

16
 PARTITIONS & PANELS.
 PORTABLE.
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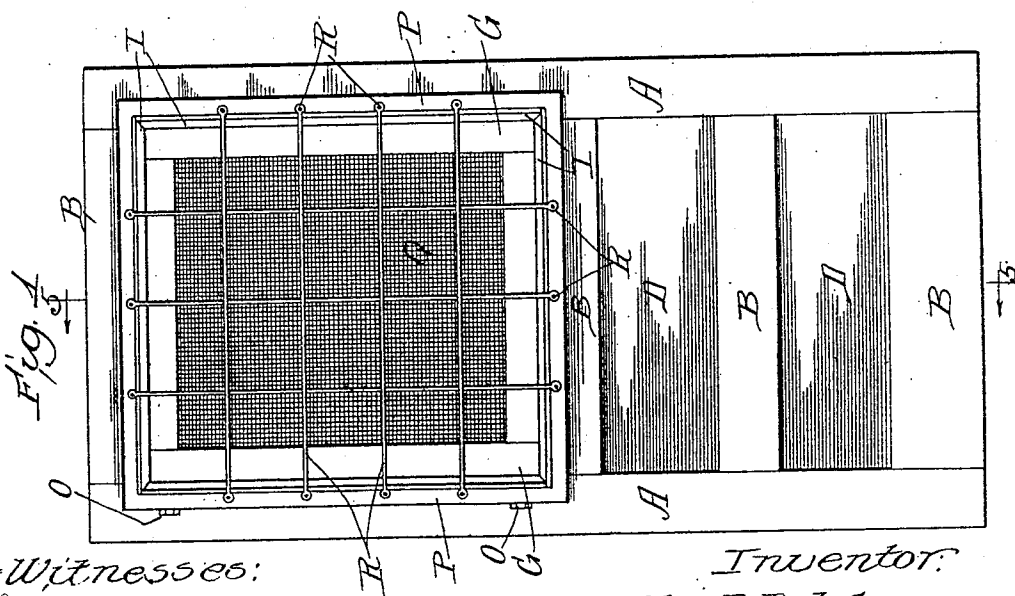
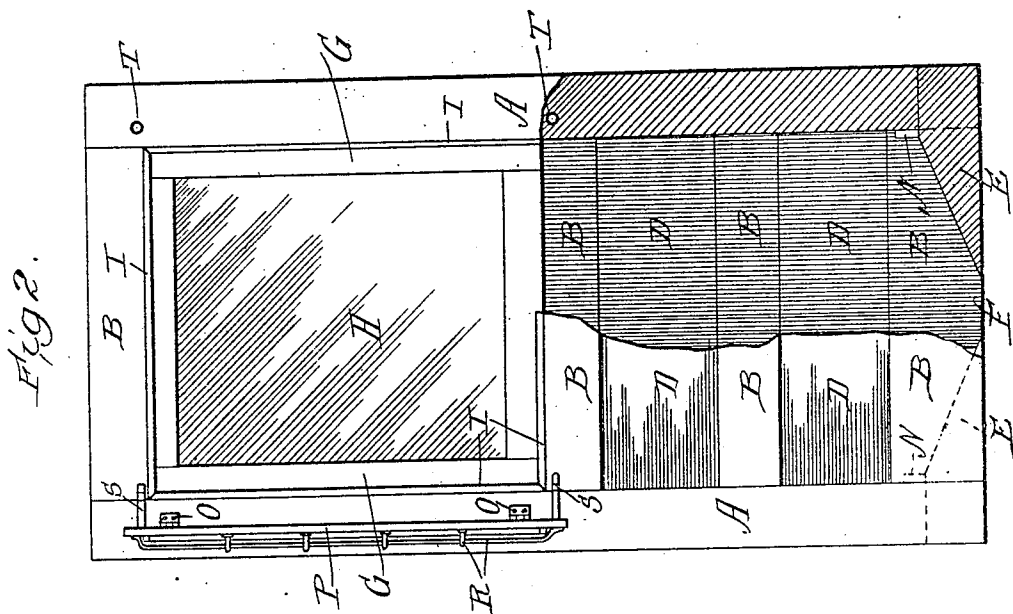
No. 810,923.

PATENTED JAN. 30, 1906.

J. D. DOBELMAN.
DOOR.

APPLICATION FILED JULY 17, 1905.

2 SHEETS—SHEET 1.



Witnesses:
 Harry R. L. White
 Ray White.

Inventor:
 John D. Dobelman,

By Morgan & Brewster Attys

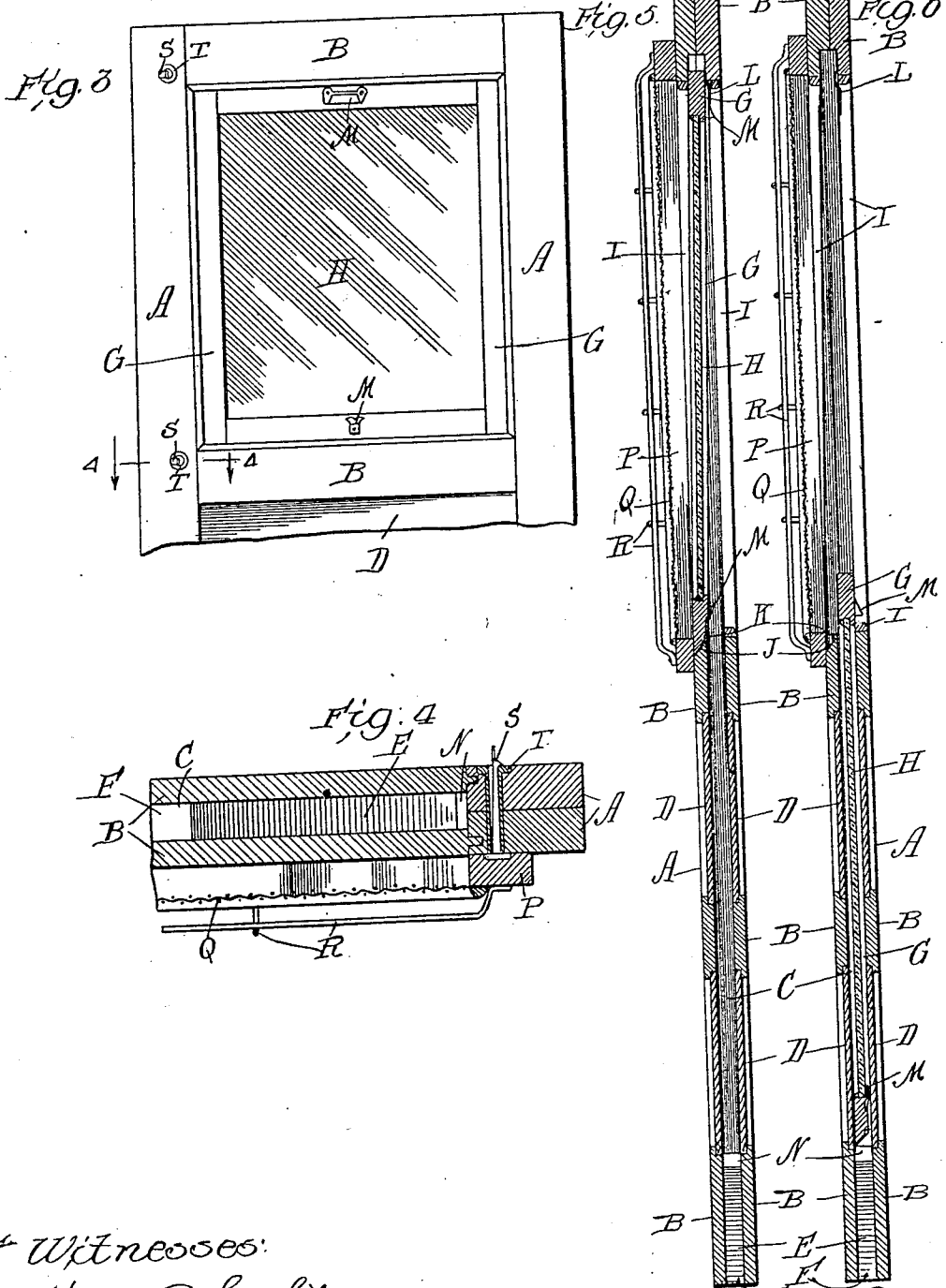
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UNITED STATES PATENT OFFICE.

JOHN D. DOBELMAN, OF CHICAGO, ILLINOIS.

DOOR.

No. 810,923.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed July 17, 1905. Serial No. 270,071.

To all whom it may concern:

Be it known that I, JOHN D. DOBELMAN, a citizen of the United States, residing at 1366 West Seventy-Fourth Place, in the city of Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Doors, of which the following is a specification.

My improvement relates to that class of doors adapted for dwellings and like purposes.

The object of my invention is to provide a door which combines the essential requirements of the ordinary door and a screen-door and that can be changed at pleasure for a screen or a solid door, thereby securing the advantages of both and avoid the expense and inconvenience of the ordinary screen-door.

The manner in which I accomplish my object is set forth in the following specification and illustrated in the accompanying drawings, in which—

Figure 1 is an outside elevation of the door, window, and screen complete and closed and barred. Fig. 2 is an outside elevation of the door with window closed, screen open, and part of the stile, rails, and panels broken away. Fig. 3 is an inside view of the upper part of the door with the window closed. Fig. 4 is a cross-section on the line 4 4 of Fig. 3. Fig. 5 is a vertical section on the line 5 5 of Fig. 1. Fig. 6 is the same sectional view with the window-sash lowered into the lower half of the door.

In the drawings, A designates the stiles of the door. These are made double or single. The rails B in the lower part of the door are double and separated to provide a space C. The top rail may be constructed the same way as the stiles. The panels D inclose the space C. The bottom of this space is formed by the inclined pieces E, which are secured between the bottom rails and stiles. These inclines are designed to strengthen and close the bottom of the door and to permit the passage of all dirt through the opening F. The upper part of the door between the stiles and rails is adapted to contain a window-sash G, having a glass H. This sash is held in place by suitable stops I on the stiles and rails

when the sash is closed. This sash is adapted to be lowered into the space C, in which it rests on suitable stops N, affixed on the stiles. When the sash is closed, as shown in Figs. 2, 3, and 5, the bottom of the sash rests on the beveled top J of the middle rail and against the lip K, which may be attached to or be part of said rail. This arrangement is designed to hold the sash in position and exclude water. The top of the sash is held firmly against the stops I at the top by a suitable spring L. Suitable lifts M are attached to the sash to facilitate the raising and lowering thereof. Secured to the stile of the door by the hinges O is a screen-frame P. This frame is provided with a wire screen Q. Over this screen and secured to the frame P is a metallic guard R. This guard may be formed of separate bars or be an ornamental grill formed of one piece. Secured on the inside of the stile of the frame P are two spring-catches S. These catches are adapted to enter and be secured in the bushings T, which are fixed in the stile of the door, as shown in Fig. 4. By this arrangement the frame P when closed is locked and can be opened only from the inside, and this makes the open window or broken window secure against entrance from the outside. Suitable fastenings may be placed on the inside of the window-sash to lock it when closed. The frame P may be easily removed in winter or whenever it is necessary or desirable.

There are many equivalents for the hinges and catches by which the frame P is supported and secured on the door. I therefore do not limit myself to those shown and described.

What I claim as new, and desire to secure by Letters Patent, is—

In a door of the kind described, the combination consisting of a main body formed of the stiles A, rails B, the center rail B having bevel edge J and a lip K, panels D, and inclined pieces E; a pair of bushings T fixed in one of said stiles; a window-sash G supporting a window-glass H; said sash being adapted to be moved vertically in said main body; means for supporting said sash in a closed or open position in said main body; a frame P

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pivotaly supported on the upper outside part
of said main body and adapted to be swung
open horizontally; a pair of spring-catches
fixed to said frame and adapted to enter said
5 bushings and to thereby lock said frame to
said main body; a wire screen Q fixed on said
frame; and a metallic guard covering said

screen and affixed to said frame, substantially
as described and for the purposes specified.

JOHN D. DOBELMAN.

Witnesses:

JOSEPH STAB,

THOMAS J. MORGAN.