

No. 607,232.

Patented July 12, 1898.

M. GLÜCK.

COMBINATION WINDOW SHUTTER AND AWNING.

(Application filed July 23, 1897.)

(No Model.)

2 Sheets—Sheet 1

Fig. 1

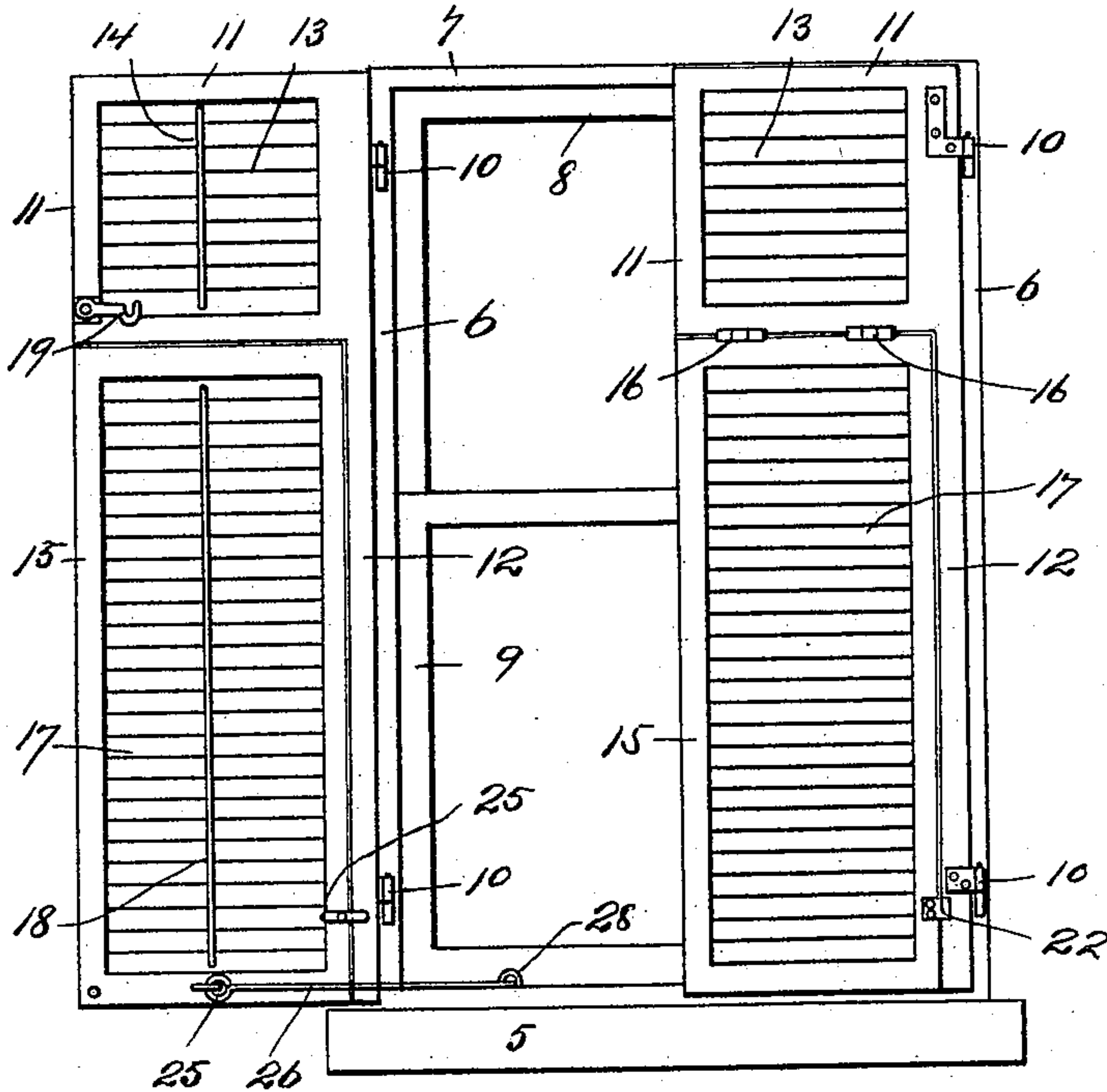
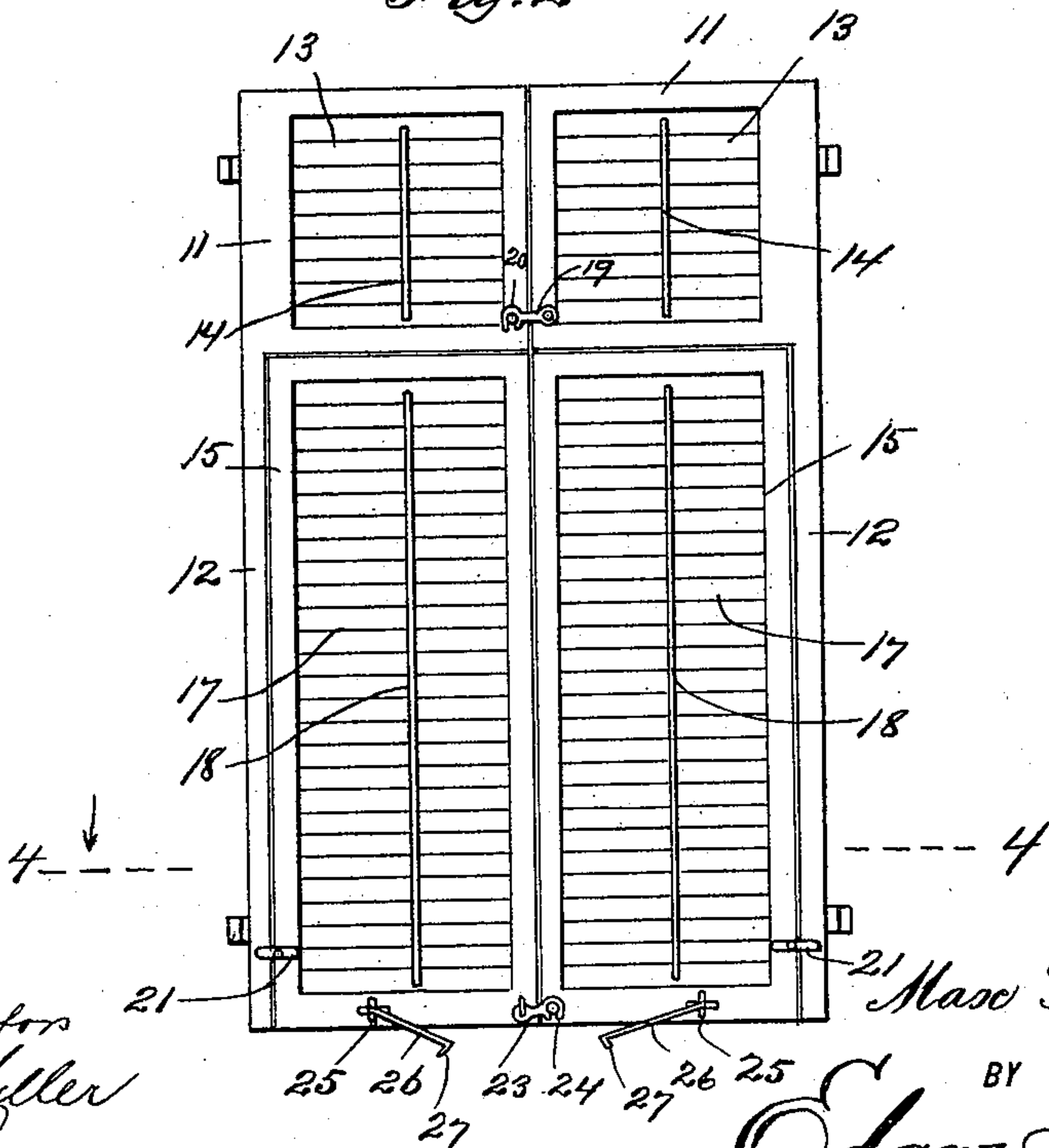


Fig. 2



WITNESS

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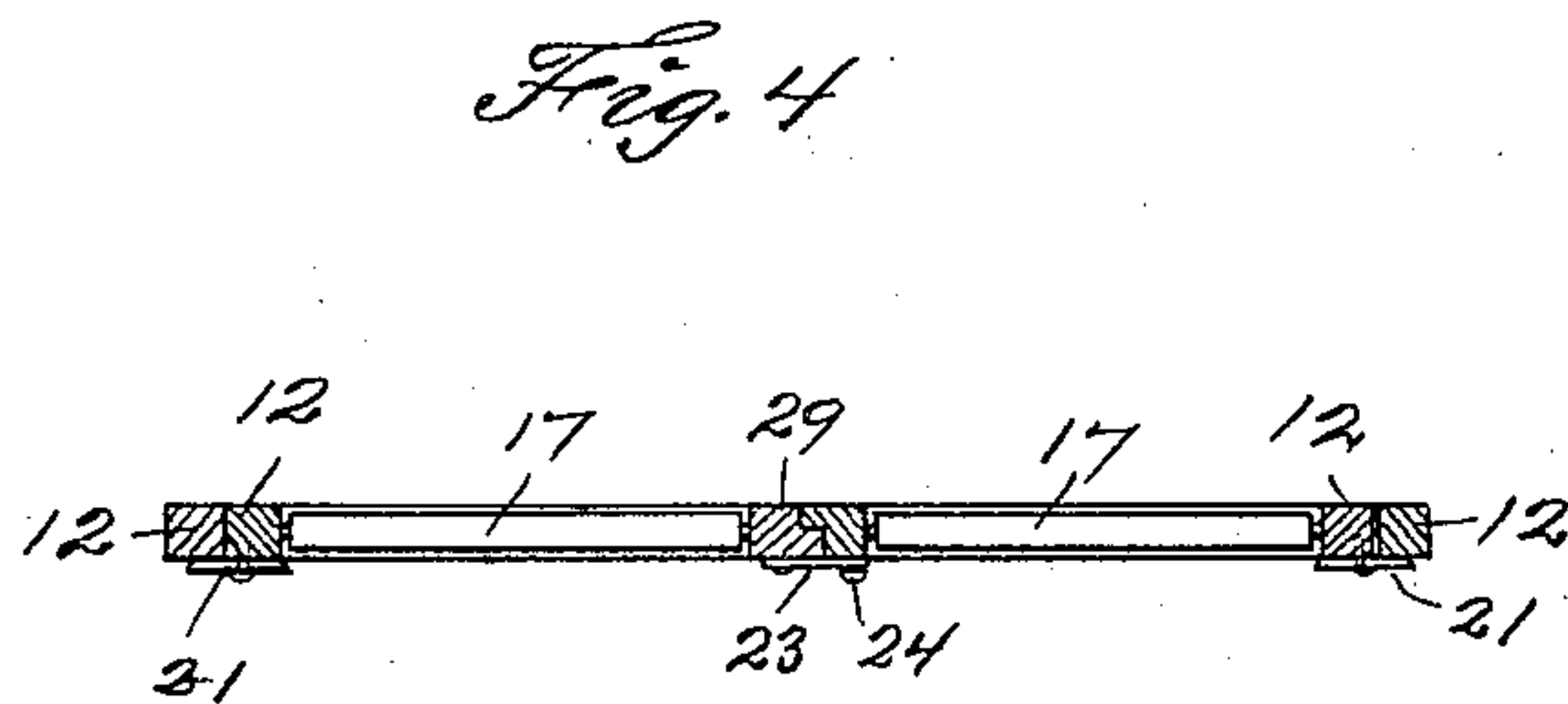
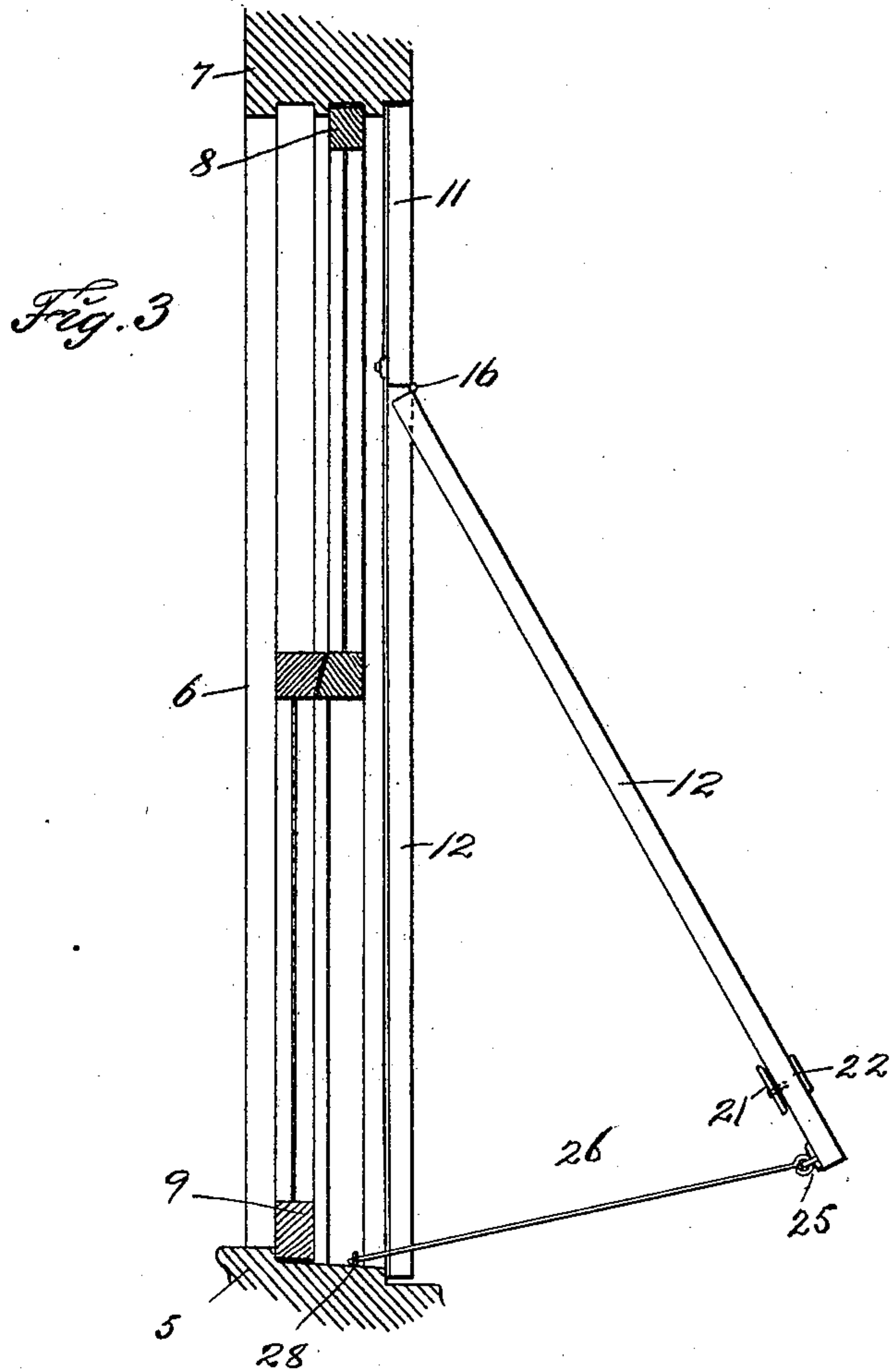
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WITNESS

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# UNITED STATES PATENT OFFICE.

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## COMBINATION WINDOW-SHUTTER AND AWNING.

SPECIFICATION forming part of Letters Patent No. 607,232, dated July 12, 1898.

Application filed July 23, 1897. Serial No. 645,647. (No model.)

*To all whom it may concern:*

Be it known that I, MAX GLÜCK, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in a Combination Window-Shutter and Awning, of which the following is a full and complete specification, such as will enable those skilled in the art to which it ap-  
10 pertains to make and use the same.

This invention relates to window-shutters; and the object thereof is to provide improved devices of this class which may be used as ordinary shutters and also, when desired, as  
15 awnings.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side view of a window-frame  
20 provided with my improved shutters, one of which is open and the other closed; Fig. 2, an inside view of the shutters when in the closed position, the frame of the window being omitted; Fig. 3, a sectional side view of  
25 the frame of the window and the end of the sashes mounted therein and showing the shutters in full lines in the position they occupy when used as an awning, and Fig. 4 a section on the line 4 4 of Fig. 2.

30 In the drawings forming part of this specification like parts of my improvement are designated by the same numerals of reference in each of the views. In said drawings, reference being made to Figs. 1 and 3, I have  
35 shown a window-frame comprising a base-sill 5, vertical sides 6, and a top 7, and mounted therein are the usual upper and lower sashes 8 and 9, and in the practice of my invention I provide window-shutters which are hinged  
40 to the sides of the frame at 10 in the usual manner.

Each of the window-shutters consists of a main frame 11, which is rectangular in form and the back portion of the frame of which is  
45 extended downwardly, as shown at 12, the full length of the entire shutter, and the main frame 11 is provided with the usual cross-slats 13, which are free to turn therein and which are connected by a vertical rod 14 in  
50 the usual manner. I also employ supplemental shutters 15, which are hinged to the bottom of the main frames 11 at 16, and the

supplemental shutters 15 extend downwardly to the bottom of the downwardly-directed extensions 12 of the main shutters, and said  
55 supplemental shutters 15 also consist of frames provided with cross-slats 17, which are connected by vertical rods 18 in the usual manner, and said supplemental shutters are free to swing outwardly on their hinges at 16,  
60 by which they are connected with the main-shutter frames.

One of the main-shutter frames is provided on its inner side and at the outer edge thereof with a pivoted hook 19, which is adapted to  
65 operate in connection with the headed pin or similar device 20, by which the main-shutter frames may be connected, and the supplemental-shutter frames are also provided on their inner sides and adjacent to the down-  
70 wardly-directed extensions 12 of the shutter-frame with pivoted catches 21, which are adapted to be turned transversely into the position shown in Fig. 2, and on their outer surfaces are secured plates 22, and by means  
75 of the pivoted catches 21 and the plates 22 the lower ends of the supplemental shutters may be secured to the lower ends of the downwardly-directed extensions 12 of the main frames. One of the supplemental-shutter  
80 frames is also provided at its lower end and on the inner side thereof with a pivoted catch 23, which operates in connection with a headed pin 24, secured to the opposite supplemental-shutter frame, and by means of this  
85 construction the supplemental-shutter frames may be locked together, as shown in Fig. 2, and the lower ends thereof also locked to the downwardly-directed extensions 12 of the main-shutter frames, and when thus con-  
90 nected the said shutters will operate as ordinary shutters, and the main and supplemental shutters being locked together will swing back and forth on the hinges at 10 and operate as a single continuous shutter, and  
95 these shutters may be connected by the hinged catches 19 and 23 in the usual manner when closed, and by turning the pivoted catches 21 into the vertical position the lower ends of the supplemental-shutter frames may  
100 be swung outwardly, as shown in Fig. 3, and thus serve as an awning.

Pivotally connected with the bottom of each of the supplemental-shutter frames, as shown



at 25, are rods 26, which are provided at their free ends with hooks 27, and these hooks are adapted to operate in connection with staples, rings, or hooks 28, secured to the bottom 5 of the window-frame, and are intended for use in holding the supplemental-shutter frames in the position shown in Fig. 3, and it will thus be seen that I accomplish the object of my invention by means of devices which are simple in construction and operation and which are perfectly adapted to accomplish the result for which they are intended.

The inner or adjacent sides of the supplemental-shutter frames are preferably provided with rabbet-grooves, as shown at 29 in Fig. 4, and the inner edges of the main sash-frames may be similarly provided, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. The combination with a window-frame, of two shutters hinged to the sides thereof and each comprising a main-shutter frame to the lower end of the upper projecting part of which a supplemental shutter is hinged, the free or swinging sides or edges of the said upper part of the main-shutter frames and the outer edges of the supplemental shutters being in alinement and the width of said parts being such that when the shutters are closed the free or swinging sides or edges of the main shutter and the outer edges of the supplemental shutters meet or are in contact, means for locking the supplemental shutters to the main-shutter frames, means for lock-

ing together the meeting edges of the main-shutter frames, means for locking together the meeting edges of the supplemental shutters, and means for elevating and sustaining the lower ends of the supplemental shutters, substantially as described.

2. The combination with a window-frame, of two shutters hinged to the sides thereof, and each comprising a main-shutter frame having a depending extension at its hinged side and a supplemental shutter hinged to the lower end of the upper projecting part of the main-shutter frame and closely fitting against the inner face of the said extension, the free or swinging sides or edges of the said upper part of the main-shutter frames and the outer edges of the supplemental shutters being in alinement and the width of said parts being such that when the shutters are closed the free or swinging sides or edges of the main-shutter frames and the outer edges of the supplemental shutters meet or are in contact, means for locking the supplemental shutters to the said extensions, means for locking together the meeting edges of the main-shutter frames, means for locking together the meeting edges of the supplemental shutters, and means for elevating and sustaining the lower ends of said supplemental shutters, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 21st day of July, 1897.

MAX GLÜCK.

Witnesses:

M. A. KNOWLES,  
L. M. MULLER.