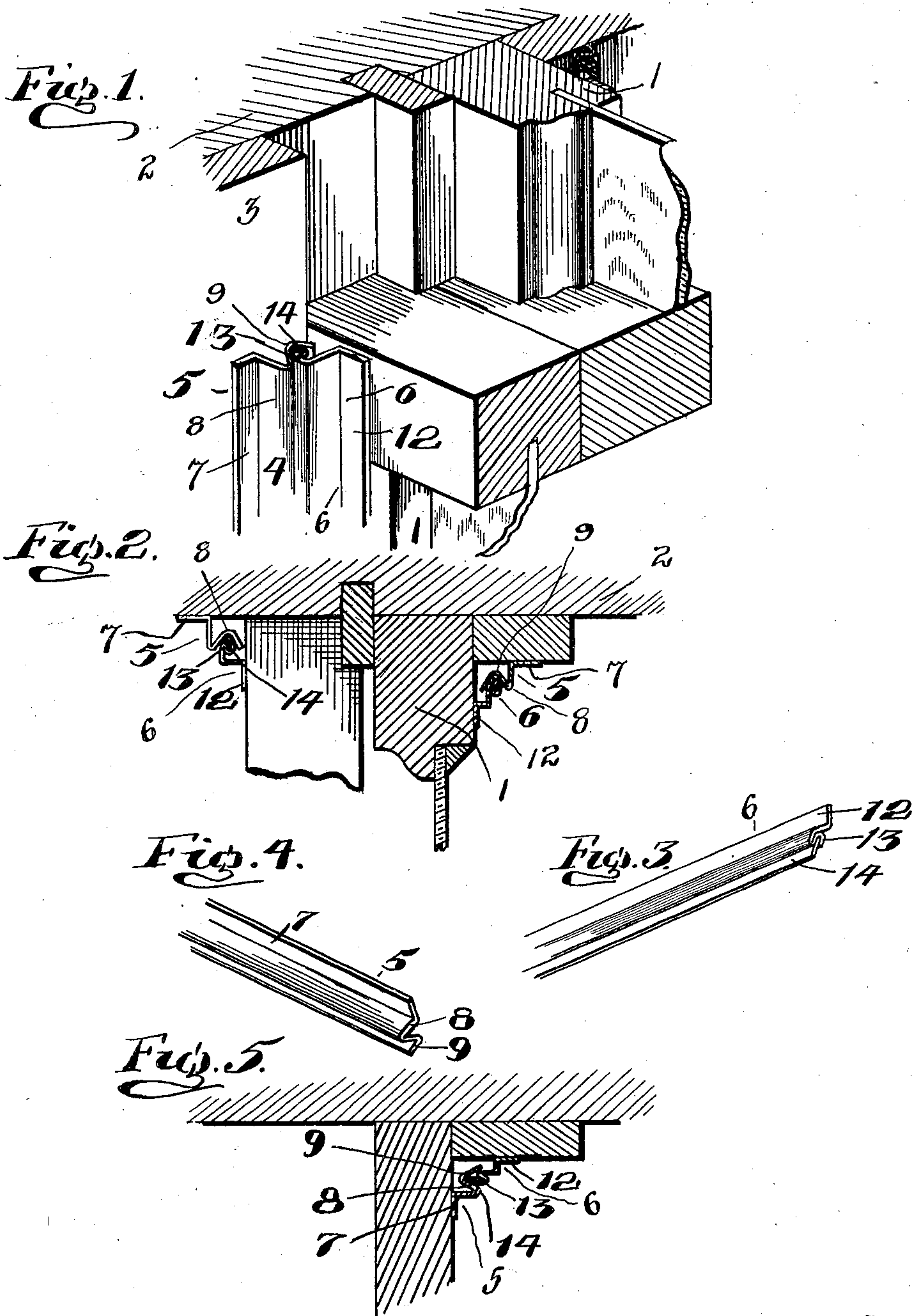


No. 735,913.

PATENTED AUG. 11, 1903.

W. A. SCOTT.
WEATHER STRIP.
APPLICATION FILED MAY 7, 1903.

NO MODEL.



Inventor,

Walker A. Scott.

Witnesses

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WALKER A. SCOTT, OF EVANSVILLE, INDIANA.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 735,913, dated August 11, 1903.

Application filed May 7, 1903. Serial No. 156,096. (No model.)

To all whom it may concern:

Be it known that I, WALKER A. SCOTT, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented certain new and useful Improvements in Weather-Strips; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in weather-strips for windows or doors.

The object of the invention is to provide a weather-strip which will effectually keep out dust, air, or water and which will at all times form a tight but yielding connection between the sash and the window-casing.

A further object is to provide a weather-strip of this character which will be simple, strong, and durable, and easily applied, inexpensive, and well adapted to the use for which it is designed.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claim, reference being had to the accompanying drawings, in which—

Figure 1 is a fragmentary perspective view of a portion of a window frame and casing, showing the application of the strip. Fig. 2 is a horizontal sectional view of the same. Fig. 3 is a detail perspective view of the sash member of the strip. Fig. 4 is a similar view of the casing member. Fig. 5 is a horizontal section of a portion of a door and door-frame, showing the application of the strip to a door.

In the drawings, 1 denotes the side piece of a window-sash.

2 denotes the window-casing.

3 denotes the sash-stop.

4 denotes the weather-strip, formed, preferably, from non-corrosive spring metal and consisting of two parts or members—a casing member 5 and a sash member 6. The casing member 5 is constructed by bending a strip of metal to form an attaching portion 7 and a double V-shaped or corrugated portion 8, forming a groove or guideway 9. The attaching portion 7 is adapted to be tacked or screwed to the sash-stops 3 of the window-

casing. The corrugated portion 8 tends to normally spring away from the sash-stop, as shown.

The sash member 6 consists of a strip having an attaching portion 12, by which it is adapted to be fastened to the side of a window-sash or door-frame, and an outwardly-projecting right-angularly-bent engaging portion 13, in the edge of which is clamped a strip 14, of felt, rubber, or the like. When the sash is in place in the window-casing, the engaging portion 13 and the strip 14 enter the groove or guideway 9, formed in the corrugated portion 8 of the casing member, and owing to the spring or yielding construction of the portion 8 the two members of the weather-strip will be held in close contact at all times, thereby keeping out air, water, or dust, also preventing rattling of the window-sashes. The spring feature of the casing member of the strip will overcome wear of the parts, always causing the two members to maintain a close fit. The position of the members of the strip on the sash and casing permits the same to be quickly and easily put on or removed.

It will be understood that in applying the strip to the upper sash the sash member is placed on the outside of the sash and the casing member is placed on the blind-stop. It will also be understood that by reversing the arrangement of the members the strip may be advantageously used upon doors, and when so used the casing member 5 is placed upon the door and the sash member 6 upon the door frame or casing, as shown in Fig. 5 of the drawings, so that as the door is closed the engaging portion 13 of the member 6 will enter the groove or guideway 9 of the member 5 and form a tight engagement with the same.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A weather-strip comprising a casing member having an attaching portion and a spring or yielding corrugated portion forming a guideway, a sash member having an attach-

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ing portion and a right-angularly-bent engaging portion, in the edge of which is clamped a strip of flexible material, said engaging portion and strip being adapted to enter said
5 guideway and engage the same against the spring of said corrugated portion, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WALKER A. SCOTT.

Witnesses:

A. J. McCUTCHAN,
L. M. EWING.