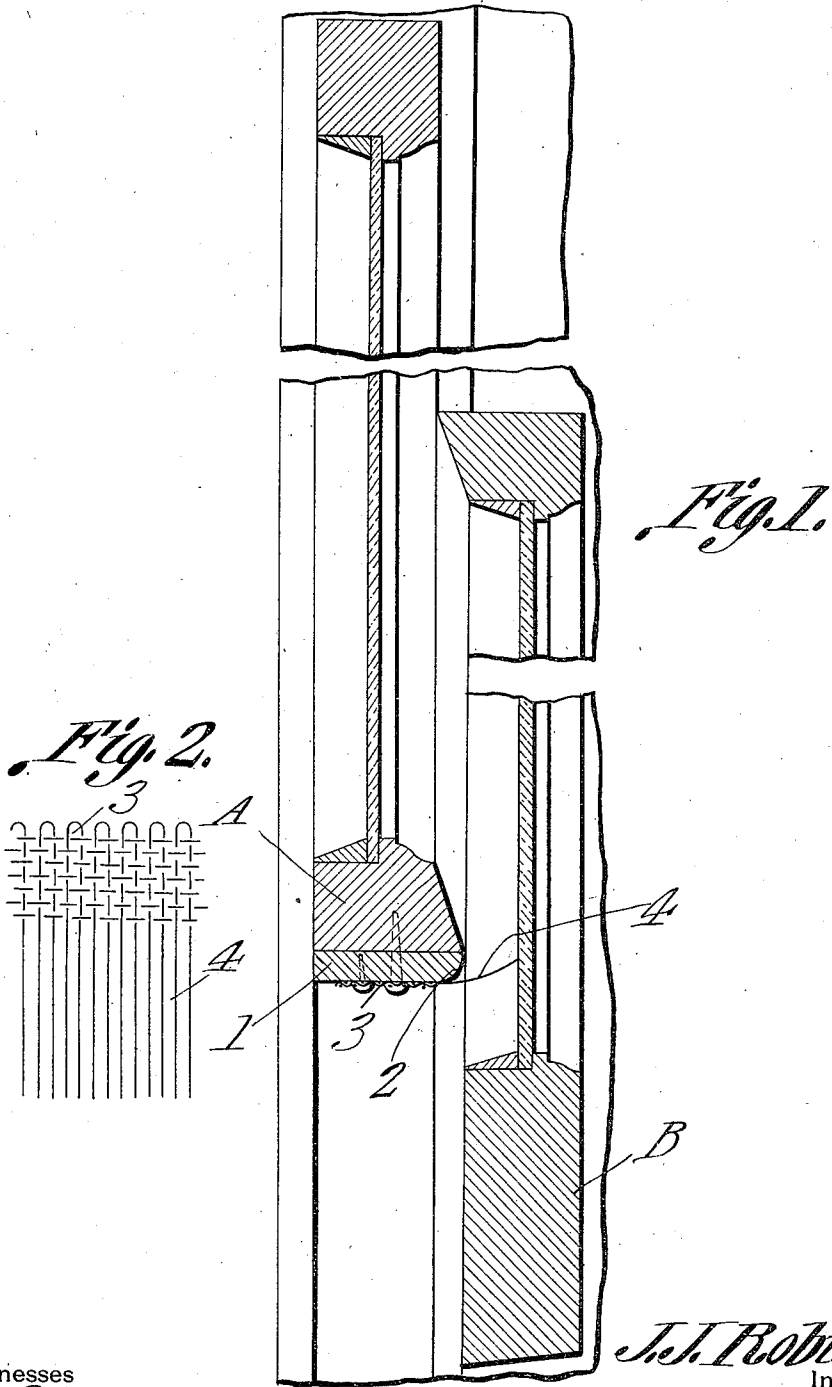


J. J. ROBINSON.
SCREEN.

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1,043,253.

Patented Nov. 5, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

JONATHAN J. ROBINSON, OF BLOOMSBURG, PENNSYLVANIA.

SCREEN.

1,043,253.

Specification of Letters Patent.

Patented Nov. 5, 1912.

Application filed October 31, 1910. Serial No. 590,080.

To all whom it may concern:

Be it known that I, JONATHAN J. ROBINSON, a citizen of the United States, residing at Bloomsburg, in the county of Columbia and State of Pennsylvania, have invented a new and useful Screen, of which the following is a specification.

This invention relates to a screen attachment for window sashes.

Heretofore, where screens have been employed under sashes, a considerable space has usually been left between the two sashes, this space being sufficiently large to permit flies to readily pass therethrough, thus greatly reducing the efficiency of the screen.

One of the objects of the present invention is to provide a simple attachment for use in connection with one of the sashes and which serves to completely screen the opening between said sashes, so as to positively prevent the admission of insects to said space.

With the foregoing and other objects in view, the invention consists in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings Figure 1 is a section through two sashes one of which has the present improvement applied thereto. Fig. 2 is a detail view of a portion of the screen brush.

Referring to the figures by characters of reference, 1 designates a strip of wood or other suitable material of the same width and length as the bottom rail of the top sash A, that edge of the strip 1 nearest the lower sash B being rounded, as shown at 2. A strip 3 of fabric is secured longitudinally along the bottom face of the strip 1 and the transverse strands of this fabric, which may be of wire, horsehair or other

suitable material, project beyond the rounded edge 2 of strip 1 to form a brush 4 contacting, at all times, with the sash B or with the glass light carried thereby. These strands may be formed of spring wire so that their sliding contact with the sash B will be insured.

It is to be understood, of course, that this attachment can be secured to the sash by means of nails or the like and when the two sashes are in their normal positions, the brush 4 will extend under the top rail of the lower sash and into contact with the glass light. Should mullion strips be employed in the sash, the strands of the brush will lie close to said strips as well as to the lights and will thus positively prevent the passage of insects. When the sash B is raised or the sash A is lowered, the strands of the brush 4 will ride along the adjacent surfaces, the strands bending or buckling whenever it is necessary for them to pass over shoulders or the like. When the lower sash B is completely raised or the upper sash A is lowered to its greatest extent, the strands of the brush will fold upwardly upon the rounded edge 2 of strip 1 and assume positions between the lower rails of the two sashes.

It will be apparent that when an attachment, such as described, is used, a sash can be raised and a screen placed under it and, as the space between the two sashes is thus closed against the admission of insects, it will be seen that the efficiency of the screen is materially increased.

While the screen has been shown made up of a strip of wood to which the fabric strip is attached, it is to be understood that, if preferred, this fabric strip can be tacked or otherwise fastened directly to the lower face of the window sash.

What is claimed is:

A window screen including a non-flexible attaching strip adapted to be fixedly connected to a window sash and having flat upper and lower faces, one of said faces merging into a rounded edge portion, and

a fabric secured upon the last named face and extending throughout the length of the attaching strip, said fabric strip having relatively stiff bristles extending beyond and adapted to be bent over the rounded edge portion of the attaching strip, said bristles constituting a brush.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JONATHAN J. ROBINSON.

Witnesses:

F. B. OCHSENREITER,
C. E. DOYLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."