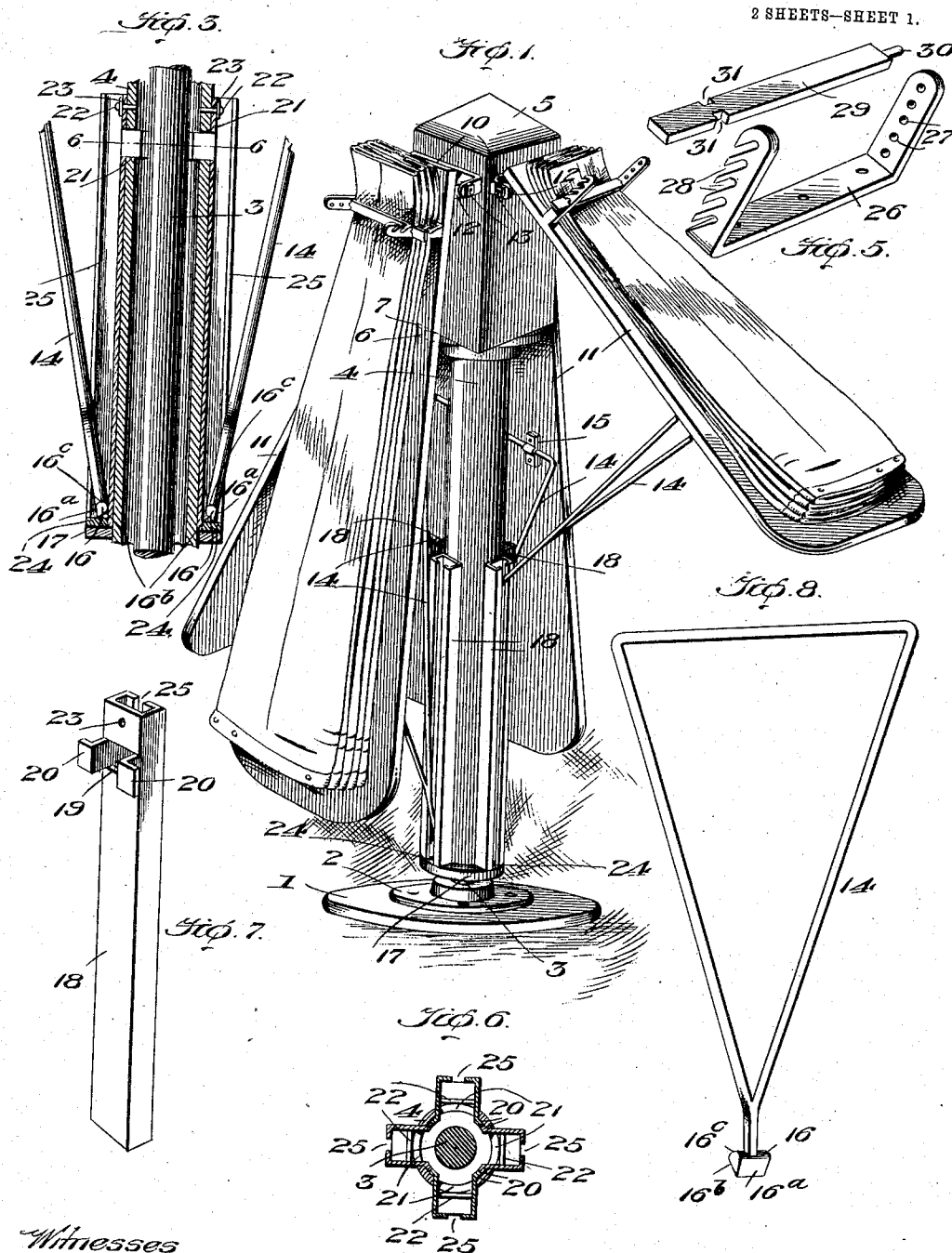


1,015,457.

W. E. RAGSDALE.
DISPLAY STAND.
APPLICATION FILED OCT. 3, 1910.

Patented Jan. 23, 1912.

2 SHEETS—SHEET 1.



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Fig. 2.

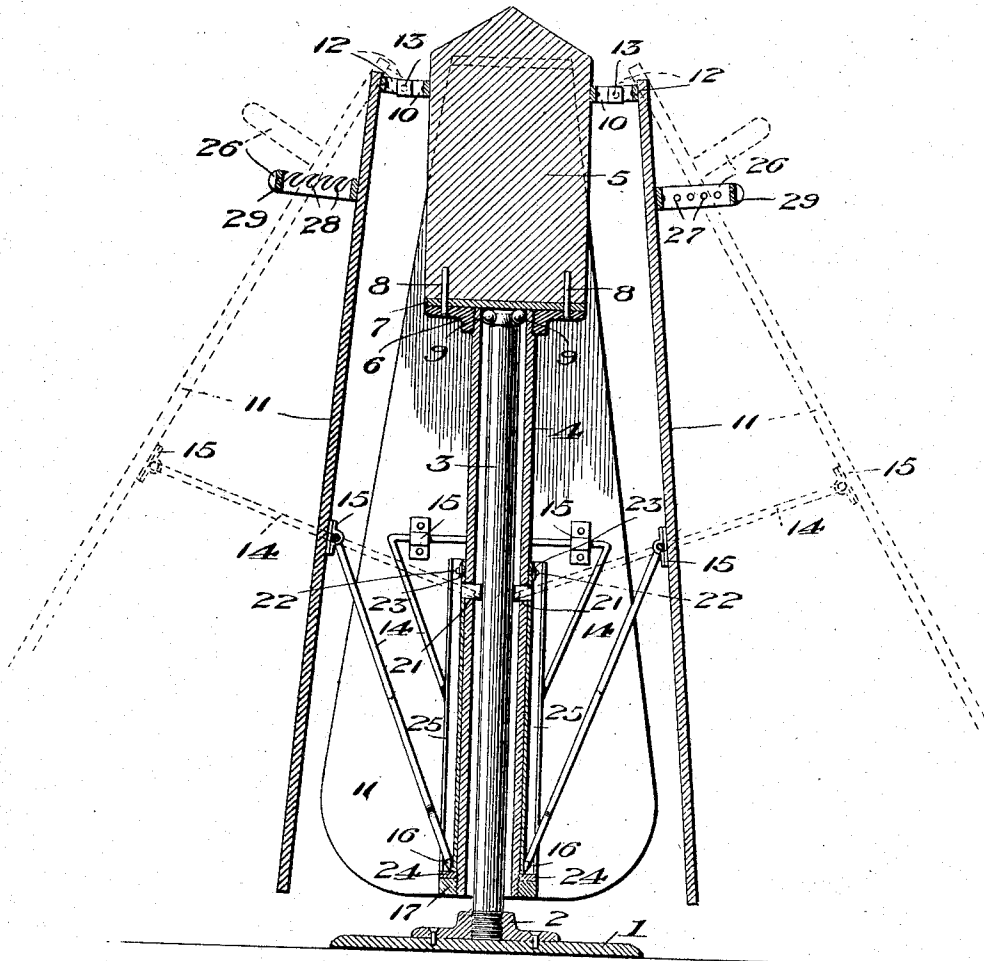
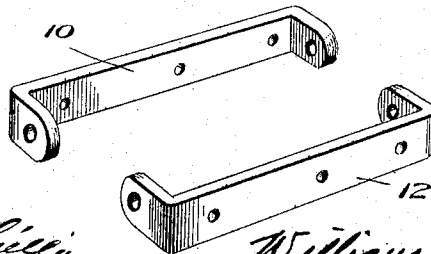


Fig. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM E. RAGSDALE, OF ARTESIA, NEW MEXICO.

DISPLAY-STAND.

1,015,457.

Specification of Letters Patent.

Patented Jan. 23, 1912.

Application filed October 3, 1910. Serial No. 585,133.

To all whom it may concern:

Be it known that I, WILLIAM E. RAGSDALE, a citizen of the United States, residing at Artesia, county of Eddy, and State of New Mexico, have invented certain new and useful Improvements in Display-Stands; of which the following is a specification.

This invention relates to display stands.

The present invention has for its object the provision of a display stand especially adapted for displaying trousers and utilizable in the sale thereof, the purpose being to provide a stand of simple, strong, durable, inexpensive and ornamental appearance which can be revolved to any desired position, will have novel means for holding trousers in either upward or more or less horizontal position so that the general appearance thereof, as well as the tailoring, may be readily determined, which will enable the goods to be readily placed in position or removed, and which will occupy but small space.

The invention is fully set forth herein-after and the novel features are recited in the appended claims.

In the accompanying drawings:—Figure 1 is a perspective view of the invention, one of the leaves being extended; Fig. 2, a vertical section; Fig. 3, an enlarged section showing the construction of the parts used for guiding and supporting the leaf support; Fig. 4, a detail of one of the leaf hinges; Fig. 5, a detail of one of the trousers clamps; Fig. 6, a section on line 6—6, Fig. 3; Fig. 7, a detail rear perspective of one of the leaf support guides; and Fig. 8, a detail of one of the leaf supports.

The stand is preferably supported by a suitable base 1, although it may be secured directly to the floor. Secured to the base 1 is a base-flange 2 in which is screwed a spindle 3 extending up for a suitable distance. Surrounding the spindle 3 is a tubular and rotatable column 4 which is surmounted by a head 5 that may be made as ornamental as desired, a suitable connection between the column and head consisting of a flange 6 screwed on the column 4 and a plate 7 interposed between the flange and the head, both being secured to the head by fastenings 8. The upper end of the spindle 3 is coned and balls 9 are interposed between it and the plate 7. Secured to the head 5 are U-shaped hinge brackets 10. There are a plurality of leaves 11, each of

which has a hinge-bracket 12 detachably connected by pivot bolts 13 to the hinge-brackets 10, whereby said leaves may be disposed in vertical, or, more or less horizontal position. A leaf support 14 is provided for each leaf 11, these being preferably of triangular form and each having its cross-piece journaled in brackets 15 secured to the inner faces of the leaves 11. The foot 16 of each leaf support is of wedge shape, one of the faces 16^a lying substantially in the plane of the leaf support and the other face 16^b being disposed at an angle and constituting the under face of said foot. The two faces are connected by a rounded part 16^c. The lower end of the column 4 is preferably screw-threaded to receive a collar 17. Extending vertically of the column 4 in alinement with the respective leaves, are guides 18 of the form shown in Fig. 7, these being provided with apertures 19 near their upper ends and with ears 20 flanking said apertures and passing through apertures 21 in the sides of the column 4, thus securing the guides to said column, but the guides are further secured by fastenings 22 passing through apertures 23 in the guides. The lower ends of the guides rests upon the collar 17 and are provided with some suitable filling 24. The heads 16 of the feet 14 are sufficiently wide so that when disposed crosswise of the guides, they will not come out of the slot 25 and the end of the leaf support will travel in said slot. When the leaves 11 are down, as shown in full lines in Fig. 2, the feet 16 rest on the fillings 24 and the leaves are then supported in nearly vertical position, the faces 16^b being positioned against the back of the guides 18. When the leaf is raised, the support 14 is drawn upwardly and the foot 16 finally comes in alinement with the openings 19 and 21, whereupon the feet snap into said openings, this movement being assisted by the cam action resulting from the face 16^b striking the upper margin of the opening 19. The leaf is then supported, as shown by dotted lines in Fig. 2 and full lines in Fig. 1. When it is desired to lower the leaf, it is slightly elevated, which brings the foot 16 into the guide and the foot will then slip down into the guide.

To hold the trousers in position, there is provided on each leaf a U-shaped clamp (Fig. 5) 26, one of whose arms has apertures 27 and the other being provided with

notches 28. A clamping bar 29, which has a pin 30 at one end and notches 31 at its other end, is adapted to be engaged with the apertures and notches in any position to hold the garments on the leaves, ready for easy removal upon swinging the notch 31 out of the notch 28 with which it is engaged.

It will be understood that the leaves 11 can be used for the display of any articles, but these leaves are preferably elongated and shaped for the convenient support of trousers whose lower ends are designed to be held by the clamps in the manner shown. The leaves are normally in lowered position, but the set of leaves, head 5, and column 4 can be rapidly and easily turned to bring to any desired position any leaf which may be thereupon raised into position for convenient manipulation or inspection of the garments, as shown in Fig. 1.

The stand may be used inside of a cabinet, if desired.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. In a display stand, the combination with a spindle adapted to support the stand, of a revoluble head mounted on said spindle, a revoluble column connected to the head and receiving and rotatable on said spindle, a plurality of leaves hinged to said head and adapted to be disposed either in general vertical or general horizontal position, means carried by the leaves for holding the article to be displayed, independent supporting devices hinged to the respective leaves and provided with feet which have an inclined face,

vertical guides carried by the said revoluble column which have slots narrower than the width of said feet, the said feet being adapted to slide in the guides and the supporting devices to travel in the said slots, abutments for sustaining the feet when the leaves are in their lowered position, supports carried by the revoluble column adapted to receive and sustain the said feet when the leaves are in raised position, and means on the column adapted to engage the inclined faces of the feet to cause said feet to engage with said supports.

2. In a display stand, the combination with a spindle, of a tubular column telescoping over said spindle, a head to which the column is secured and which is revolubly mounted on the spindle, vertical guides carried by the column and provided in their lower parts with rests or abutments, the column being provided with apertures at higher points which apertures communicate with the guides, leaves hinged to the head, and supporting devices hinged to the leaves and provided with feet which travel in the guides, said feet being adapted to rest upon the abutments in the lower parts of the guides or to pass into the apertures afore-said to support the leaves in lowered and raised positions, respectively.

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

WILLIAM E. RAGSDALE.

Witnesses:

GEO. A. HAMLIN,
M. L. NEWCOMB.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."