

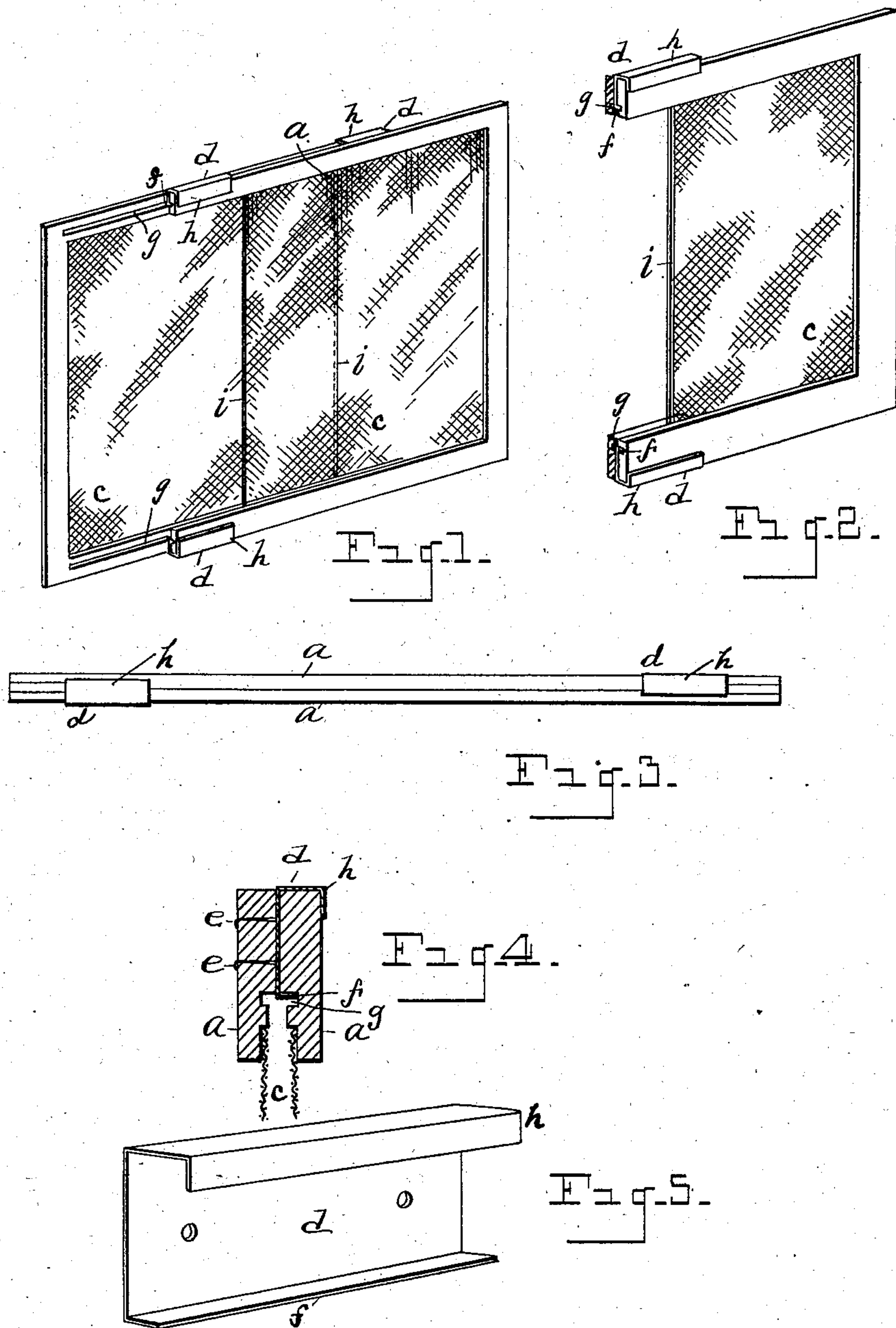
No. 724,691.

PATENTED APR. 7, 1903.

E. S. GILES.  
ADJUSTABLE WINDOW SCREEN.

APPLICATION FILED JAN. 23, 1903.

NO MODEL.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 724,691, dated April 7, 1903.

Application filed January 23, 1903. Serial No. 140,223. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN S. GILES, a citizen of the United States, residing at Fenton, county of Genesee, State of Michigan, have  
5 invented a certain new and useful Improvement in Adjustable Window-Screens, of which the following is a specification, reference being had to the accompanying drawings, which form a part of this specification.

10 My invention relates to certain new and useful improvements in adjustable window-screens; and it consists of the construction, combination, and arrangement of devices more particularly hereinafter described and  
15 claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective illustrating features of my invention and showing the two frames when expanded. Fig. 2 is a view in  
20 perspective showing one of the screen-frames with the clips attached thereto. Fig. 3 is an edge view of the frames, showing them in closed position. Fig. 4 is a view in cross-section through the two companion frames and  
25 corresponding clip. Fig. 5 is a detail view of one of the clips.

My present invention pertains more particularly to the provision of two sliding frames with sliding metallic clips arranged and op-  
30 erating as hereinafter described.

The object of my invention is to provide a frame of simple and economical construction and of superior simplicity and utility.

35 A further object of my invention is to provide an adjustable screen-frame not liable to get out of order and not liable to bind in adjustment.

I carry out my invention as follows:

40 In the accompanying drawings, *a a* represent two companion screen-frames arranged to have a sliding engagement the one with the other, each frame being provided with wire-gauze *c* in the customary manner. The two frames *a a* at their inner ends are pro-  
45 vided with metallic clips, (indicated at *d*.) These clips may be secured upon the respective frames, to which they are attached in any suitable manner—as, for example, by tacks *e*, the ends of the tacks being preferably  
50 clenched, as shown in Fig. 4. I do not limit

myself, however, to any particular means of securing the clips firmly to the corresponding frames. Each of said clips is formed with a flange *f*, having a sliding engagement in a corresponding saw kerf or groove (indicated  
55 at *g*) in the face of the opposite frame. In the drawings this kerf is shown located on the inner face of the corresponding frame between the marginal edges thereof. Each of the clips is also constructed with a U-shaped  
60 flange *h*, constructed to project over the adjacent edge of the companion frame to hold said frames together from lateral disengagement. As shown, the body of the clip is lo-  
65 cated between the two adjacent frames, the U-shaped flange of the clip extending over the outer edge of the frame opposite that to which the clip is attached, and the other flange of the clip extending into the kerf or groove  
70 of the same frame that is, of the frame opposite that to which the clip is attached—and entering into a kerf, (indicated at *g*.) The body of the clip is attached to one of the frames and one of the flanges of the clip projecting into a kerf or groove of the frame op-  
75 posite that to which the clip is attached. It will be evident that the flange *f* of the clip entering the corresponding groove *g* holds the two frames and guides them in the ad-  
80 justment of the frames one with the other. The two frames may be expanded until the two clips upon the upper and lower portions of the frame respectively strike one against the other, thereby preventing the two frames from being separated when expanded. The  
85 clips are engaged with the upper and lower bars of each of said frames. The metal binding on the edge of the screen is indicated at *i*.

What I claim as my invention is—

1. An adjustable window-screen comprising 90 two frames each provided with metallic clips attached to the inner face of the frame, and each having a sliding engagement with the frame opposite that to which the clip is attached, said clips each constructed with  
95 flanges projecting from opposite edges thereof to engage the frame opposite that to which the clip is attached, for the purpose described.

2. An adjustable window-screen comprising two frames provided, respectively with 100



metallic clips each clip having a sliding engagement with the frame opposite that to which the clip is attached, said clips each constructed with flanges at opposite edges of the clip, the frame opposite that to which the clip is attached provided with a kerf or groove in which one of said flanges is engaged, the other flange projecting over the edge of the corresponding frame for the purpose described.

3. An adjustable window-screen comprising two frames each provided with metallic clips on the upper and lower bars of the frame, said clips each constructed with flanges at opposite edges thereof, the frame opposite that to which the clip is attached provided intermediate its edges with a kerf or groove in which one of the flanges of the clip is engaged, the other flange projecting over the adjacent edge of the corresponding frame opposite that to which the clip is attached, the body of the

clip located between the adjacent bars of the frames.

4. An adjustable window-screen comprising two frames each provided with metallic clips upon the upper and lower bars of the frame, the body of said clips being engaged to the inner face of one of the frames and provided with flanges projecting toward the opposite frame, the frame opposite that to which the clip is attached being provided with a groove on its inner face to receive one of the flanges of the clip, the other flange of the clip projecting over the corresponding frame.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

EDWIN S. GILES.

Witnesses:

R. B. RENWICK,  
E. M. NEWELL.