

979,267.

C. B. DIX.
WINDOW ATTACHMENT.
APPLICATION FILED SEPT. 17, 1910.

Patented Dec. 20, 1910.

2 SHEETS—SHEET 1.

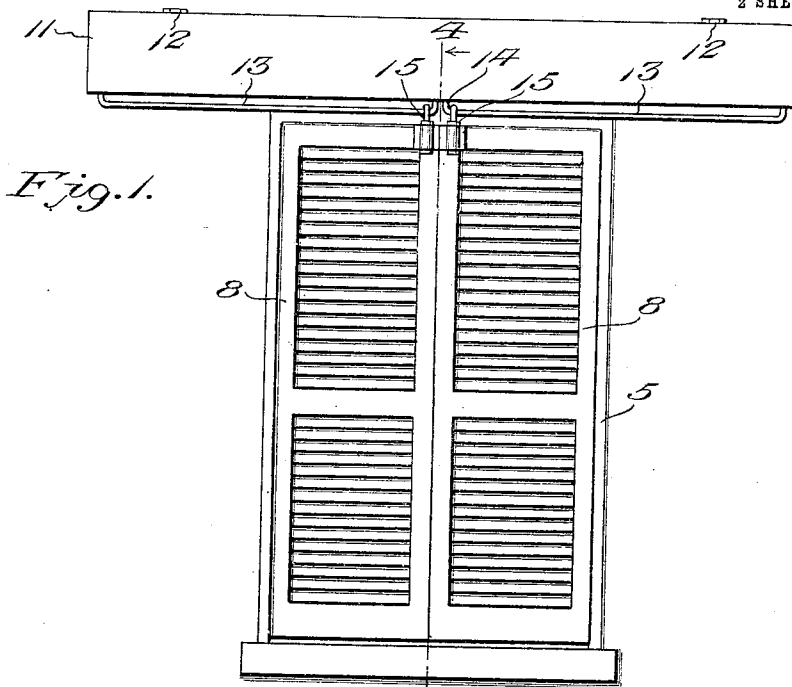


Fig. 1.

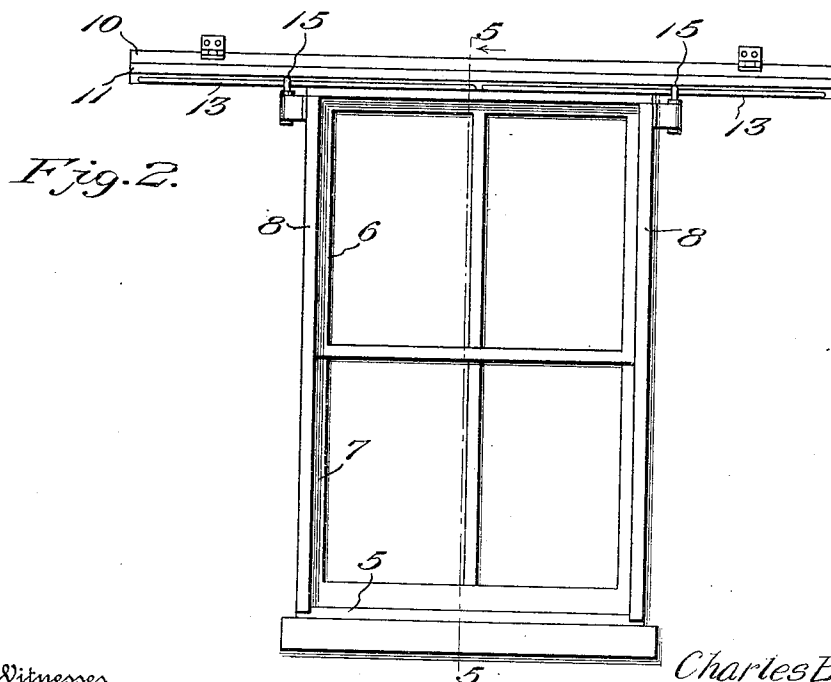


Fig. 2.

Witnesses

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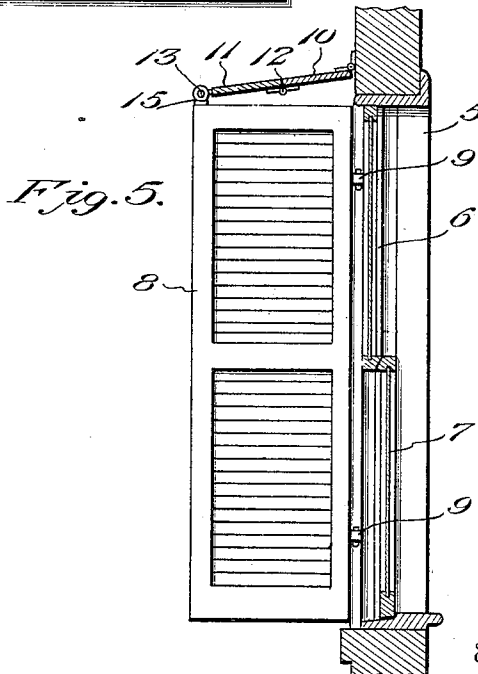
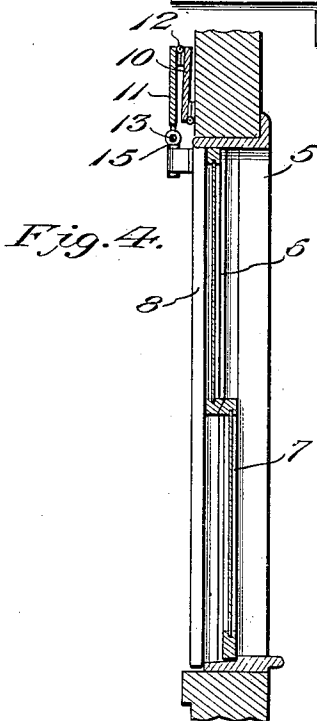
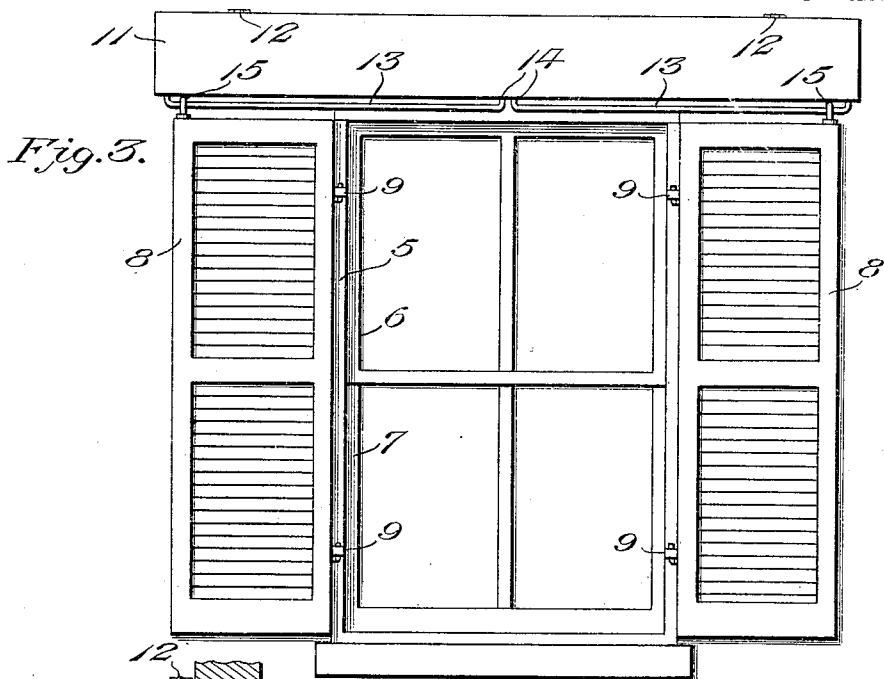
Attorney

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Witnesses

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UNITED STATES PATENT OFFICE.

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WINDOW ATTACHMENT.

979,267.

Specification of Letters Patent.

Patented Dec. 20, 1910.

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To all whom it may concern:

Be it known that I, CHARLES BENTON DIX, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Window Attachments, of which the following is a specification.

This invention relates to a window attachment and more particularly to the class of blinds for windows, doors or the like.

The primary object of the invention is the provision of a blind of this character in which on the partial opening of the shutters of a window, the said blind will be automatically moved to position whereby it will serve as a canopy or awning thus protecting such window from sunlight, snow or rain.

Another object of the invention is the provision of a blind which may be automatically unfolded and folded on the opening and closing of the shutters of a window, the blind being unfolded when the shutters have been partially open and folded when such shutters have been closed or entirely opened.

A further object of the invention is the provision of a blind which is simple of construction, thoroughly reliable and efficient in operation and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the claims hereunto appended.

In the drawings:—Figure 1 is a front elevation of a window with its outside shutters and the blinds applied thereto constructed in accordance with the invention.

Fig. 2 is a similar view with the shutters in partially open position. Fig. 3 is a similar view with the shutters entirely open. Fig. 4 is a sectional view on the line 4—4 of Fig. 1. Fig. 5 is a sectional view on the line 5—5 of Fig. 2.

Similar reference characters are employed to designate corresponding parts in the several figures.

Referring to the drawings by numerals, 5 designates the frame of a window of the ordinary well-known construction provided with the usual upper and lower sashes 6 and 7 and to this frame 5 are connected the ordinary well-known outside swinging

shutters 8 by means of hinges 9, the said shutters being opened and closed in the usual way.

Suitably secured above the head of the window frame 5 to the wall of a building is a folding blind comprising inner and outer sections 10 and 11, respectively, the outer section 11 being connected to the inner section 10 by means of hinges 12 each having its leaves secured to the under faces on the said sections so that on the folding of the blind the outer section 11 will swing inwardly against the inner section 10 above the window frame. The length of these sections 10 and 11 may be varied as occasion may require and likewise their width.

Secured to the free or longitudinal edge of the outer section 11 are substantially U-shaped guide rods 13 each having its ends 14 secured in any suitable manner to the section 11 so that the cross connecting portions of both rods will aline with each other, the inner ends 14 of the rods being secured to the section 11 contiguous to each other. Suitably connected to the upper edges of the shutters 8 near their abutting free longitudinal edges are swiveled eyes 15, the latter being slidably engaged with the guide rod 13 so that on the partial opening of the shutters 8 the blind will be automatically unfolded thus serving as an awning to shield the window frame from sunlight, snow or rain. When the shutters 8 are being closed the said blind will automatically fold and assume the position as shown in Fig. 1 of the drawing. On the swinging of the shutters 8 to open position the blind is automatically folded to assume the position, as shown in Fig. 3 in the drawing.

It is obvious that the blind is only in position for service as an awning when the shutters have been brought to partial open position or in other words, when the same are half open. It will be readily seen that the blind is automatically operated and that when unfolded fully protects the window from rain, sleet, snow or the sun rays.

From the foregoing it is thought that the construction and operation of the invention will be clear and, therefore, a more extended explanation has been omitted.

What is claimed, is:—

1. The combination with a window having swinging shutters, of a blind comprising

inner and outer hinged foldable sections, the innermost section of the blind being suitably secured above the head of the window, and connections between the outer section of the blind and the shutters whereby on partially opening the latter the said sections of the blind will be unfolded.

2. A blind for shutters comprising inner and outer hinged sections, the innermost section being suitably hinged above the head of a window, guide rods fixed to the free longitudinal edge of the outermost section of the blind, and eyes slidably connected with the said guide rod and swiveled to the upper edges of the shutters whereby on the opening of the latter the sections of the blind will be unfolded and also on the closing of

such shutters the sections of the blind will be folded.

3. The combination with swinging shutters, of a blind comprising a plurality of hingedly connected sections and means connecting the blind to the shutters whereby on partially opening of the latter the blind will be unfolded and also on the closing or full opening of such shutters the said blind will be folded.

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

CHARLES BENTON DIX.

Witnesses:

HATTIE RADDATZ,
MAE DECHERT.