(No Model.) 2 Sheets—Sheet 1.

E. A. WILLISTON.

CLOTHES DRIER.

No. 606,401. Patented June 28, 1898.

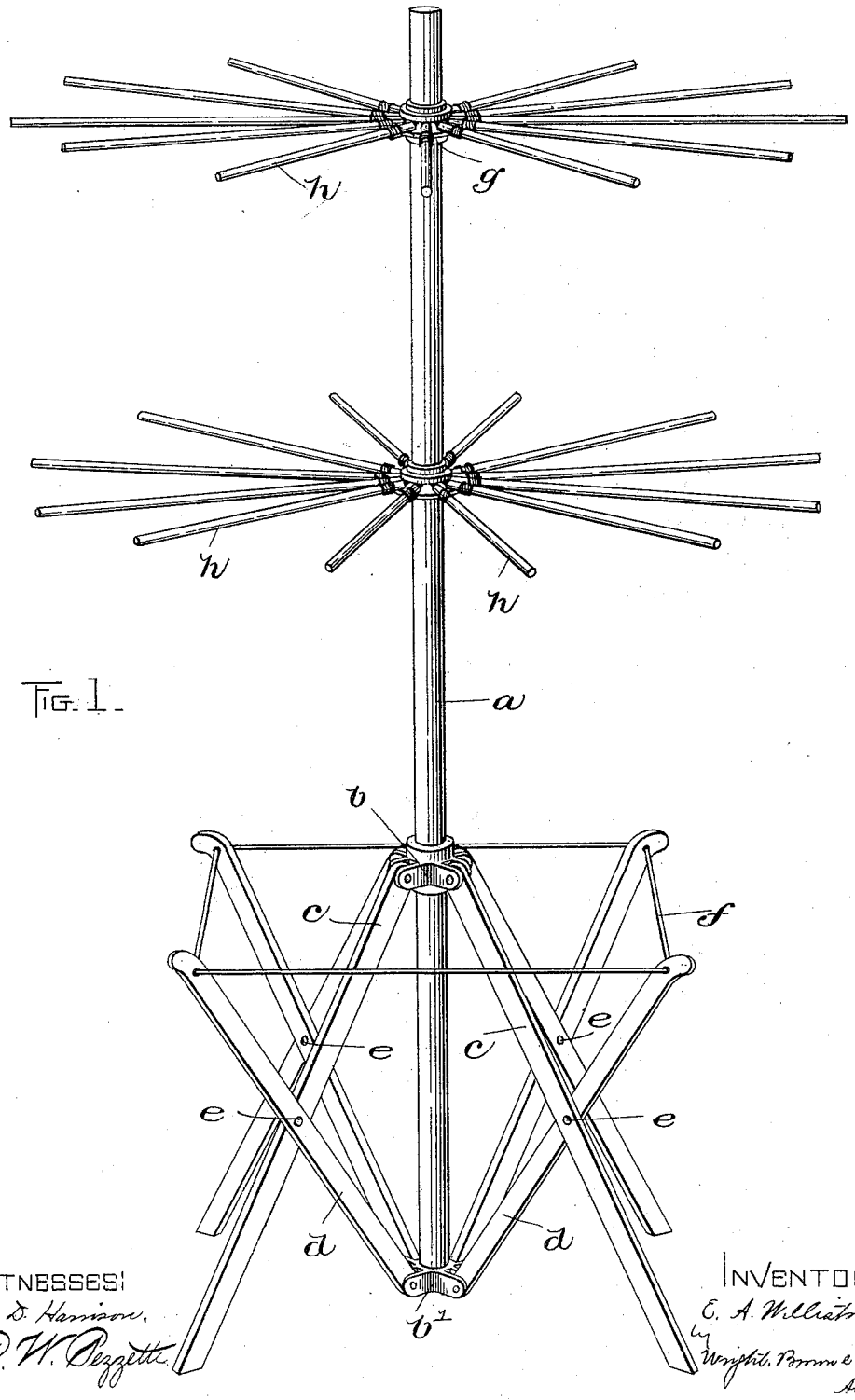


FIG. 1.

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P. W. Pezzetti.

INVENTOR:
E. A. Williston
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

(No Model.) 2 Sheets—Sheet 2.

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FIG. 2.

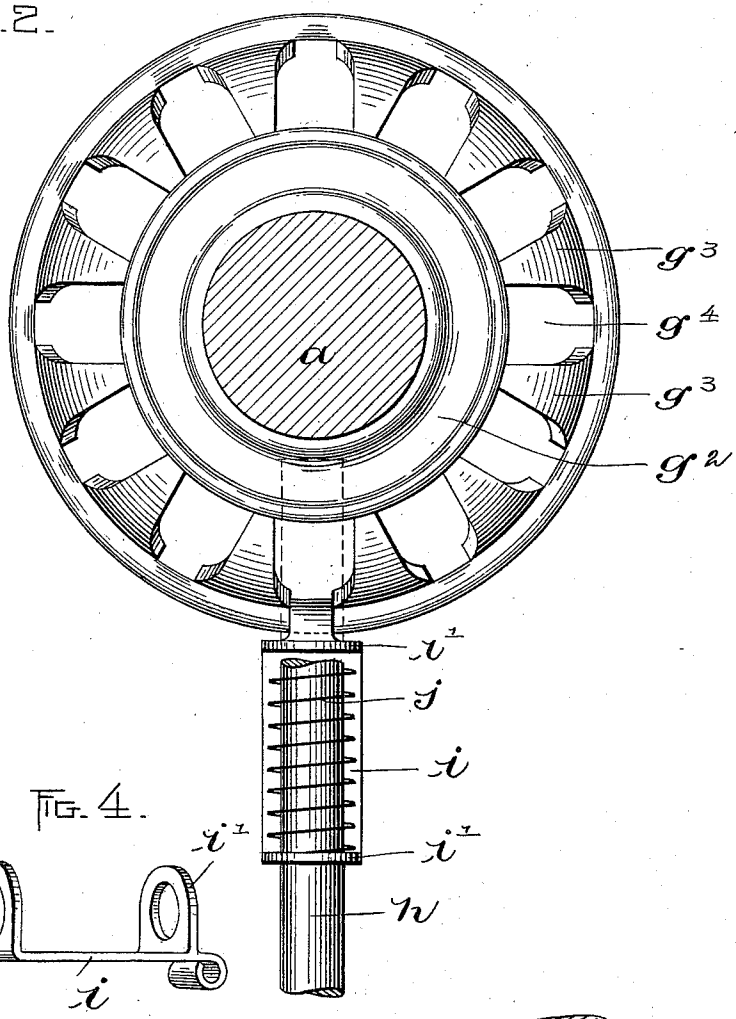
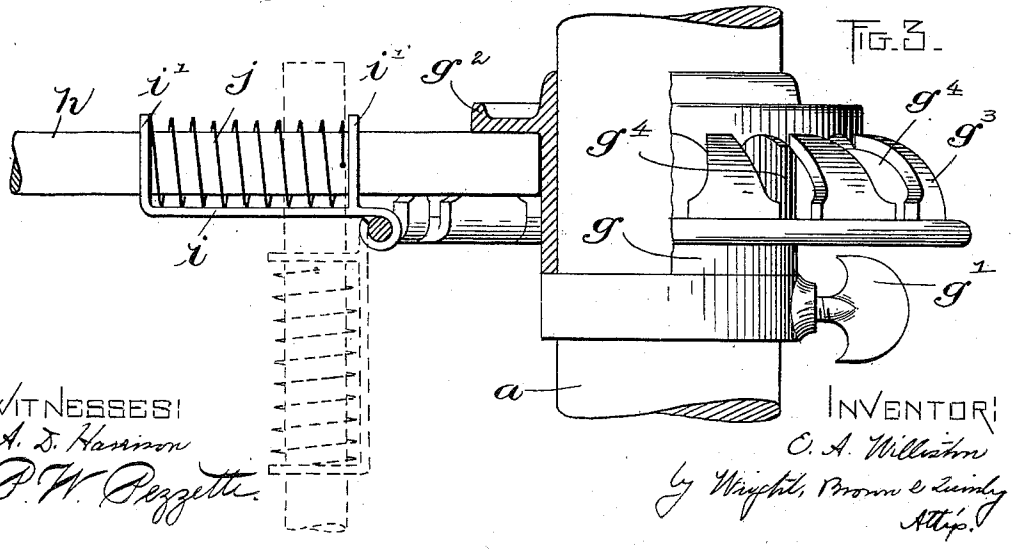


FIG. 4.

FIG. 3.



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UNITED STATES PATENT OFFICE.

EDWARD A. WILLISTON, OF BOSTON, MASSACHUSETTS.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 606,401, dated June 28, 1898.

Application filed January 14, 1898. Serial No. 666,642. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. WILLISTON, of Boston, in the county of Suffolk and State of Massachusetts, 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 for its object to provide an article of this class of simple, cheap, and durable construction and one which can be compactly folded when not in use.

The invention consists in the improvements which I shall now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of a clothes-drier constructed in accordance with my invention. Fig. 2 represents a top plan view, partly in section, showing the hub which supports the clothes-arms. Fig. 3 represents a side elevation of said hub with parts broken away. Fig. 4 represents a detail perspective view which will be referred to hereinafter.

The same reference characters indicate the same parts in all the figures.

In the drawings, *a* designates a central column, and *b* designates a collar adapted to slide thereon and formed with ears, to which are pivoted legs *c c*, whose lower ends when extended form a base for the clothes-drier.

b' is a collar or bracket affixed to the lower end of the column *a* and formed with ears, to which are pivoted braces *d*, said braces being pivotally attached to the legs *c* by means of pins *e*.

f is a cord connecting the upper ends of the braces *d*, the length of this cord determining the amount of spread of the legs *c*. When the clothes-drier is not in use, the legs and braces are folded compactly in against the column *a*, the collar *b* sliding up said column to permit this action.

g is a hub mounted to slide on the upper part of the column *a* and provided with a set-screw *g'*, by means of which it can be fixed at any height. On the upper portion of said hub is formed a flange g^2, which is extended downwardly and outwardly to form a hood g^3, in which are provided apertures g^4 g^4. Below each of these apertures a bracket *i* is pivoted on the lower edge of the hood g^3, the said brackets being adapted to swing in vertical planes. Each of said brackets, as shown in Fig. 4, is formed with flanges *i' i'*, having apertures, which constitute a socket.

h h designate a series of clothes-arms mounted in the several brackets *i* and adapted to slide longitudinally in the sockets thereof for a limited distance. The said arms are normally forced inwardly toward the hub by means of springs *j*, connected at one end to the arm and abutting against the outer flange *i'* on the bracket.

When the clothes-drier is in use, the inner ends of all the arms *h* are inserted under the flange g^2, the springs *j* serving to maintain the arms in engagement with said flange. The arms then extend radially in a horizontal direction from the hub *g*.

When the clothes-drier is to be put out of use, each of the arms *h* is pulled out from underneath the flange g^2 against the tension of the springs *j* and is then folded down alongside of the column *a*.

I claim—

1. A clothes-drier comprising a central column, a collar mounted to slide thereon, legs pivoted to said collar and forming a base, braces pivoted intermediate of their ends to the legs and at their lower ends to the lower end of the column, a cord connecting the upper ends of the braces, a hub mounted to slide on the column and provided with means for securing it at different heights, a flange formed on said hub, a series of brackets pivoted to the hub, a series of clothes-arms slidingly mounted in said brackets, the said arms being adapted to fold alongside of the central column or to engage the flange on the hub so as to project radially from said hub, and a spring connection between each arm and its bracket, acting to hold said arm in engagement with the flange.

2. A clothes-drier comprising a central column provided with a folding base, a hub mounted on the column, a flange formed on said hub and extending outwardly and downwardly to form a hood, substantially as set forth, apertures formed in said hood, brackets pivoted to the lower edge of said hood below each of the apertures, and arms slidingly mounted in said brackets and adapted to fold alongside of the central column, or to extend

through the apertures in the hood and engage the flange on the hub, so as to project radially from said hub.

3. A clothes-drier comprising a central column provided with a folding base, a hub mounted on said column, a flange formed on said hub, brackets *i i* pivoted to the hub and adapted to swing in vertical planes, the said brackets being formed with flanges *i' i'* apertures to form a socket, clothes-arms mounted to slide in the sockets thus formed, and adapted to fold alongside of the central column or to engage the flange on the hub, so as to project radially from said hub, and springs surrounding the arms and occupying the space between the flanges of the brackets, the said springs acting to hold the arms in engagement with the flange of the hub.

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

EDWARD A. WILLISTON.

Witnesses:

D. FRANK LORD,

OTIS E. COUSINS.