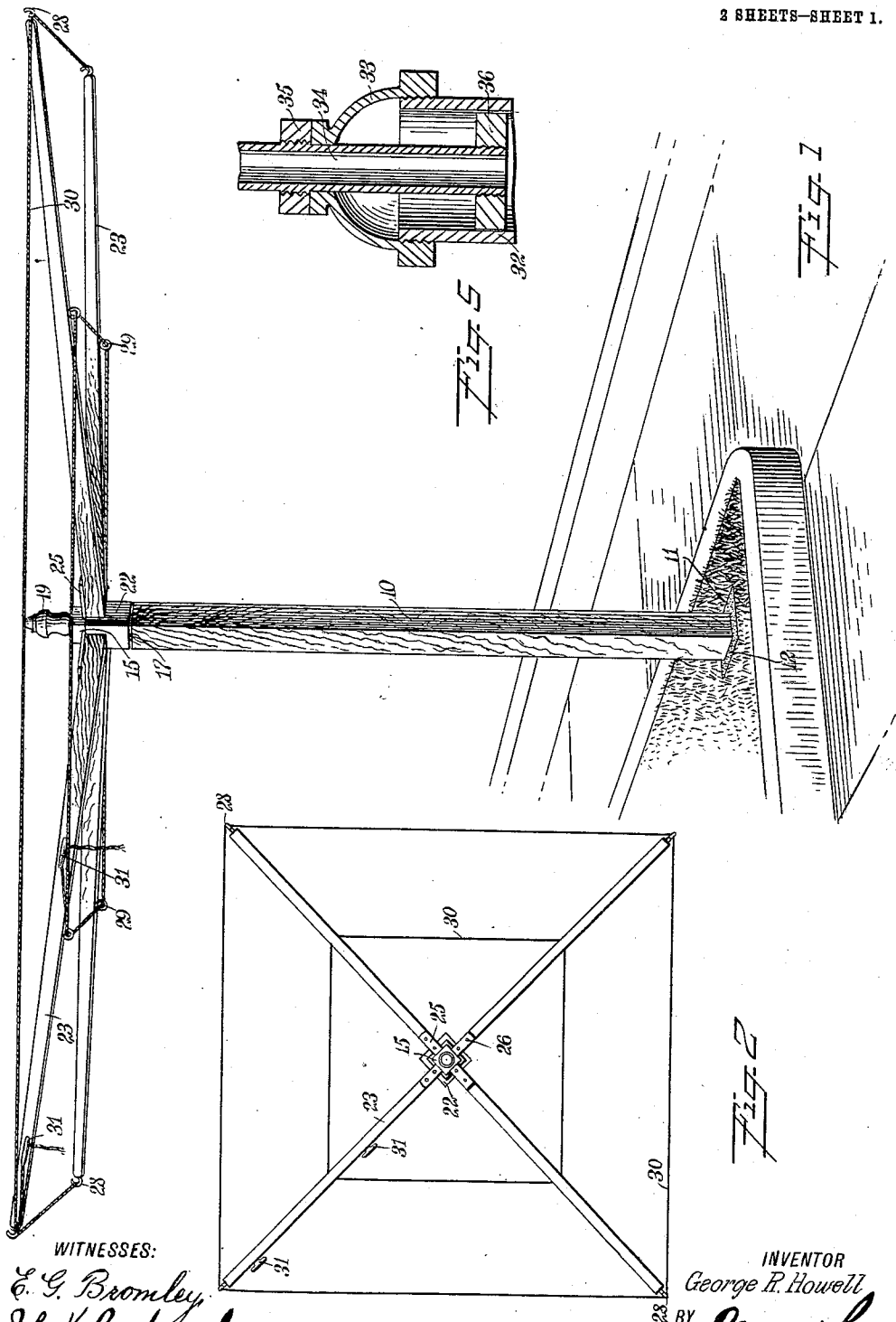


G. R. HOWELL,
CLOTHES DRIER.
APPLICATION FILED MAR. 17, 1910.

991,619.

Patented May 9, 1911.

2 SHEETS—SHEET 1.



WITNESSES:

E. C. Bromley,
John K. Buchholz

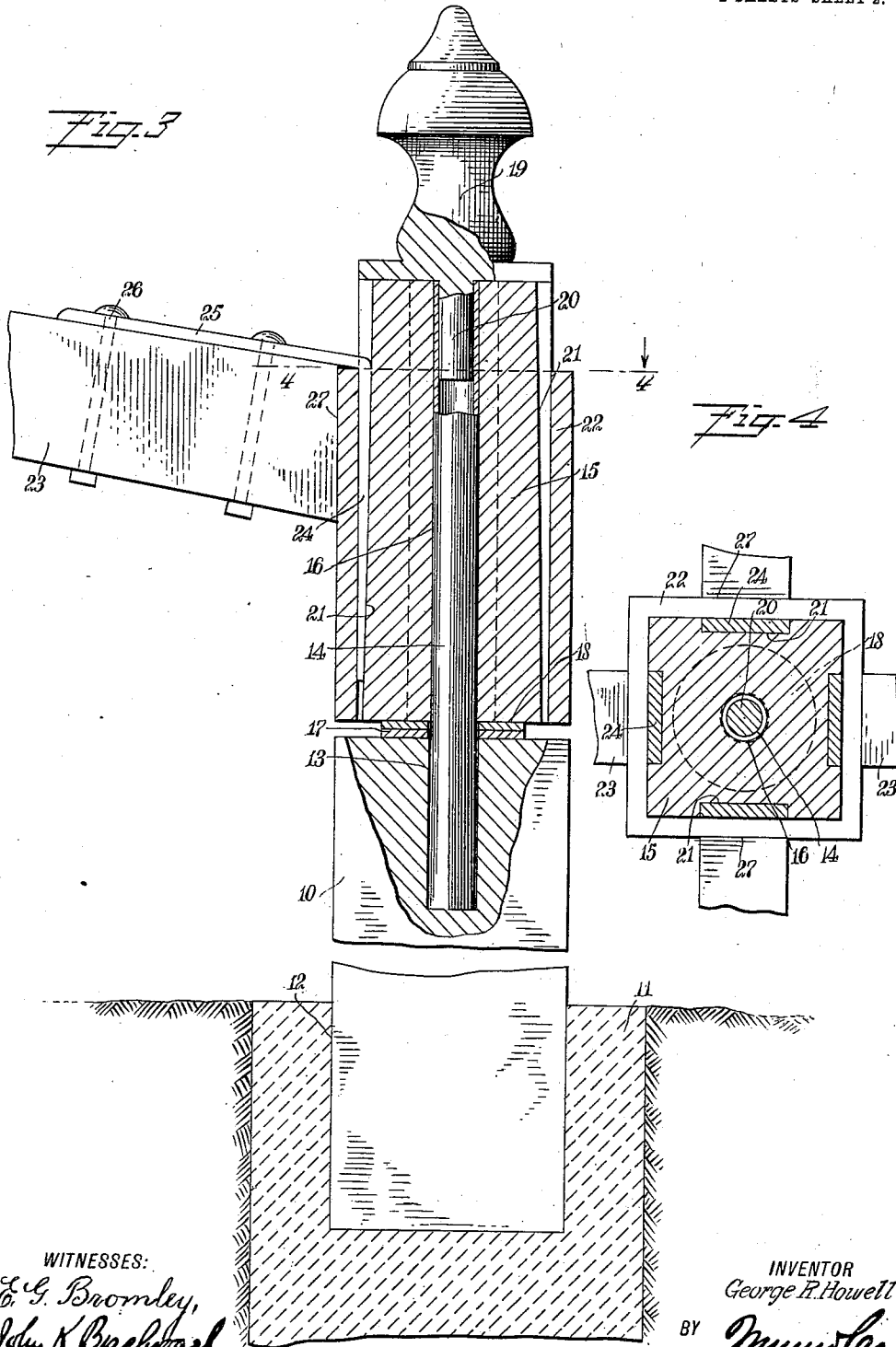
INVENTOR
George R. Howell
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ATTORNEYS

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UNITED STATES PATENT OFFICE.

GEORGE REEVES HOWELL, OF SOUTHAMPTON, NEW YORK.

CLOTHES-DRIER.

991,619.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed March 17, 1910. Serial No. 549,835.

To all whom it may concern:

Be it known that I, GEORGE R. HOWELL, a citizen of the United States, and a resident of Southampton, in the county of Suffolk and State of New York, have invented a new and Improved Clothes-Drier, of which the following is a full, clear, and exact description.

This invention relates to clothes driers or racks, for hanging up garments or other articles to permit them to dry, or for purposes of display, and has reference more particularly to a device of this class, comprising a post, a spindle carried thereby, a head rotatably mounted upon the spindle and seating at the top of the post, and laterally extending arms carried by the head.

The object of the invention is to provide a simple, strong and durable device of the class described, which can be manufactured inexpensively, which can be taken apart and assembled, without difficulty, to permit it to be stored or shipped, which provides facilities for hanging a comparatively large number of articles of apparel or the like, which can be used for different purposes, and which can be manufactured from different materials.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of an embodiment of my invention; Fig. 2 is a plan view of the same; Fig. 3 is an enlarged, fragmentary section of the post and the head, showing the inner end of one of the arms carried by the head; Fig. 4 is a transverse section on the line 4—4 of Fig. 3; and Fig. 5 is a longitudinal section of part of a drier of modified form.

Before proceeding to a more detailed explanation of my invention, it should be clearly understood that, while the device is particularly useful as a clothes drier, for hanging up garments to dry, after they have been washed, it can also be advantageously employed for other purposes, for example,

for the display of articles. The arms may be provided with any suitable means for suspending the articles, and are preferably provided, for this purpose, with clothes-line or cord, which extends from arm to arm, and is secured in suitable eyelets or hooks thereof. One or more lines may be employed at the outer ends of the arms, and intermediate the ends thereof, as is shown in Fig. 1. This and others of the details of the invention form no part thereof, and can be varied in accordance with individual preference and special conditions, without departing from the underlying spirit of the invention.

Referring more particularly to the drawings, I employ a post 10, which may be of any suitable form, and is preferably fashioned from wood. The post is mounted in an upright position, in any convenient manner, and may be used as I have shown, for example, with a concrete or other base 11, sunk in the ground. The base has a socket 12, in which the lower end of the post is removably positioned. The post, at the upper end, has a substantially central bore 13 forming a socket, in which is located a spindle 14. The latter extends upwardly from the post, in the longitudinal direction thereof. It may be of any suitable form, though I prefer to employ a tubular member, such as an iron pipe.

A head 15 having a central bore 16, is rotatably mounted upon the spindle, which is received in the bore. The top of the post has a bearing member 17 consisting of a metal ring or the like, upon which seats a like bearing member 18 at the lower end of the head. The head is thus rotatably mounted upon the upper end of the post and seats at the top of the same, as is shown most clearly in Fig. 3. The head may be of any suitable form and shows a plurality of faces. As shown for example, herewith, it is of substantially square cross section and carries an ornamental crown 19. The latter has any suitable, artistic form, and is provided with a stud 20 which extends removably into the upper end of the tubular spindle 14. The head, at the side faces thereof, has recesses 21 which are arranged longitudinally of the head, and are downwardly tapered. A band or strap 22 extends around the head

and encompasses the recesses. The band may be formed from a separate member or may be cast or otherwise fashioned integral with the head. The recesses it will be understood, are open at the upper ends, and serve a purpose which will appear hereinafter.

I employ arms 23 fashioned from wood or other suitable material, and preferably tapered to the outer ends. The arms have, at the inner ends, lugs 24. These consist of laterally disposed ends of strips or bars 25, secured at the upper edge faces of the arms, by means of bolts 26 or the like. The inner end faces 27, of the arms, are arranged at angles with the lengths of the arms and have the lugs 24 parallel therewith. The lugs 24, when the arms are in position, seat in the recesses 21, so that the inner ends of the arms engage the outer surface of the strap 22. The arms are thus held removably in position, as is clearly shown in Fig. 3. The inclination of the end faces 27, and the lugs 24 of the arms, gives the latter a predetermined, upward inclination, as is shown in Fig. 1. At the ends, the arms have hooks 28, and intermediate the ends, screw-eyes 29. A clothes-line or cord 30 is carried by the arms, being held in the hooks and eyes, as is shown in Fig. 1. One of the arms has cleats 31 upon which the ends of the clothes-line can be wound.

In Fig. 5 I have shown part of a modified form of my invention, in which the post 32 is fashioned from a tubular member, such as piping. A reducing union 33 is screwed at the upper end of the piping, and has the spindle 34 inserted through the upper end thereof. The spindle has a supporting collar 35 which seats at the upper end of the union. If so desired, a centering collar 36 may be screwed upon the lower end of the spindle, to assist in holding it in place. The head, it will be understood, is rotatably mounted upon the spindle, and seats upon the collar 35.

Having thus described my invention, I

claim as new, and desire to secure by Letters Patent:

1. A device of the class described, comprising a post having a spindle at the upper end thereof, a head rotatably mounted upon said spindle and having a plurality of faces, said head having said faces recessed, a band encompassing said head and said recesses, and a plurality of arms having laterally disposed lugs received in said recesses, whereby the inner ends of said arms engage said band.

2. A device of the class described, comprising a post, a spindle at the upper end thereof, a head journaled upon said spindle, and seating at the top of said post, said head having recesses open at the upper ends, and arms having laterally disposed lugs at the inner ends thereof, said lugs being received within said recesses, said arms having the inner end faces thereof inclined with respect to the length of said arms and engaging at the sides of said heads, whereby said arms are normally inclined with respect to the horizontal.

3. A device of the class described, comprising a post having a socket at the end thereof, a tubular spindle located in said socket, a head having a bore wherewith it is journaled upon said spindle, said head seating at the top of said post and having recesses extending longitudinally thereof and open at the upper ends, a band encompassing said head and said recesses thereof, a crown having a part removably received in said spindle, whereby said crown seats upon said head, and arms having lugs at the inner ends thereof, removably received in said recesses, said arms having the inner ends thereof in engagement with said band.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE REEVES HOWELL.

Witnesses:

MARY A. HOWELL,
ARTHUR G. HOWELL.