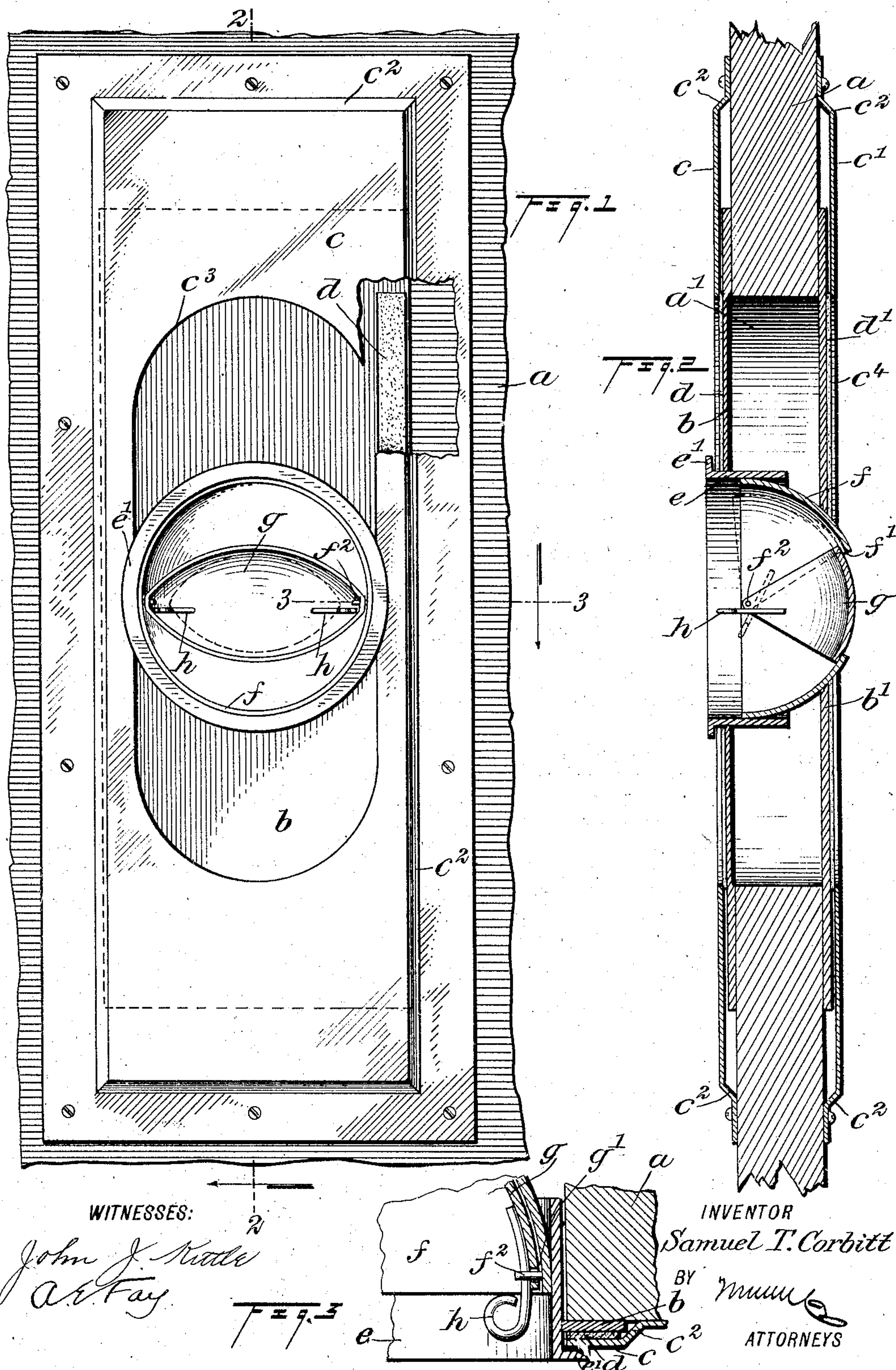


No. 790,110.

PATENTED MAY 16, 1905.

S. T. CORBITT.  
DOOR WICKET.

APPLICATION FILED DEC. 15, 1904





# UNITED STATES PATENT OFFICE.

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## DOOR-WICKET.

SPECIFICATION forming part of Letters Patent No. 790,110, dated May 16, 1905.

Application filed December 15, 1904. Serial No. 237,044.

*To all whom it may concern:*

Be it known that I, SAMUEL T. CORBITT, a citizen of the United States, and a resident of Enid, in the county of Garfield and Territory of Oklahoma, have invented a new and Improved Door-Wicket, of which the following is a full, clear, and exact description.

My invention relates to a movable wicket for doors, to provide means whereby a person within a room or house may observe people and things outside the door without opening the door; and the principal object of the invention is to provide for giving a very wide range of vision without making a large opening through which the interior of the room or building can be seen from without.

Other objects of the invention are to provide for closing the opening, to so construct the device as to permit it to be given a neat appearance upon the outside, to provide for adjusting the wicket in numerous positions and securing it in its adjusted positions, and to protect the interior from the difference in temperature which may exist between it and the exterior.

Further objects of the invention will appear in the subjoined description.

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 figures.

Figure 1 is an elevation of a portion of the inside of a door, showing a practical embodiment of my invention applied thereto, parts being broken away to show interior construction. Fig. 2 is a sectional view on the line 2 2 of Fig. 1; and Fig. 3 is a sectional view, on an enlarged scale, on the line 3 3 of Fig. 1.

A door *a* is provided with an opening *a'*, which is elongated and is preferably located with its longest axis in a vertical direction. Upon the opposite sides of the door and covering the opening are a pair of plates *b* and *b'*. These plates are secured in position upon the door by another pair of plates *c* and *c'*, also mounted upon opposite sides of the door. These plates are spaced from the door and are provided with inturned edges *c''*, by means of which they are secured to the door in any desired manner. It will be readily understood

that the plates *b* and *b'* are held between the opposite surfaces of the door, and the plates *c* and *c'* may be slid up and down in the spaces thus provided. The plates *b* and *b'* are provided with pads *d* and *d'* upon the opposite edges of their exterior faces. These pads being secured to the movable plates and being pressed against the inner faces of the stationary plates *c* and *c'* will retard the movements of the movable plates, and preferably being made of rubber, felt, or similar material they will serve to hold the movable plates in any position in which they may be placed with respect to the stationary plates. They may therefore be considered as means for retaining the movable plates in adjusted positions.

The wicket proper comprises two parts—a collar *e*, mounted in the plate *b*, and a concave or conical cup *f*, mounted on the plate *b'*. The collar *e* is provided with a flange *e'* to extend over the joint between the collar and the plate, so as to hide the same and also to engage with the edges of the plate *c*, which is provided with an opening *c''* of similar shape to the opening *a'* for permitting the collar to slide in it. It will be readily understood that the flange *e'* projecting over the edge of this opening constitutes a retaining device and guide for the collar *e*. The cup *f* may be secured to the plate *b'* in any desired manner, and the plate *c'* is provided with an elongated opening *c'''* for permitting the cup to be moved in the plate *c'*. The inner edge of the cup, which is also its flaring or widest edge, is preferably so constructed as to be received within the collar *e* when the parts are assembled.

The cup or shell *f* is provided with an opening *f'*, through which a view may be obtained from the interior of the room. A spherical cut-off plate or gate *g*, corresponding to the shape of the cup, is also provided for closing this opening when desired. This plate is preferably pivoted to the cup by means of studs *f''* on the cup *f* slightly below its center and passing into holes *g'* in the cut-off plate. By this construction the gate fits tightly in the shell when closed and exerts a pressure on it to prevent the passage of sound. The gate is provided with a pair of handles *h*, designed to assist in the operation of the device, so as to



open and close the opening  $f'$ . These handles may be soldered to the inside of the cut-off plate, and they may be in one piece extending from one side of the plate to the other through-  
5 out the length thereof.

The operation of the device will be readily understood, and it will be seen that by moving the wicket up and down in the elongated holes provided in the door and the cover-  
10 plates  $c$  and  $c'$  a wide range of vision may be obtained to accommodate people of all statures. It will also be seen that on account of the flaring shape of the cup  $f$  a wider range of vision may be obtained when the wicket is stationary  
15 than would be the case if the opening  $f'$  were extended through the door the same size from one side to the other. It will also be observed that on account of the pads  $d$  and  $d'$  the device can be placed in any desired position in  
20 the openings and retained in that position without the employment of any locking means or any particular manipulation of the device, except to place it in the desired position.

The device is simple and not likely to get  
25 out of order, and ample provision is made for protecting the interior from the passage of sound.

While my invention is capable of general use, it is especially valuable when applied to  
30 lodge-doors.

While I have illustrated and described a particular embodiment of my invention, it will be readily understood that the latter is not strictly limited thereto and that many changes  
35 may be made in the form shown without departing from the spirit of the invention as set forth in the claims.

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

40 1. A door-wicket comprising a movable collar, and a tapering shell having its larger end located within the collar.

2. A door-wicket, comprising a collar, a tapering cup or shell having an opening in its  
45 smaller end, and a gate for closing said opening.

3. A door-wicket comprising a collar, a shell having an opening in its end opposite the collar, said shell being located partly with-  
50 in the collar, and a gate for said opening pivoted to the shell.

4. A door-wicket, comprising a collar, a shell located partly within the collar, projecting therefrom and provided with an opening  
55 in its end opposite the collar, a gate pivoted

to said shell at a point within the collar, and a handle on the gate for swinging it about its pivot.

5. A door-wicket, comprising a pair of slidable plates, a collar mounted upon one of said  
60 plates, and a shell adapted to communicate with said collar and mounted upon the other plate.

6. A door-wicket, comprising a pair of slidable plates, a collar mounted upon one of said  
65 plates, a shell adapted to communicate with said collar and mounted upon the other plate, and means for retaining the plates in adjusted positions upon the door.

7. The combination with a door having an  
70 elongated opening, of a pair of slidable plates mounted upon opposite sides of the door over said opening, a collar mounted upon one of said plates, and a shell mounted upon the other plate and communicating with the collar. 75

8. The combination with a door having an elongated opening, of a pair of plates secured to opposite sides of the door and each provided with an elongated opening registering with the opening in the door, said plates being  
80 spaced from the door, a pair of plates movably mounted upon opposite sides of the door, each being between the door and one of the plates secured to it, and a door-wicket mounted upon said movable plates. 85

9. The combination with a door having an elongated opening, of a pair of plates secured to opposite sides of the door and each provided with an elongated opening registering with the opening in the door, said plates being  
90 spaced from the door, a pair of plates movably mounted upon opposite sides of the door, each being between the door and one of the plates secured to it, a door-wicket mounted upon said movable plates, and rubber pads  
95 mounted upon the movable plates and engaging with the plates secured to the door.

10. The combination with a door having an opening therethrough, of a wicket having an opening, and means for closing said opening,  
100 said wicket being movable in the opening in the door.

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

SAMUEL T. CORBITT.

Witnesses:

C. P. FILLEBROWN,

J. D. MINTON.