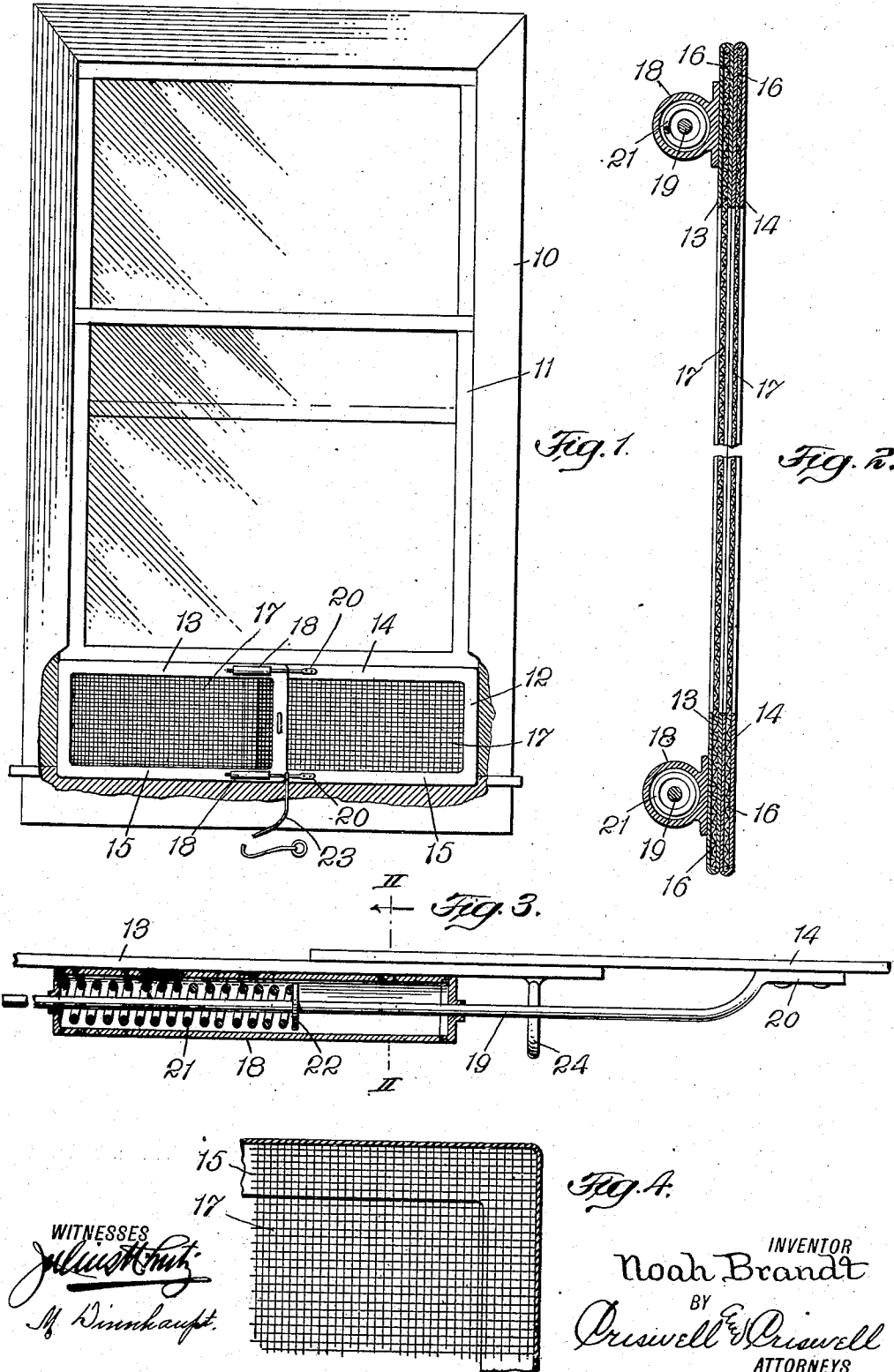


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SCREEN.

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936,859.

Patented Oct. 12, 1909.



WITNESSES
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Fig. 4.

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SCREEN.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NOAH BRANDT, a citizen of the United States and a resident of New York, county and State of New York, have invented certain new and useful Improvements in Screens, of which the following is a full, clear, and exact description.

This invention relates more particularly to an adjustable screen for windows.

The primary object of the invention is to provide a simple and efficient device which may be made to adjust itself to windows of different sizes, and which is of such a nature that the said device will readily hold in any position that it may be placed, either above or under the window sash so as to provide effective means for ventilating purposes, or as a means to prevent insects from entering a house or other building, thereby overcoming the objections incident to the ordinary form of screens which are not adjustable and which are very cumbersome.

Another object of the invention is to provide simple and efficient means whereby the members of the screens may be moved toward each other and then automatically forced apart to fit different sizes of windows.

A further object of the invention is to provide a device which is not expensive to manufacture, and which may be readily assembled and placed in position for use.

With these and other objects in view, the invention will be hereinafter more particularly described with reference to the accompanying drawings, which form a part of this specification, and will then be pointed out in the claim at the end of the description.

In the drawings, Figure 1 is a front elevation of one form of device embodying my invention, showing the same as applied to a window. Fig. 2 is an enlarged transverse section, partly broken away, of the device, taken on line II—II of Fig. 3. Fig. 3 is a plan view, showing in section, the means for yieldingly holding the members together; and Fig. 4 is a fragmentary section showing how the wire members may be held by the frame members.

The window frame 10 may have one or more sashes 11 which are adapted to move vertically in the usual manner, and adapted to fit in the frame 10 in a manner similar to that of the sashes 11 is a device or screen 12.

This device may be of any desired width and of any desired length, and comprises a plurality of members adjustable with relation to each other. As shown there are two members 13 and 14, and each member has a metallic frame 15. Each frame of the members may be formed by bending a strip of metal upon itself so as to be substantially U-shaped, and to form a space, as 16, in which is adapted to fit the screen member 17 of suitable wire mesh or otherwise. The member 17 may be of any suitable open work and serves to fill the space between the sides and ends of each frame member, and said member 17 may serve as a ventilating means or as means to prevent insects from entering the room or other place where the screen may be located. By providing metallic frame members and arranging them in the manner shown, a much more attractive device is provided, and by reason of the narrow metallic frame members the device will be held in the window frame so as to be movable with or independently of the window sashes. The members 13 and 14 overlap at their inner ends, and one of said members, as 13, is provided with a tubular part or device 18 at the upper and at the lower side thereof, and said parts may be in the form of cylinders. A rod 19 is slidably held in each of the cylinders or devices 18 at one end and at its other end, as 20, is secured to the other member 14, and arranged within each cylinder and normally forcing the rod in one direction is a spring 21. The spring 21 may be held between one head of the cylinder and its other end may be held to the rod 19, or may engage a washer 22 so as to tend normally to force the cylinder and rods in opposite directions and thereby force the members 13 and 14 apart. The members are thus yieldingly held together so as to have a relative movement with respect to each other, and said members may thereby be adjusted to fit windows of different sizes and may be properly held in the window frame in any desired location to serve either as an insect protector or for ventilating purposes.

Where the device is arranged near the top of the window some means should be provided for lowering the same in case it is desired to do so, and for this purpose I may connect a cord or other flexible connection,

as 23, to the lower rod 19 so that by lowering the upper window sash, the device may be forced downward and in this way made more convenient for removal from the window, and attached to the device to permit its members to be moved relatively to each other, I provide a handle, as 24, on the member 13, to adapt the same to be more readily held when the members are to be adjusted to fit the window frame.

From the foregoing it will be seen that a simple and efficient device is provided in which a plurality of members may be adjusted to fit different sizes of windows; that said side device is simple in construction and may be readily made and assembled; that simple means is provided whereby the two members may be properly and yieldingly held, and that each member may have a metallic frame so as to make the device more attractive in appearance and durable in use than is the case with the ordinary frame.

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

A device of the character described comprising two flat screen frame members located side by side and overlapping each other at their inner ends, netting in said frames, cylinders secured to the horizontal members of one screen frame, rods secured to the horizontal members of the other screen frame, and extending longitudinally through the cylinders, stops or shoulders on the rods in the cylinders, and coiled springs in the cylinders around the rods and bearing at their ends against the cylinder heads and said stops or shoulders respectively.

This specification signed and witnessed this 17th day of March A. D. 1909.

NOAH BRANDT.

Witnesses:

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