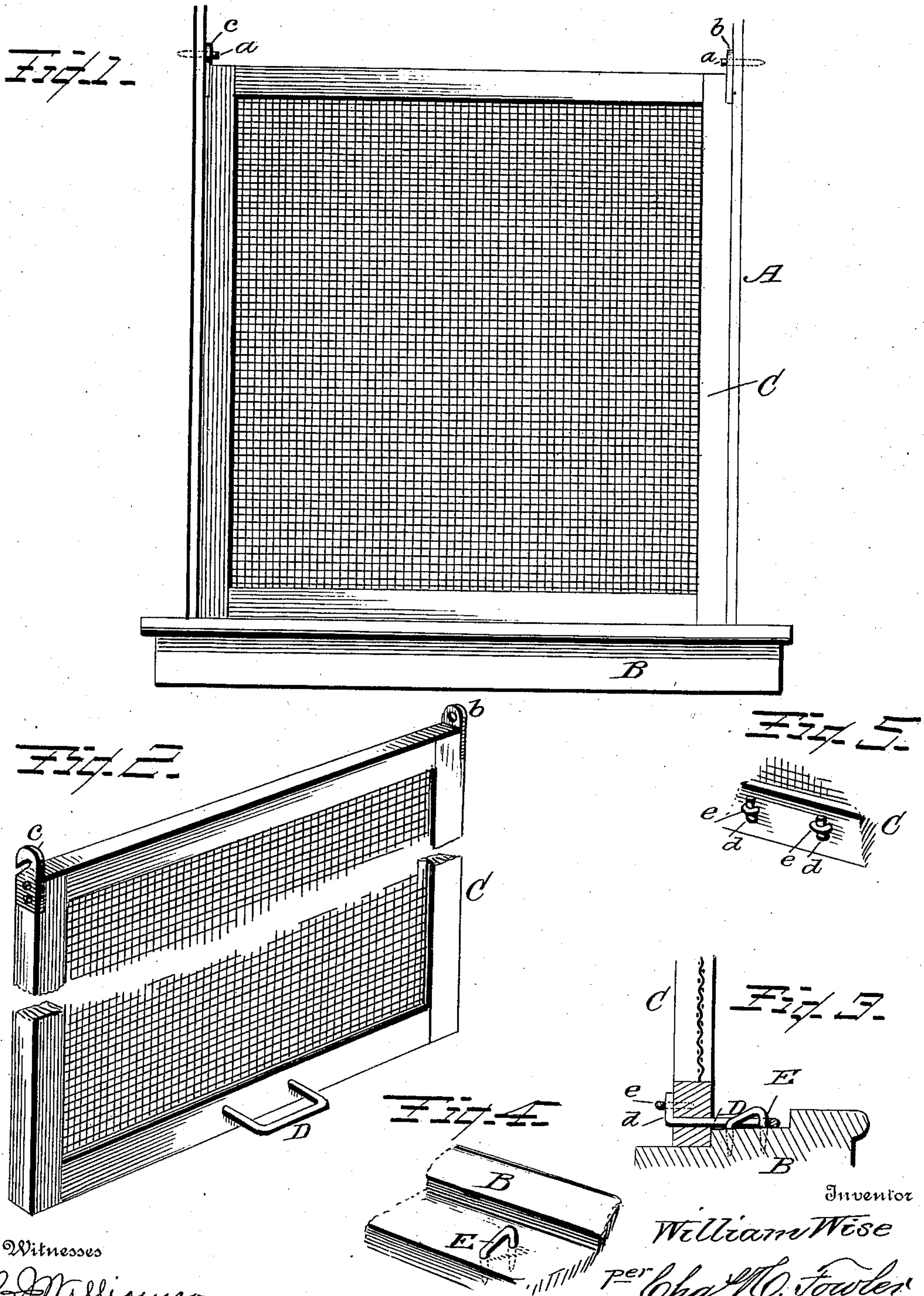


No. 785,144.

PATENTED MAR. 21, 1905.

W. WISE.  
WINDOW FRAME SCREEN.  
APPLICATION FILED MAY 25, 1904.



Witnesses

*G. Williams*  
*M. E. Moore*

Inventor

*William Wise*

Per *Cha. M. Fowler*

Attorney



# UNITED STATES PATENT OFFICE.

WILLIAM WISE, OF KANSAS CITY, MISSOURI.

## WINDOW-FRAME SCREEN.

SPECIFICATION forming part of Letters Patent No. 785,144, dated March 21, 1905.

Application filed May 25, 1904. Serial No. 209,682.

*To all whom it may concern:*

Be it known that I, WILLIAM WISE, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Window-Frame Screens; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a screen for windows that may be readily attached thereto and removed therefrom, as found desirable, and when in place securely fastened to the frame of the window without danger of its being accidentally detached; and it consists of a detachable screen constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a front elevation of the lower portion of a window-frame, showing the screen attached thereto; Fig. 2, a detail perspective view of the screen, showing it broken through the center; Fig. 3, a detail sectional view of a portion of the window-sill and the lower portion of the screen, showing the means employed for fastening the screen in place; Fig. 4, a detail view in perspective of a portion of the window-sill, showing the keeper connected thereto; Fig. 5, a similar view of a portion of the lower cross-rail of the screen, showing the means employed for securing the ends of the latch-spring.

In the accompanying drawings, A represents the lower portion of a window-frame and B the sill thereof, which may be of any suitable form and construction, the inner sides of the frame having projecting pins *a*, with which engage the eye *b* and the hook *c*, which has an inclined open slot, as shown in Fig. 2 of the drawings, the eye and hook being secured to the upper end of the screen upon opposite sides. When the screen is closed, it is a perfect lock from the outside, and to swing or entirely remove the same the latch, hereinafter described, must be thrown from the inside and the screen raised slightly above a right angle to window-frame, when the screen

will slide down from pivot-pin in hook through the slot therein and the opposite side of the screen will move outward and the eye disconnect from the pin, enabling the screen to be entirely removed.

The means employed for fastening the depending screen to the sill of the window-frame comprises the latch-spring D, constructed of suitable spring-wire, and has its ends passed through the lower rail of the screen C and bent upward to provide holding-fingers *d*, which bear against the outer side of the rail and are held thereto by suitable staples *e*, as shown in Fig. 3 of the drawings.

A wire keeper E is secured to the sill B by driving the pointed ends thereof into the sill, so that its outer end will be smooth with the window-sill, but the inner end project above the same, so that when the screen is left to be closed the latch-spring will ride smoothly over the keeper and snaps in engagement therewith.

The screen being pivoted to the window-frame, it can be swung out at an angle to a perpendicular when it is desired to allow more air to pass into the room or for the purpose of cleaning, as circumstances require, or may be readily detached from the window-frame when not required for use.

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

A window-frame having pivot-pins projecting horizontally inward from its side rails, combined with a screen having at its upper end at one side an eye to engage one of said pins by a sidewise movement only, and at the opposite edge at the upper end a hook with inclined open-ended slot to engage the other pin by a sliding movement at right angles to the first movement, and a locking device for holding the lower end of the screen closed, all substantially as and for the purpose specified.

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

WILLIAM WISE.

Witnesses:

G. C. MAXWELL,  
LOUIS ROBIDOUX.