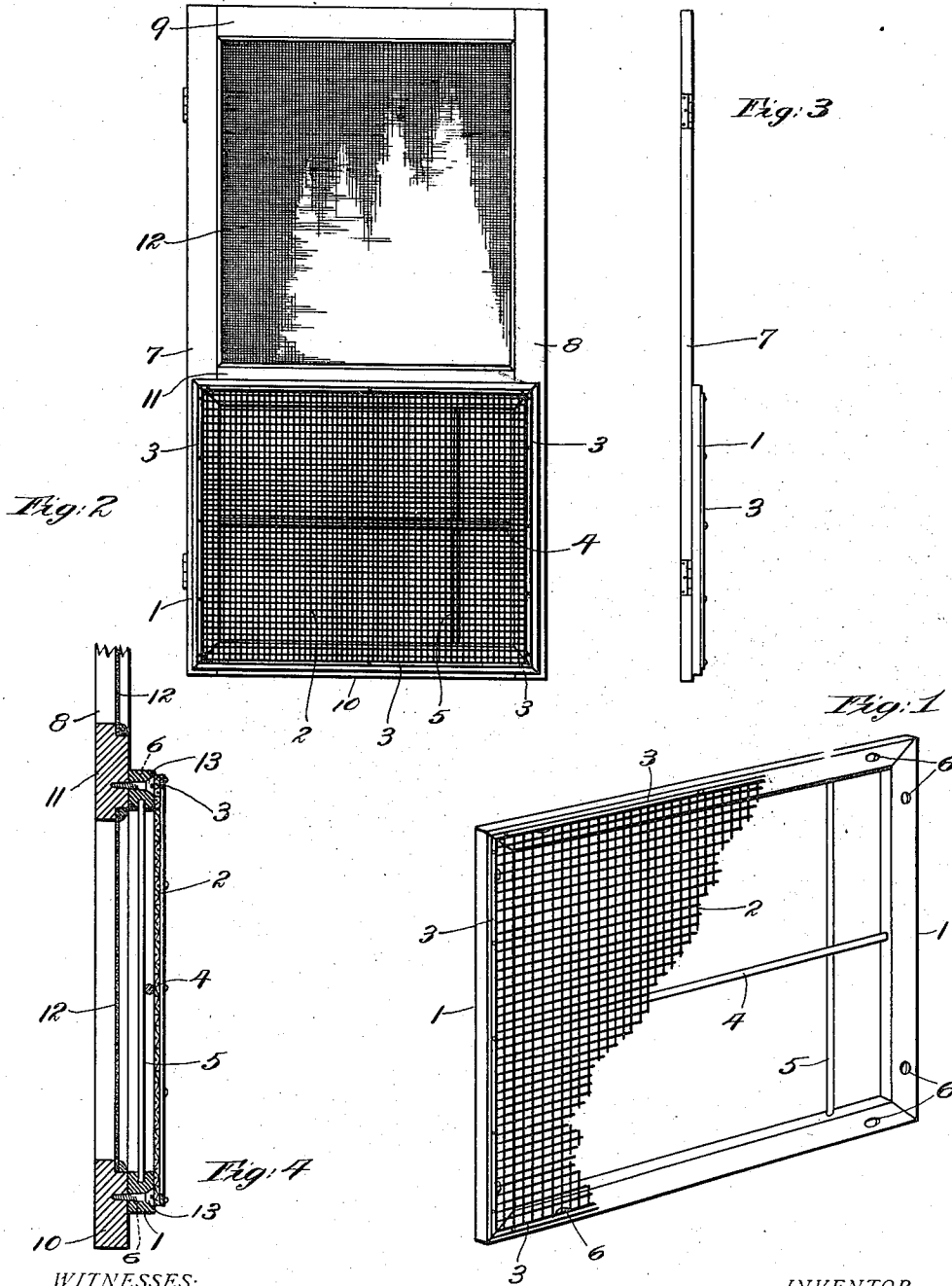


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 SCREEN DOOR PROTECTOR.
 APPLICATION FILED JAN. 24, 1913.

1,153,472.

Patented Sept. 14, 1915.



WITNESSES:

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SCREEN-DOOR PROTECTOR.

1,153,472.

Specification of Letters Patent. Patented Sept. 14, 1915.

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To all whom it may concern:

Be it known that I, JUDSON WEBER, a citizen of the United States, residing at Marcus Hook, in the county of Delaware and State of Pennsylvania, have invented a certain new and useful Screen-Door Protector, of which the following is a specification.

This invention, broadly stated, relates to screen doors and has more particular relation to a protector designed to cover the lower panel thereof.

The principal object of the present invention is to provide a neat, durable, efficient and comparatively inexpensive protector, adapted for attachment over the lower panel of a screen door for protecting the netting in the lower panel of said door, from being punctured, torn or otherwise mutilated.

Other objects of the invention reside in the providing of general details of construction and arrangement of parts as will hereinafter more fully appear.

With these and other objects in view, the invention consists of the improvements hereinafter described and finally claimed.

The nature, characteristic features and scope of the invention will be more fully understood from the following description, taken in connection with the accompanying drawings forming part hereof and in which:

Figure 1, is a perspective view of the protector embodying the invention, Fig. 2, is a view in front elevation of a screen door having applied thereto, the protector of the invention, Fig. 3, is an edge view thereof, and Fig. 4, is a fragmentary view drawn to an enlarged scale and principally in section of the lower portion of the door shown in Figs. 2, and 3.

Referring to the drawings and more particularly to Fig. 1, there is shown a physical embodiment of the novel protector of the invention, the same being constructed in a manner best known to me at this time for practising the invention. As shown, the protector comprises what may be termed an auxiliary frame, designated 1, and is of generally rectangular configuration. In practice, the frame 1, is preferably constructed of wood, although, obviously, other materials may be employed. Stretched across one face of the frame 1, is relatively coarse mesh netting 2, the marginal edges of which are secured to the frame 1, by strips of molding 3. Extending horizontally across the frame 1, and between the

two uprights thereof, is a metallic or other rod 4, the respective ends of said rod being accommodated within sockets contained within the uprights of the frame 1. This rod 4, is arranged substantially midway of the height of the frame 1. Extending vertically between the horizontal cross bars of the frame 1, and accommodated by sockets therein, is a rod 5. This rod 5, is arranged to one side of the frame 1, for a purpose to be presently described. As thus constructed, the rods 4, and 5, connect the inner rims of the frame 1, and are arranged back of the netting 2. Penetrating the various vertical and horizontal members of the frame, are a series of openings 6, adapted to accommodate securing mediums for attaching the protector as a whole to a screen door.

A description will now be given of the manner of attaching the protector of the invention to a screen door, reference being had more particularly to Figs. 2, to 4, inclusive. In said figures, the screen door frame, is made up of the usual hanging and lock stiles 7, and 8, and the top and bottom rails 9, and 10, and the middle rail 11. The spaces thus formed have stretched thereacross, relatively fine mesh netting 12, which form the upper and lower panels of the screen door. Abutting against the stiles 7, and 8, and the middle and bottom rails 11, and 10, and secured thereto, by means of screws or the like 13, so as to cover the lower panel of the door, upon either side thereof, is the auxiliary frame 1, just described. In this position, the rods 4, and 5, are located between the fine mesh netting 12, of the door and the coarse mesh netting 2, of the auxiliary frame 1. Thus, the coarse mesh netting 2, is retained from being forced inwardly against the fine mesh netting 12, which obviously is advantageous. In this connection it may be remarked that the auxiliary frame 1, is preferably attached to the screen door; so that, the rod 5, is closely adjacent the lock stile 8, of the door. As this portion of the door is more apt to be subjected to hard usage, the rod 5, serves to separate or space the fine mesh netting 12, and coarse mesh netting 2, at this point, thereby reducing to a minimum the possibility of the fine mesh netting being punctured, torn or other mutilated.

The above described screen door protector is of neat appearance, is of light structure and is inexpensive to manufacture. It is

designed for application to the lower panel of a screen door upon either side thereof, as custom may dictate. Further, it may be directly applied to new screen doors before
5 being shipped from the factory, or it may be applied to screen doors already in use.

The above described screen door protector may be slightly modified as to general construction, arrangement of parts and as to
10 shape and design, without departing from the spirit of the invention.

Having thus described the nature and objects of the invention, what I claim as new and desire to secure by Letters Patent is:

15 The combination with a screen door equipped with complementary upper and lower panels of fine mesh netting of an auxiliary frame removably fixed to and covering the face of the lower panel of the door

said auxiliary frame having stretched across 20 its outer face coarse mesh netting the marginal edges of which netting are secured to the frame by strips of molding, said auxiliary frame having extended thereacross between its inner rims in fixed relation, a ver- 25 tical and a horizontal rod, the vertical rod being disposed immediately adjacent that frame upright opposite the hinged part of the screen door frame which rods lie between and space apart the fine mesh netting of the 30 door and the coarse mesh netting of the auxiliary frame.

In testimony whereof, I have hereunto signed my name.

JUDSON WEBER.

Witnesses:

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