W. F. ALLERT.

DISPLAY APPARATUS.

APPLICATION FILED NOV. 17, 1908.

910,767.

Patented Jan. 26, 1909.

2 SHEETS—SHEET 1.

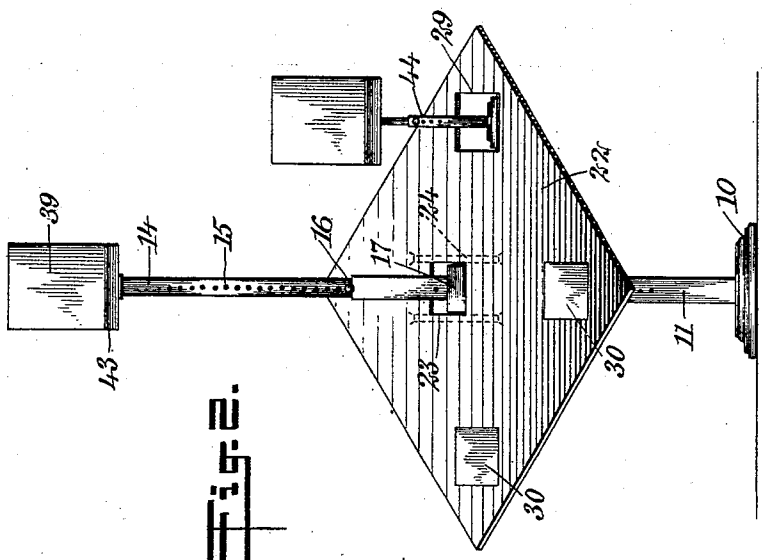


Fig. 2.

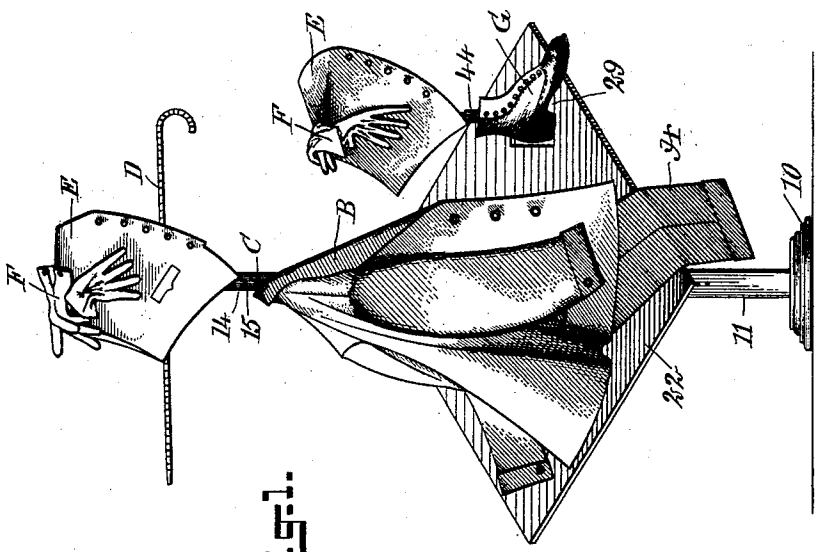


Fig. 1.

WITNESSES

F. B. Hackenberg.

John K. Bachmeyer

INVENTOR

Waldemar F. Allert

BY Munn & Co

ATTORNEYS

THE NORRIS PETERS CO., WASHINGTON, D. C.

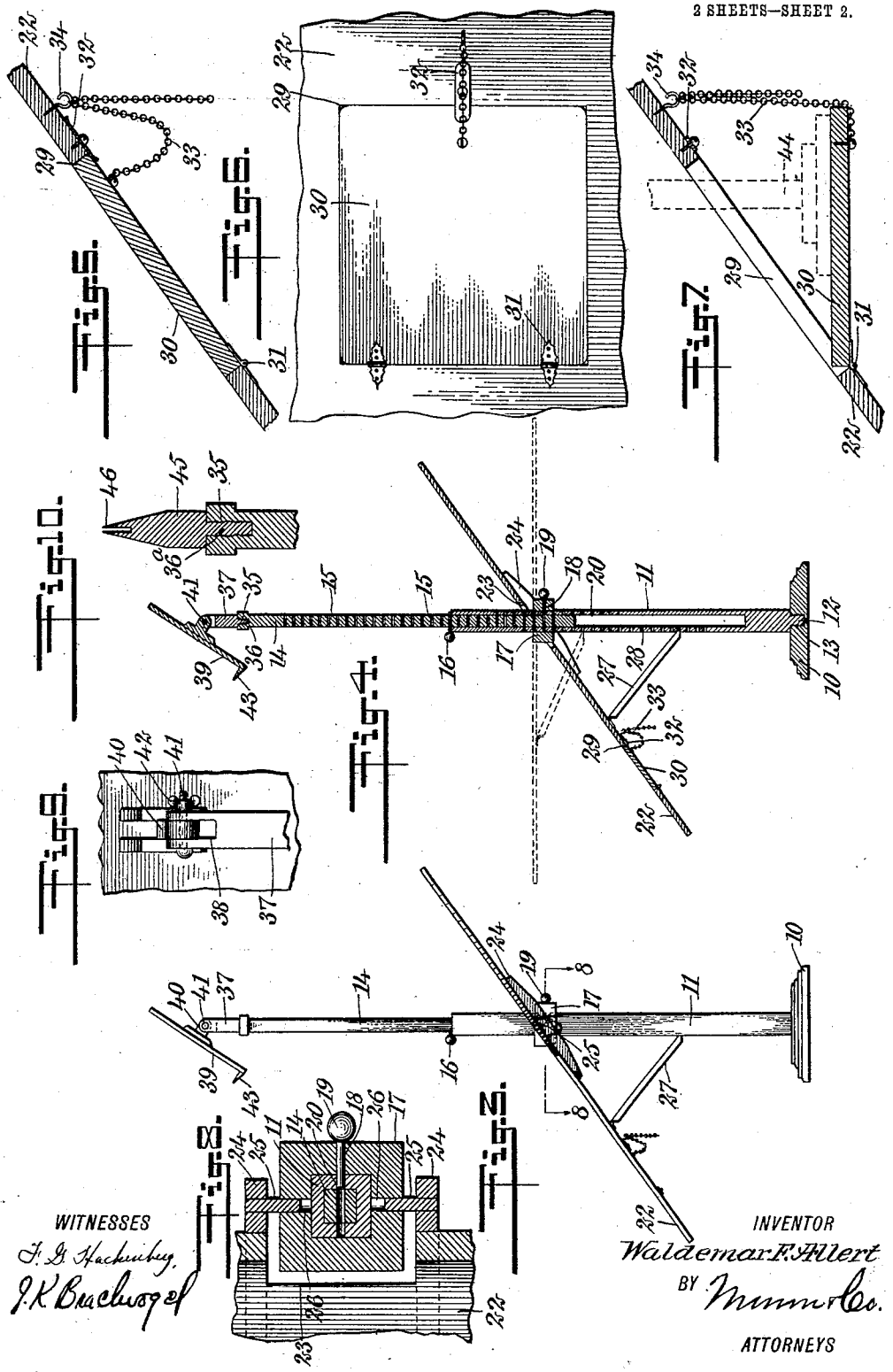
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WITNESSES

F. G. Hackenberg.

J. K. Buchsbaum

INVENTOR

Waldemar F. Allert

BY Munn & Co.

ATTORNEYS

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WALDEMAR F. ALLERT, OF NEW YORK, N. Y.

DISPLAY APPARATUS.

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To all whom it may concern:

Be it known that I, WALDEMAR F. ALLERT, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Display Apparatus, of which the following is a full, clear, and exact description.

This invention relates to display apparatus for exhibiting goods or wares in stores and the like, and relates more particularly to a display apparatus comprising a hollow standard, a post having the lower end adjustably inserted in the standard, and having means whereby it can be held in a plurality of positions, a slidable collar adjustably mounted upon the standard, and a table having an opening adapted to receive the collar, the table being journaled upon the collar so that it can be tilted into a plurality of positions, and having swinging leaves which, when the table is tilted can be arranged in substantially horizontal positions. The post at the upper end carries an adjustable crown rest, the table, the leaves, and the crown rest being adapted to receive garments or other merchandise to be exhibited for sale.

An object of the invention is to provide a simple, inexpensive, and efficient display apparatus which is attractive in appearance and compact in form, which can be used for displaying various kinds of merchandise in shop windows, on store counters, and in other places where such exhibits are necessary, which is capable of a plurality of adjustments, and which is inexpensive to manufacture.

A further object of the invention is to provide an apparatus of the class described, in which is included a table which can be tilted at various angles to permit the effective display of goods upon the table, and which has leaves hinged in openings of the table so that the leaves when closed cause the table to present an unbroken surface, and which can be allowed to swing open so that the leaves are substantially horizontal when the table is tilted, thus adapting the leaves to support auxiliary display stands.

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 front elevation of an embodiment of my invention showing garments displayed thereon; Fig. 2 is a similar view of the invention with the garments removed; Fig. 3 is a side elevation of the device; Fig. 4 is a longitudinal section of the apparatus showing the table in another position in dotted outline; Fig. 5 is an enlarged longitudinal section of a part of the table, showing one of the leaves closed; Fig. 6 is an inverted plan view of part of the table showing a leaf closed; Fig. 7 is a view similar to Fig. 1, showing a leaf open, and indicating an auxiliary display stand in dotted outline; Fig. 8 is an enlarged transverse section on the line 8—8 of Fig. 3; Fig. 9 is an enlarged rear elevation of the crown rest, showing means for attaching the same at the upper end of the post; and Fig. 10 is an enlarged longitudinal section of the upper end of the post, showing a removable head of modified form.

Before proceeding to a more detailed explanation of my invention, it should be clearly understood that while I prefer to fashion the same from wood, it can be manufactured from any other material adapted to the purpose. I have illustrated the manner of using it for displaying articles of clothing, but it should be noted that the device can be advantageously employed for displaying various other kinds of merchandise. By providing a tilting table, articles such as garments can be spread out in attractive positions so that they can be displayed to the best advantage while at the same time they are properly supported. The leaves when open are held at the free ends by suitable chains or other flexible hangers, and are thus horizontal while the table is tilted; consequently, they can serve to support small auxiliary stands as is shown most clearly in Figs. 2 and 7. Again, it may be found of advantage to have an unbroken surface, and then the leaves can be closed so that the surface of the table presents no openings therethrough. The table can be tilted into a plurality of positions and is held tilted by a strut provided for the purpose. A crown rest of suitable form, likewise can be tilted into a

plurality of positions and held so tilted. The form of the crown rest, like others of the constructive details shown herewith for example, forms no part of the invention but can be varied in accordance with individual preference or special conditions, without departing from the underlying spirit of the invention.

Referring more particularly to the drawings, I provide a base 10 of any suitable form upon which is arranged a hollow standard 11 having the lower end 12 constricted and threaded so that it can be screwed into a correspondingly formed opening or recess 13 in the base. The standard may be of any suitable form, for example, as shown, of angular cross section. A correspondingly shaped post 14 has the lower end slidably inserted in the standard and is provided with a plurality of openings 15 therethrough. A holding pin 16 serves to secure the post in any one of a plurality of adjustments when inserted in one of the openings 15 and engaging at the top or upper edge of the standard. A suitably formed collar 17 is slidably mounted upon the standard and has an opening 18 adapted to receive a holding pin 19. The latter is arranged to have its end inserted in one of a number of openings 20 in the standard to lock the collar in any one of a plurality of adjustments. A table 22 has a substantially central opening 23 to receive the collar and at opposite sides the opening 23 has ribs 24 from which extend inwardly projecting trunnions 25 each adapted to be journaled in a bearing recess 26 of the collar so that the table can be tilted. A strut 27 is hinged at one end to the under side of the table and has the free end tapered so that it can be easily inserted in one of a number of recesses 28 in the wall of the standard, so that the strut serves to hold the table tilted in a plurality of positions.

The table has openings or cut away parts 29 in which are arranged leaves 30 mounted to swing by means of hinges 31 or other suitable devices. Catches 32 are provided at the under side of the table to hold the leaves closed. To each leaf is secured at a free edge, a flexible hanger 33 which can be secured to a hook 34 adjacent to the edge of the opening 29. The hanger can engage the hook at a plurality of points intermediate its length, so that regardless of the angle at which the table is tilted, the leaf can be arranged in a substantially horizontal position.

At the upper end of the post is provided a threaded recess 35 adapted to receive adjustably a correspondingly threaded stem 36 of a head 37. The head 37 at the upper end has a slot 38 into which movably extends an ear 40 of a crown rest 39. A bolt 41 extends through suitable openings of the head and the ear and has a butterfly nut 42 so that it can be used to secure the crown rest in a plurality of adjustments. The crown rest may be of any suitable form, having for example, at one side, a ledge 43 to hold an article in place upon the crown rest when the same is tilted.

It is unnecessary to describe the many different ways in which articles can be displayed on my apparatus; for example, as shown in Fig. 1, a pair of trousers A, and a coat B are arranged upon the inclined table, the coat being hung from a peg C inserted in one of the openings 15 of the post. A cane D, a vest E, and gloves F are arranged upon the crown rest. An auxiliary display stand 44 is arranged upon one of the leaves and carries another vest E and other gloves F. A shoe G is positioned upon the shelf itself, adjacent to the foot of the stand 44. These and other articles can be arranged in different ways so that they present an attractive appearance and are thoroughly displayed to the gaze of possible purchasers.

In Fig. 10 is shown a removable head of modified form in which the head 45 is preferably upwardly tapered and has a slot 46 adapted to receive the hook of a coat hanger or other device for supporting articles to be displayed. When the head 45 is employed, the head rest 39 is of course dispensed with. The head 45 has a threaded stem 36[a] received by the correspondingly threaded recess 35 of the post.

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

1. In display apparatus, a table adapted to be arranged in a plurality of inclined positions and having a swinging leaf adapted to be arranged at a plurality of angles with respect to the table, said leaf lying within the periphery of said table.

2. In display apparatus, a table, means for supporting said table in a plurality of inclined positions, leaves having a hinged connection with said table and lying normally within the periphery thereof, and means for holding said leaves at a plurality of angles with respect to said table, whereby when said table is inclined at an angle to the horizontal said leaves can be arranged in horizontal positions.

3. In display apparatus, a standard, a table carried by said standard and adapted to be tilted, said table having cutaway portions, leaves hinged at said cut away portions, and hangers secured to said leaves and adapted to be removably secured at the under side of said table to hold said leaves horizontal when said table is tilted.

4. In display apparatus, a standard, a table carried by said standard and adapted to be tilted into a plurality of positions, said table having cut away portions, leaves hinged at said cutaway portions, means for holding said leaves closed and within said cutaway

portions, whereby said table presents an unbroken surface, and means for holding said leaves open and at an angle with said table.

5. In display apparatus, a standard, a table adjustable longitudinally of said standard and arranged to be inclined into a plurality of positions, said table having cutaway portions, leaves hinged at said cutaway portions, catches for removably holding said leaves closed and within said cutaway portions, whereby said table presents an unbroken surface, hangers secured to said leaves at the free edges thereof, and hooks at the under side of said table and each adapted to be engaged by one of said hangers at a plurality of points of said hanger, whereby said leaves can he held at a plurality of angles with respect to said table.

6. In display apparatus, a standard, and a table having an opening through which said standard projects, said table being adjustable longitudinally of said standard and being pivoted, whereby said table can swing into a plurality of inclined positions, said opening being intermediate the center of said table and one edge thereof, whereby said table tends gravitationally to assume an inclined position, and a member for supporting said table in its inclined positions.

7. Display apparatus comprising a standard, a collar adjustable longitudinally of said standard, a table journaled upon said collar and arranged to be inclined into a plurality of positions, a post movable longitudinally of said standard, a crown rest carried by said post and adapted to be inclined into a plurality of positions, and leaves hinged to said table and having hangers whereby they can be held at a plurality of angles with respect to said table.

8. Display apparatus comprising a hollow standard, a post having the lower end adjustably mounted in said standard and arranged to be held in a plurality of positions, a slidable collar adjustably mounted upon said standard, a table having an opening adapted to receive said collar and journaled thereon, said table having swinging leaves, and a crown rest mounted on said post.

9. Display apparatus comprising a hollow standard, a post having the lower end adjustably mounted in said standard and having at the upper end a crown rest adapted to be inclined into a plurality of positions, a collar adjustable longitudinally of said standard, a table having an opening wherein said collar is journaled, whereby said table can be inclined into a plurality of positions, a hinged strut secured to said table and adapted to engage said standard to hold said table in a plurality of positions, said table having cutaway portions, leaves hinged at said cutaway portions, hangers for holding said leaves at angles with respect to said table, and catches for holding said leaves closed and in said cutaway portions.

10. Display apparatus comprising a hollow stand, a post having the lower end adjustably mounted in said stand and having at the upper end a head, a crown rest pivotally and adjustably mounted upon said head, a collar adjustable longitudinally of said post, a table having an opening wherein said collar is positioned, and adjacent to said opening, spaced ribs, said ribs being provided with trunnions, said collar having bearing openings receiving said trunnions, said table having further openings therethrough, leaves hinged at said further openings, flexible hangers secured to free edges of said leaves and adapted to be removably secured at the under side of said table, catches for holding said leaves within said openings, and a member for holding said table in a plurality of inclined positions.

11. In display apparatus, a table, a support at a point lying inward from the edges of said table and arranged to be held in a plurality of inclined positions, said table having a swinging leaf adapted to be arranged at a plurality of angles with respect to said table.

12. In display apparatus, a table, a standard for supporting said table intermediate the edges of said table, whereby the latter can be arranged in a plurality of inclined positions, and a swinging leaf carried by said table and adapted to be arranged at a plurality of angles with respect to said table.

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

WALDEMAR F. ALLERT.

Witnesses:
JOHN K. BRACHVOGEL,
JOHN P. DAVIS.