

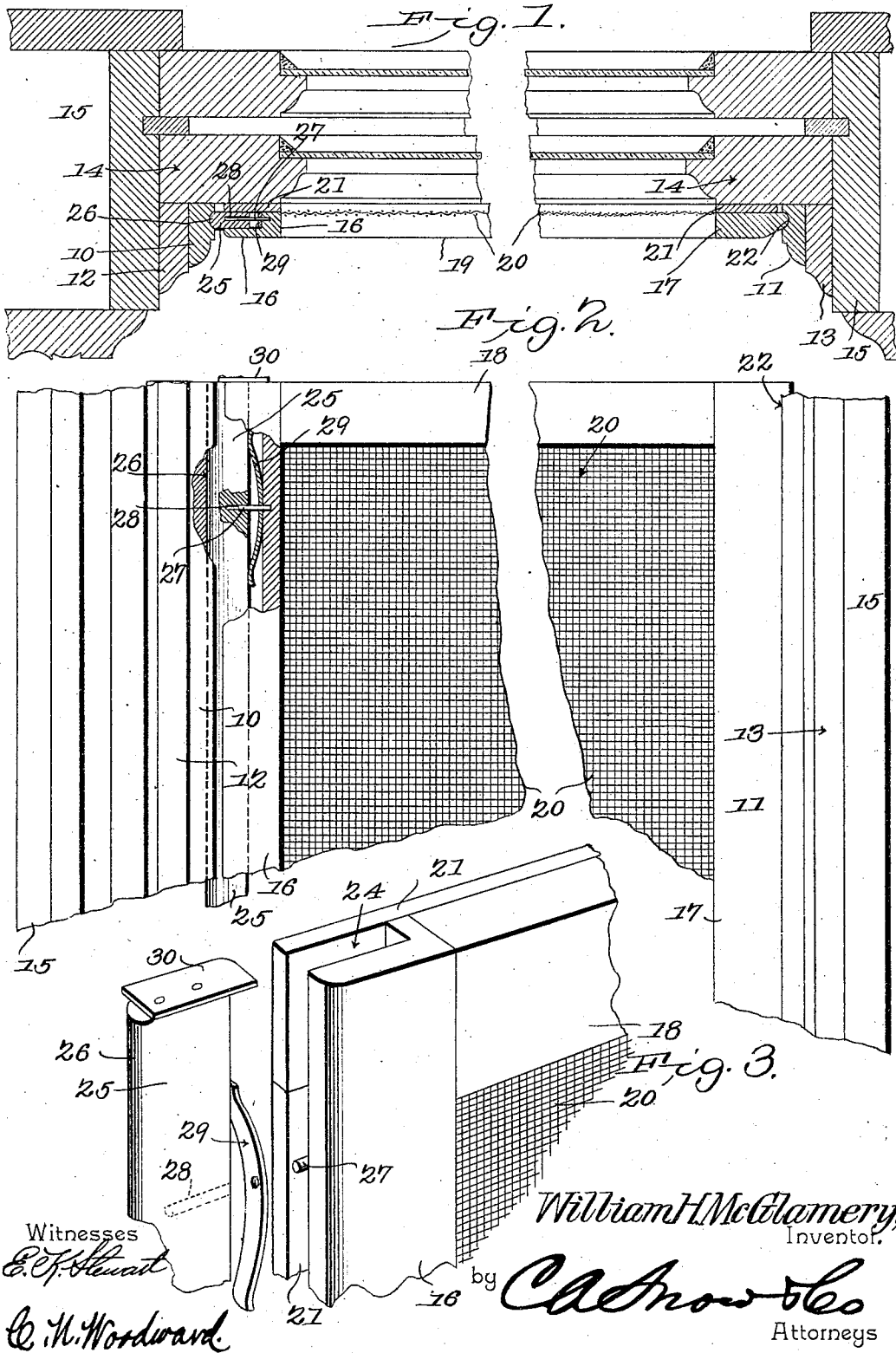
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PATENTED APR. 18, 1905.

W. H. McGLAMERY.

WINDOW SCREEN.

APPLICATION FILED OCT. 16, 1904.



UNITED STATES PATENT OFFICE

WILLIAM H. McGLAMERY, OF GEORGETOWN, TEXAS.

WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 787,534, dated April 18, 1905.

Application filed October 15, 1904. Serial No. 228,602.

To all whom it may concern:

Be it known that I, WILLIAM H. McGLAMERY, a citizen of the United States, residing at Georgetown, in the county of Williamson and State of Texas, have invented a new and useful Window-Screen, of which the following is a specification.

This invention relates to window-screens, and has for its object to produce a simply-constructed and efficient device of this character which may be quickly placed in position in the window or removed therefrom, as required, and adjusted to any desired position.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as herein-after fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed, Figure 1 is a transverse section through a window-frame and its sashes with the improved device in section applied thereto. Fig. 2 is a front elevation, partially in section, of the same. Fig. 3 represents portions of the screen-frame and its attachments disconnected.

The improved device comprises strips 10 11, having longitudinal guide-grooves and adapted for attachment to the inner faces of the ordinary inside stops 12 13 of the window, which are utilized to hold the sash 14 in position relative to the window-frame 15.

The screen-frame consists of the side members 16 17 and end members 18 19, provided with the screen material 20, held in position by a supplemental frame, (indicated at 21.)

The side member 17 is formed with a rib 22 on its outer side to engage the guiding-groove in the strip 11, and the side member

16 is formed with a recess 24 in one edge and one side, with the screen-material-holding frame 21 extending thereover and forming one wall of the recess.

Movably disposed in the recess 24 is a stop member 25, having a rib 26 on the outer edge for engaging the guide-groove in the member 10.

Within the recess 24 are pins 27, as many as required, and projecting into corresponding recesses or sockets 28 in the stop member 25, and engaging these pins between the stop member and the frame member 16 in the bottom of the recess 24 are springs 29, bearing outwardly upon the stop members and inwardly against the screen-frame and operating to maintain the stop member pressed yieldably against the strip 10.

Attached to the stop member 25 is a metal plate 30, extending over the adjacent portion of the screen-frame to serve to support the stop member against dropping and to relieve the pins 27 from the downward strains. The pins 27 thus serve the twofold purpose of guides for the stop member and as means for retaining the springs in position, while the plate 30 while effectually supporting the guide member from downward movement relative to the screen-frame does not prevent the lateral movement of the stop member. By this arrangement it is obvious that a simply-constructed and inexpensive screen-frame is produced which may be readily applied to any form of window and adjusted to any desired point or readily removed or inserted, as desired.

Any required number of the springs 29 and combined guide and supporting pins 27 may be employed; but for ordinary-sized frames two will be sufficient; but the number may be increased for the larger sizes.

Having thus described the invention, what is claimed is—

A window-screen having one of its stiles provided with a longitudinal groove, pins arranged in the groove, a supplemental stile disposed within the groove and having sockets to receive the pins, bow-springs interposed between the two stile members and held in place by the pins, and means carried by

the supplemental stile member and engaging
the upper end of the stile proper to hold the
former against downward movement rela-
tively to the latter, thereby to cause the pins
5 always to be in alinement with the sockets,
and to remove strain from the pins.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in
the presence of two witnesses.

WILLIAM H. McGLAMERY.

Witnesses:

W. T. BRADY,
I. W. MARTIN.