June 14, 1932. G. R. WIENEKE 1,862,644

CLOTHES DRIER

Filed June 7, 1929

Fig. 1.

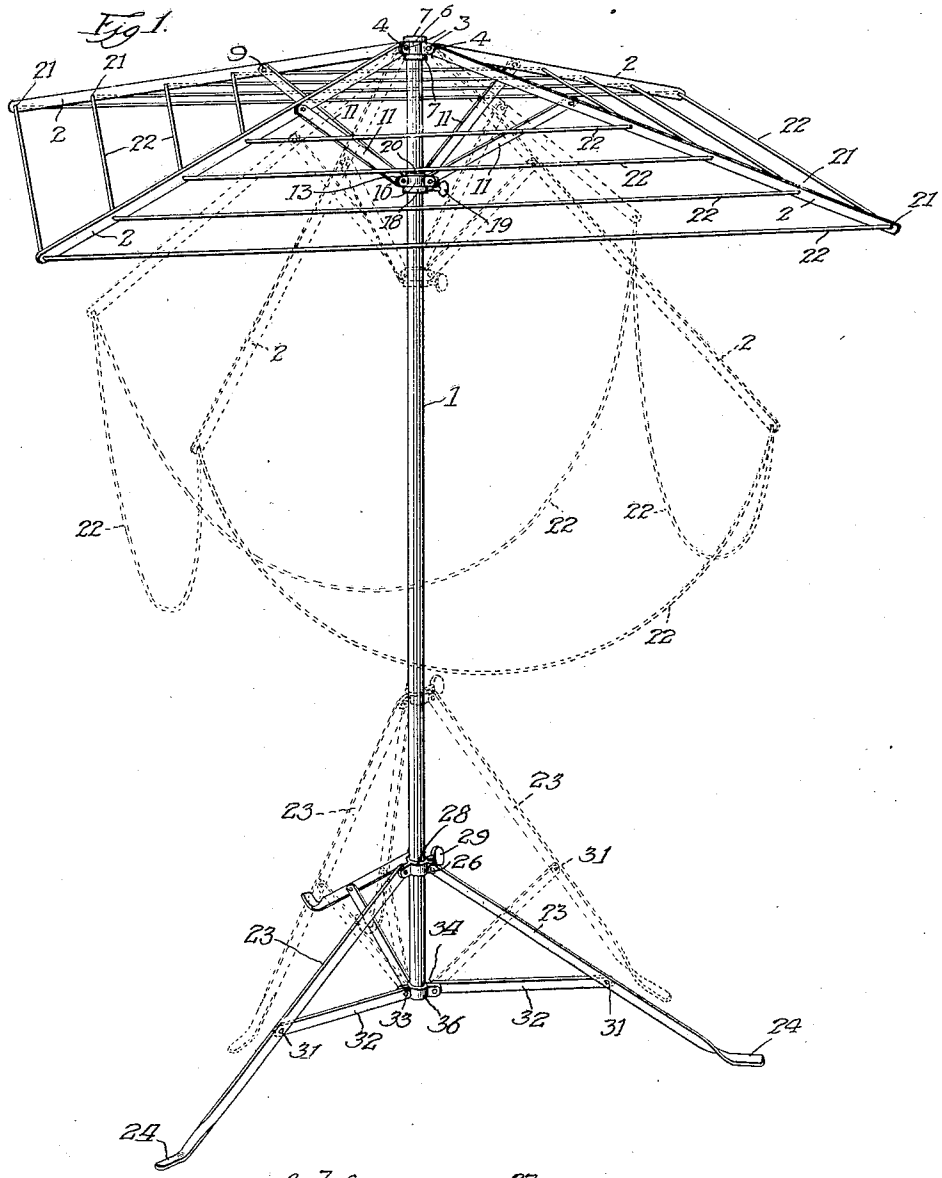


Fig. 2.

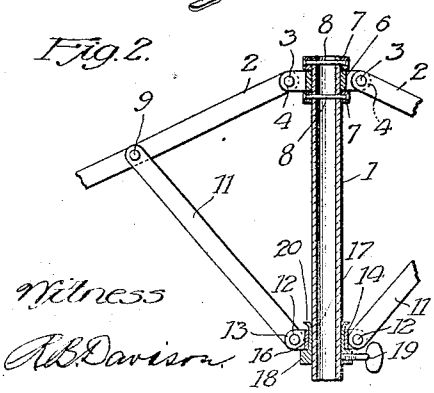
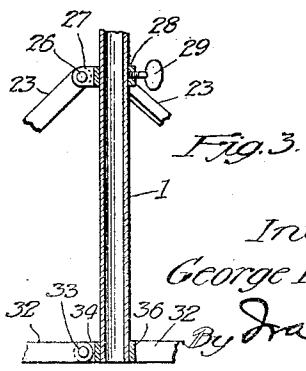


Fig. 3.



Witness
R. B. Davison

Inventor
George R. Wieneke
By Ira J. Wilson
Atty.

Patented June 14, 1932

1,862,644

UNITED STATES PATENT OFFICE

GEORGE R. WIENEKE, OF CHICAGO, ILLINOIS

CLOTHES DRIER

Application filed June 7, 1929. Serial No. 369,214.

This invention relates to clothes driers of the portable type and particularly to a clothes drier which may be folded into a small compact article to be stored in a small space.

It is the purpose of this invention to provide a clothes drier of tree-form which may readily be moved from place to place which may be revolved in order to give accessibility to all parts thereof, which may be folded into a relatively small package to permit its being stored away in small compartments and which may be cheaply manufactured particularly in quantity production. In accordance with this invention there is provided a standard which carries a tripod on one end which may be folded into close proximity to the standard and a drying head upon the other end carrying arms which may be extended outwardly and rotated about the standard or which may also be folded into close proximity to the standard when it is desired to store the drier away.

Other advantages and novel points of construction will be apparent by a consideration of the following description taken in connection with the drawing, in which:

Fig. 1 is a perspective view of a drier constructed in accordance with this invention, showing the drier partially folded in dotted lines,

Fig. 2 is an enlarged detail partly in section of the head structure, and

Fig. 3 is an enlarged detail partly in section of the foot end of the drier.

In the illustrated embodiment of this invention there is provided a post or standard 1 preferably formed of a piece of tubing which carries the tree or umbrella-like drying head upon its upper end. This head is composed of a plurality of arms 2 (in the present instance four) pivoted at one end by pins 3 to ears 4 extending from an annular collar 6 rotatably carried by the upper end of standard 1. Axial movement of collar 6 is prevented by rings 7 pinned to standard 1 by pins 8 above and below collar 6. Intermediate their ends arms 2 are pivoted at 9 to one end of braces or links 11 which are pivoted at their other ends as at 12 to lugs 13 projecting from a sleeve 14 rotatably carried by an adjustable collar 16 surrounding standard 1. The adjustable collar 16 is formed with a cylindrical portion 17 and an enlarged annular base portion 18, the latter being tapped to receive a thumb screw 19 by means of which the adjustable collar may be locked in any desired axial position on standard 1. The cylindrical portion 17 serves as a bearing or bushing for sleeve 14, the upper end of portion 17 being peened over as at 20 to prevent axial displacement of sleeve 14 on collar 16. It is obvious from the above that arms 2 may be folded into close proximity of standard 1 by simply releasing thumb screw 19 and sliding collar 16 downwardly upon standard 1. Conversely, arms 2 may be locked in an extended position by sliding collar 16 upwardly on shaft 1 and locking it in its raised position by means of thumb screw 19. The outer portions of arms 2 are drilled as at 21 to receive ropes or the like 22 upon which clothes may be hung to dry.

In order to support the drier in an upright position in a desired locality, the lower end of standard 1 is provided with a tripod comprising three legs 23 having outturned ends or feet 24. The upper ends of these legs are pivoted at 26 to ears 27 of a collar 28 slidably mounted in the lower end of standard 1. The collar may be locked in vertical position by means of a thumb screw 29. Intermediate their ends, legs 23 are pivotally connected at 31 to one end of a bracing link 32, the other end of which is pivotally connected as at 33 to ears 34 of a fixed collar or socket 36 rigidly secured to the lower end of standard 1. It is apparent that legs 23 may be folded into close proximity of standard 1 by releasing thumb screw 29 and sliding collar 28 upwardly on standard 1. Conversely, legs 23 may be secured in extended position by sliding collar 28 downwardly on standard 1 and locking it in position by means of thumb screw 29.

From the above it is apparent that there is provided a clothes drier which is simple, yet rugged, in its construction, which may be cheaply manufactured and which may be moved about or folded into a compact article to be stored in a small space. By means of

rotating collars 6 and 14 the drying head may be revolved about post 1 to facilitate the hanging of clothes thereon.

It is obvious that minor changes may be made in the details of construction without departing from the spirit and scope of this invention as defined in the claims appended hereto.

I claim:

1. A clothes drier comprising a standard, means secured to said standard and retractable into inoperative position in close proximity to said standard for supporting said standard when in extended position, a collar rotatably secured to said standard at its upper end, arms pivotally secured at their ends to said collar, an adjustable collar secured to said standard adjacent its upper end for rotary and axial movements thereon, means for selectively securing said adjustable collar against axial movement on said standard, a sleeve rotatably carried by said adjustable collar, said collar being flanged outwardly above said sleeve to secure the latter to said collar and links pivotally connected to said arms intermediate their ends and to said sleeve.

2. A clothes drier comprising a standard, means secured to said standard and retractable into inoperative position in close proximity to said standard, for supporting said standard when in extended position, a collar rotatably secured to said standard at its upper end, arms pivotally secured at their ends to said collar, an adjustable collar secured to said standard adjacent its upper end for axial movements thereon, said adjustable collar having an enlarged base portion, an intermediate cylindrical portion, and an outwardly flanged end portion, means for selectively securing said adjustable collar against axial movements on said standard, a sleeve rotatably carried by the cylindrical portion of said adjustable collar and being secured against axial movements thereon by said base and flanged end portion and links pivotally connected to said arms intermediate the ends of the latter and to said sleeve.

In witness of the foregoing I affix my signature.

GEORGE R. WIENEKE.