

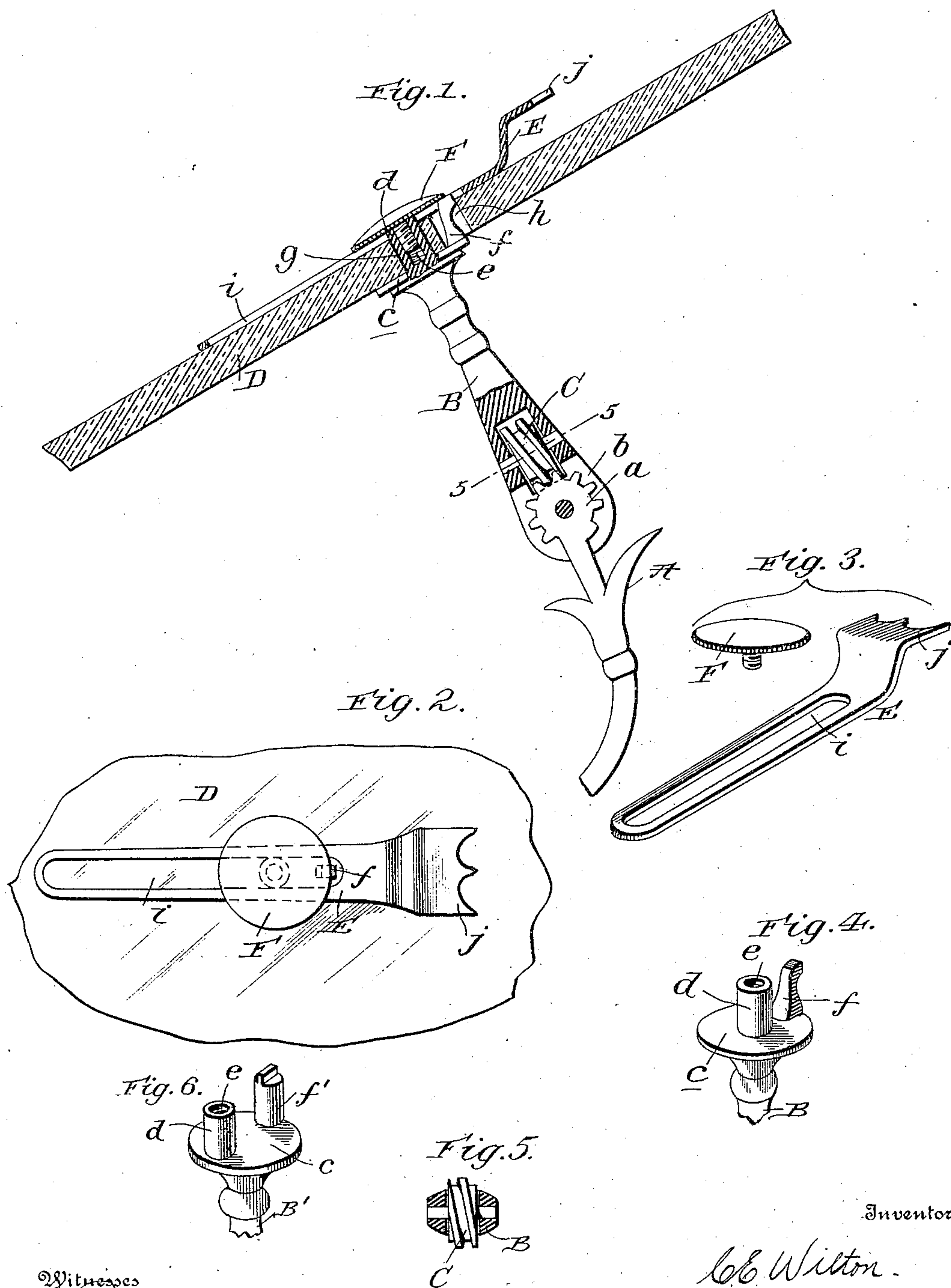
No. 773,242.

PATENTED OCT. 25, 1904.

C. E. WILTON.
DISPLAY DEVICE.

APPLICATION FILED NOV. 23, 1903. RENEWED SEPT. 2, 1904.

NO MODEL.



Witnesses
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By

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CARL EDWARD WILTON, OF BRISTOL, PENNSYLVANIA.

DISPLAY DEVICE.

SPECIFICATION forming part of Letters Patent No. 773,242, dated October 25, 1904.

Application filed November 23, 1903. Renewed September 2, 1904. Serial No. 223,146. (No model.)

To all whom it may concern:

Be it known that I, CARL EDWARD WILTON, a citizen of the United States, residing at Bristol, in the county of Bucks and State of Pennsylvania, have invented new and useful Improvements in Display Devices, of which the following is a specification.

My invention pertains to display devices, more particularly those comprising glass plates for supporting the articles to be displayed; and it consists in the novel and advantageous device hereinafter described, and particularly pointed out in the claims appended.

In the accompanying drawings, forming part of this specification, Figure 1 is a view, partly in vertical section and partly in side elevation, of the device constituting the preferred embodiment of my invention. Fig. 2 is a detail plan view illustrating the glass plate of the device, an article-holder thereon, and the screw connecting said plate and said article-holder to the arm on which they are mounted. Fig. 3 comprises disconnected perspective views of the screw and the article-holder. Fig. 4 is a perspective view of the upper end of the arm. Fig. 5 is a transverse section taken in the plane indicated by line 5 5 of Fig. 1 and showing the screw-thread in elevation. Fig. 6 is a view similar to Fig. 4, illustrating a modification.

Similar letters designate corresponding parts in all of the views of the drawings, referring to which—

A is a support which may be the bracket on the rod member of the display-stand forming the subject-matter of my contemporary application of even date herewith, Serial No. 182,387. The said support is provided at its upper end with a vertically-disposed gear *a*, formed integral therewith.

B is an arm having a bifurcated lower end *b*, pivoted on and receiving the gear *a* of the support A, and C is a spiral gear-wheel mounted in the arm at right angles to the gear *a* and intermeshed with the latter. The said gear-wheel extends beyond opposite sides of the arm, as shown in Fig. 5, this in order to enable the user of the device to place the arm in the position desired on the support A by turning said wheel with his thumb and fore-

finger. The arm is provided at its upper end with a rest *c*, preferably circular, a post *d*, extending upwardly from the rest and having a threaded socket *e*, and a lug *f*, also extending upwardly from the rest.

D is the glass plate, preferably circular, arranged on the rest *c* of arm B and having apertures *g h*, receiving the post *d* and lug *f*, respectively, as shown. E is the article-holder, arranged on the plate and having a slot *i*, receiving the post *d* and lug *f*, and also having a raised and toothed portion *j* at its upper end, and F is the screw for securing the plate D and holder E on the rest of arm B. The said screw has a shank which bears in the socket *e* and a head which bears on the upper side of the holder E, as illustrated.

In virtue of the post *d* and the lug *f* on arm B, resting in apertures *g h* of the glass plate, it will be observed that turning of the plate on the arm is precluded, and hence the necessity of turning the head of the screw F down so tight on the plate as to be liable to break the latter is obviated, which is an important advantage. It will also be observed that the post *d* and the lug *f* serve to prevent turning of the article-holder E without interfering with said holder being adjusted up and down on the plate and adjustably fixed with respect thereto. This adjustability of the article-holder will be appreciated as an important advantage when it is remembered that it is desirable to place the article to be displayed in the center of the plate D, and that when the toothed raised portion *j* of the holder is in engagement with the forward side of a shoe-heel, for instance, the shoe may be readily positioned and secured on the plate, as stated. When a large shoe is to be displayed, the holder E is moved upwardly and adjustably fixed through the medium of the screw F, while when a small shoe is to be shown the holder is moved down a suitable distance and adjustably fixed.

I prefer to employ the raised and toothed portion *j* on the holder E for engaging the article to be held, but do not desire to be understood as confining myself to said raised and toothed portion, as the holder may be provided with any other means for the pur-

pose stated without involving a departure from the scope of my invention.

Notwithstanding its material advantages as pointed out in the foregoing, it will be noticed
5 that my novel device is simple and inexpensive and is calculated to enhance rather than detract from the handsome appearance of a show-window or store-room.

The arm B' (shown in Fig. 6) differs from
10 the arm B of Fig. 4 in that its lug f' is round and has a reduced angular end adapted to enter the slot i of the holder E.

I have entered into a detailed description
15 of the construction and relative arrangement of the parts embraced in the present and preferred embodiment of my invention in order to impart a full, clear, and exact understanding of the same. I do not desire, however, to be understood as confining myself to such
20 specific construction and relative arrangement of parts, as such changes or modifications may be made in practice as fairly fall within the scope of my invention as claimed.

Having described my invention, what I
25 claim, and desire to secure by Letters Patent, is—

1. In a display device, the combination of a support having a fixed gear, a swinging arm having a bifurcation pivotally connected to
30 and receiving the gear of the support, and a spiral gear-wheel mounted in the swinging arm, at right angles to the fixed gear, and intermeshed with said gear; the said spiral gear-wheel projecting beyond opposite sides of the
35 swinging arm to permit of it being grasped with the thumb and forefinger.

2. In a display device, the combination of a rest, a post thereon, a plate arranged on the rest, and having an aperture receiving the
40 post, and an article-holder connected to the post, and adjustable on the face of the plate.

3. In a display device, the combination of a rest, a post thereon, a plate arranged on the rest, and having an aperture receiving the
45 post, an article-holder arranged on the face of

the plate, and having a slot, and means connecting said holder and the post, and extending through the slot of the former.

4. In a display device, the combination of a rest, a post thereon, a plate arranged on the
50 rest, and having an aperture receiving the post, an article-holder arranged on the face of the plate, and having a slot, and also having a raised and toothed portion at one end, and means connecting said holder and the post, and
55 extending through the slot of the former.

5. In a display device, the combination of a rest, a post rising from the rest, and having a threaded socket, a plate arranged on the rest and having an aperture receiving the post,
60 an article-holder arranged on the face of the plate, and having a slot receiving the post, and a screw having a shank disposed in the socket of the post, and a head bearing on the
65 slotted holder.

6. In a display device, the combination of a rest, a post and a lug rising from the rest, a plate arranged on the rest and receiving the post and the lug, an adjustable article-holder
70 arranged on the plate and in engagement with the post and the lug, and a screw connecting said holder and the post.

7. In a display device, the combination of a rest, a post rising from the rest, and having a threaded socket, a lug also rising from the
75 rest, a plate arranged on the rest, and having apertures receiving the post and the lug, an article-holder arranged on the plate, and having a slot receiving the post and the lug, and a screw having a shank disposed in the socket
80 of the post, and a head bearing on the article-holder.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CARL EDWARD WILTON.

Witnesses:

THOS. G. LESLIE,
JOHN T. THORNE.