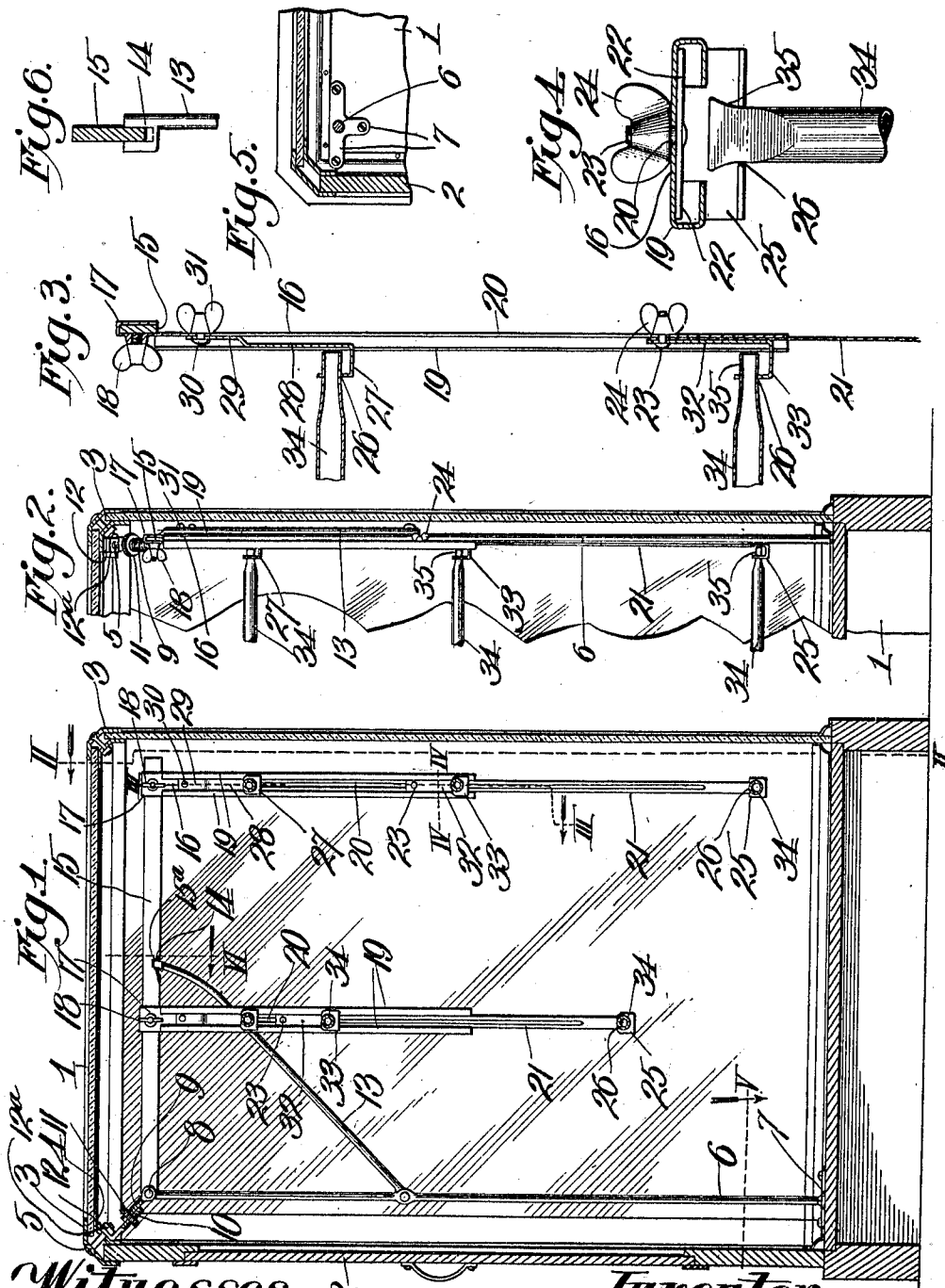


A. YOAKAM.
SHOW CASE FIXTURE.
APPLICATION FILED FEB. 1, 1911.

988,530.

Patented Apr. 4, 1911.



Witnesses
Frank R. Horn
H. C. Rodgers.

Inventor
Arthur Yoakam
By George Y. Thorpe Atty.

UNITED STATES PATENT OFFICE.

ARTHUR YOAKAM, OF PITTSBURG, KANSAS.

SHOW-CASE FIXTURE.

988,530.

Specification of Letters Patent.

Patented Apr. 4, 1911.

Application filed February 1, 1911. Serial No. 606,048.

To all whom it may concern:

Be it known that I, ARTHUR YOAKAM, a citizen of the United States, residing at Pittsburg, in the county of Crawford and State of Kansas, have invented certain new and useful Improvements in Show-Case Fixtures, of which the following is a specification.

This invention relates to show case fixtures and has for its object the production of a device of the character named which can be readily and easily secured in a show case and which combines the desirable features of simplicity, strength, durability, and inexpensiveness of construction with an ornamental appearance.

A further object is to produce a device of this character susceptible of an adjustment whereby articles in the rear and lower portions of the case may be as effectively exhibited as those in the front and rear portions of the case.

With these objects in view and others as hereinafter appear, the invention consists in certain novel and peculiar features of construction and organization as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing, in which—

Figure 1, is a vertical transverse section of a show case equipped with fixtures embodying my invention. Fig. 2, is a vertical section on the line II—II of Fig. 1. Fig. 3 is a vertical section on the line III—III of Fig. 1. Fig. 4, is an enlarged horizontal section on the line IV—IV of Fig. 1. Fig. 5, is a horizontal section on the dotted line V of Fig. 1. Fig. 6, is a vertical section on the dotted line VI of Fig. 1.

In the said drawings, 1 indicates a show case of any suitable or preferred type, 2 is the slide door controlling access to the case at its rear side, and 3 and 4 are plates uniting the sides and ends and top of the case together. It is to be understood that the construction of the case is immaterial but near each upper rear corner it will be equipped with a bolt 5 for a purpose which hereinafter appears.

6 indicates standards arranged within the

case near the rear corners of the same and 7 indicates a plurality of feet secured by screws or otherwise to the bottom of the case. Pivoted at 8 to the upper ends of the standards 6 are links, each consisting of two half bolts 9 and 10, fitted flatly together and a nut 11 engaging said half bolts to clamp them together after they have been adjusted to produce a link of the required length, the outer ends of half bolts 10 terminating in feet 12 through which bolts 5 extend, nuts 12^a engaging the inner ends of said bolts to retain the links in place.

13 are braces pivoted at their lower ends to standards 6 and terminating at their upper ends in offsetting forks 14, receiving bars 15 projecting forwardly from and pivotally secured to the upper ends of uprights 6, said bars 15 being notched to produce shoulders 15^a against which the forked ends of braces 13 bear to prevent either the bars or the braces collapsing when occupying the positions shown in Fig. 1.

16 indicates a plurality of hangers terminating at their upper ends in down-turned hooks 17 for engagement with bars 15 there being one or more hangers suspended from each of said bars, and 18 is a clamping screw carried by the hooked end of each hanger to secure the same at the desired point of adjustment on its companion bar, as shown clearly. Each bar is provided at its margins with angle flanges to form parallel guideways 19 for its full length and for the greater part of the length the bar is provided with a central longitudinal slot 20. Fitting slidably in each guideway 19 is a hanger 21, capable of swinging forwardly through the space between the guideways 19, said hangers being provided in their upper ends with ears 22 which project into the guideways and are capable of turning therewith to accommodate the swinging movement above referred to, and securing the hangers 21 to the hangers 16 are bolts 23, which extend through the slots 20 of hangers 16 and are engaged by wing nuts 24. The hangers 21 are provided at their lower ends with upturned hooks 25, of which the upwardly projecting arms are bifurcated as at 26.

27 are hooks like hooks 25, at the lower ends of short hangers 28 parallel with and spaced from the hangers 16 a sufficient distance to accommodate the upper ends of hangers 21, the hangers 28 being bent to dispose their upper ends flatly against the hangers 16 as at 29, secured to the hangers 16 by bolts 30, extending through slots 20 and engaged by clamping wing nuts 31.

From the above it will be seen that it is possible to adjust hanger 28 vertically on hanger 16, a distance almost equal to the length of the latter. Furthermore that it is possible to adjust hanger 21 so as to vary its distance from the bottom of the show case and from the hanger 28. If desired each hanger 21 may be equipped at its upper end with a short hanger 32 corresponding in all respects to hanger 28 except that it is not bent like the latter for spacing purposes, but fits flatly against hanger 21, the lower end of said hanger 32 terminating in a hook 33 corresponding to hooks 25 and 27.

34 are horizontal cross rods extending parallel with the face of the case, connecting aligned or opposite hooks of said hangers, each cross rod 34 being adapted to fit at its ends in the bifurcations of said hooks and to prevent said rods falling endwise out of the hooks, their ends are flared as at 35 as shown most clearly in Fig. 4. If it is desired to vary the distance between the front and rear hangers, they may be adjusted along the bars 15, the construction permitting of almost any adjustment necessary to effect an attractive display of merchandise, it being noted that because of the fact that the braces 13 are opposite the bars 15 which they support said braces do not interfere with the arrangement of the hangers at any point along the length of said bars except at the points where the braces and bars are engaged. When it is desired to withdraw the hangers from the case it will be found most convenient to first remove rods 34 and then swing the long hangers 21 with their ears 22 as the pivotal points, and then slide their pivoted ends downward from engagement with their respective bars 16, it being noted by reference to Fig. 1 that the conjoint length of hangers 16 and 21 is such that the latter would strike or come very near striking the bottom of the case before its upper end could be withdrawn from the hanger 16 unless it was possible to swing hanger 21 upwardly as explained.

After the hangers 21 are removed, hangers 16 can be readily removed by loosening screws 18 and slipping said hangers off bars 15. The braces 13 can then be dropped and permitted to swing down to vertical positions also. When it is desired to remove the

fixture from the case temporarily the nuts 12^a may be removed or the nuts 11 may be turned until the half bolts are separated to permit the standards to be removed. By reversing the manipulation described the parts may be restored to their original positions, it being understood that by tightening the wing nuts by which the vertically adjustable hangers are secured to the lower hangers 16, said adjustable hangers may be secured at any desired height.

From the above description it will be apparent that I have produced a show case fixture embodying the desirable features enumerated and I wish it to be understood that I reserve the right to make all changes properly falling within the spirit and scope of the appended claims.

I claim:—

1. A show case fixture, comprising a pair of standards, a pair of bars pivoted to and projecting forward from the upper ends of said standards, a pair of inclined braces pivoted to the standards and detachably interlocked at their upper ends to said bars to hold them in a substantially horizontal position, hangers slidably suspended from said bars, and hangers adjustable vertically on the first-named hangers and provided at their lower ends and inner sides with upturned hooks and cross bars detachably connecting the hooks of said hangers.

2. A show case fixture, comprising a pair of standards, a pair of bars pivoted to and projecting forwardly from the upper ends of said standards, a pair of inclined braces pivoted to the standards and detachably interlocked at their upper ends to said bars to hold them in a substantially horizontal position, hangers slidably suspended from said bars, hangers adjustable vertically on the first-named hangers and provided at their lower ends and inner sides with upturned hooks provided with bifurcations in their terminals, and cross bars connecting said hooks and fitting in the bifurcations thereof and provided with laterally flaring ends to prevent them being moved endwise and withdrawn from the hooks.

3. The combination with a show case of a pair of standards erected upon the bottom of the show case near the rear corners of the same, means connecting the upper ends of the standards with the upper rear corners of the show case, bars pivoted for movement in a vertical plane to said standards and adapted to project horizontally forward therefrom, braces pivoted to the standards for movement in vertical planes and detachably interlocked at their front ends with said bars to hold the same in substantially horizontal positions, hangers depending from

said bars and adjustable longitudinally thereof, means for securing said hangers at the desired point of adjustment on said bars, hangers vertically adjustable on the first-
5 named hangers, and cross rods detachably interlocked at their ends with the said vertically adjustable hangers.

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

ARTHUR YOAKAM.

Witnesses:

MAE HENDRICKSON,
J. M. LIEPMAN.

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