

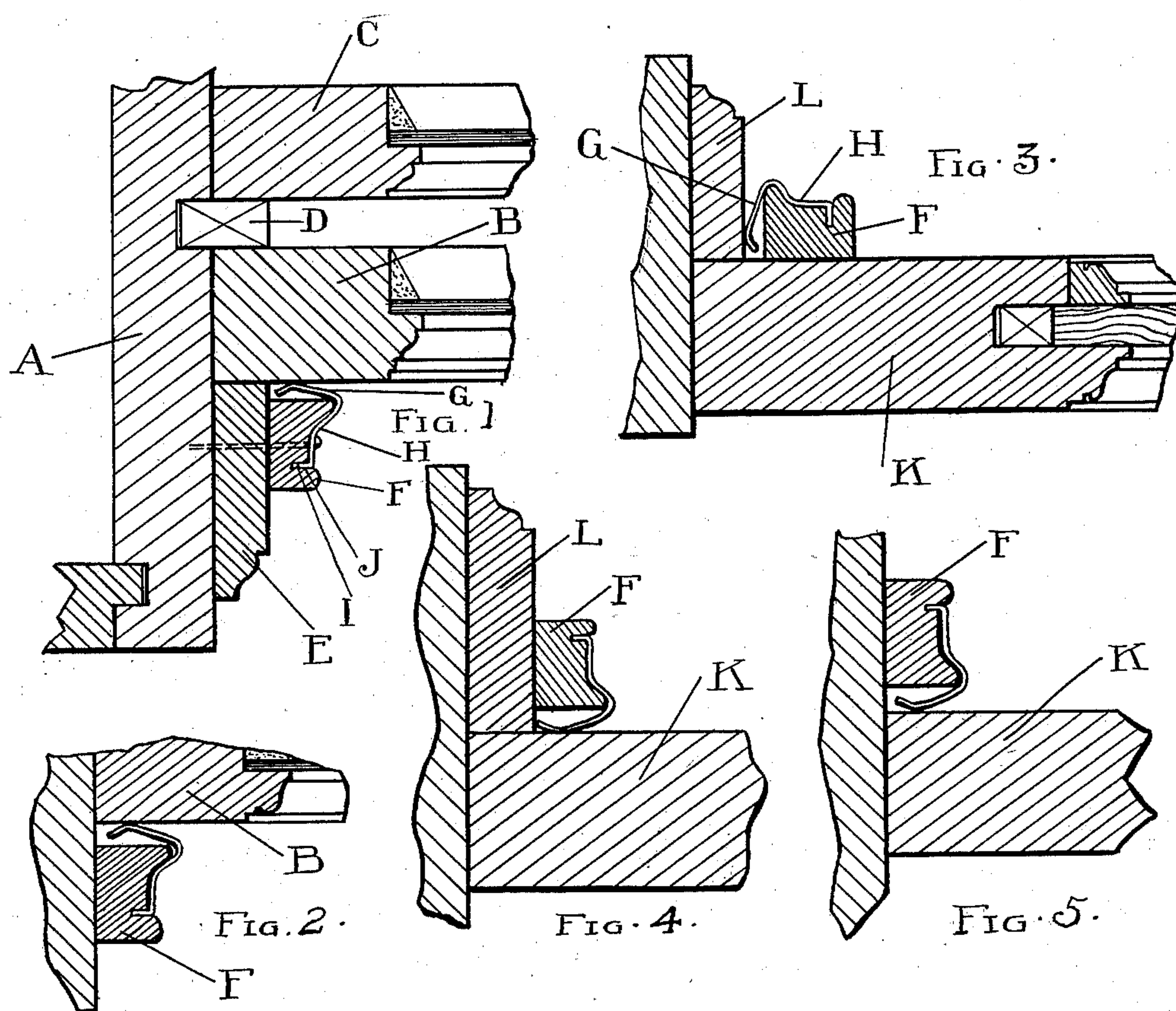
No. 749,897.

PATENTED JAN. 19, 1904.

F. FOURNIER.
WEATHER STRIP.

APPLICATION FILED APR. 1, 1903.

NO MODEL.



WITNESSES.
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UNITED STATES PATENT OFFICE.

FREDERICK FOURNIER, OF PONTIAC, MICHIGAN.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 749,897, dated January 19, 1904.

Application filed April 1, 1903. Serial No. 150,572. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK FOURNIER, a citizen of the United States, residing at Pontiac, in the county of Oakland and State of Michigan, have invented certain new and useful Improvements in Weather-Strips, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to new and useful improvements in weather-strips; and it consists in the construction of a weather-strip formed of a base-strip or molding and a spring-tongue thereon adapted to be secured to one part and to have contact with the other part of the window or door and the frame, so as to make a tight joint between the frame and the window or door.

Figure 1 is a section through a window sash and frame, showing my weather-strip applied to the sash. Fig. 2 is a similar view showing the spring-tongue applied to the window-stop. Figs. 3, 4, and 5 are sections through a portion of a door with my weather-strip applied in slightly-different ways.

A represents the frame of a window, and B and C the sashes; D, the parting-strip, and E one of the stops. Upon the stop E and beside the sash B is secured a base-strip or molding F, which has secured to it the spring-tongue G. This spring-tongue is continuous through the length of the sashes B and is preferably provided with an integral securing portion H. I also preferably form integral with it the flange I, which engages in a groove or notch J in the outer face of the base-strip or molding.

The base-strip or molding F is secured in such relation to the window that the spring-tongue is under tension and presses tightly against the side of the sash, forming a tight

joint excluding the cold and dust, and at the same time presses the sash against the parting-strip D, which prevents rattling and also tends to make it tight to prevent the ingress of cold and dust.

In Fig. 2 I have shown the base-strip or molding F as forming the stop, and in this case it makes a combined weather-strip and stop.

In Fig. 3 I have shown the weather-strip comprising the base-strip or molding F and the metallic portions H and G secured to a door K. The weather-strip is secured in such position that when the door is closed against the stop L the spring-tongue G will press tightly against the stop. I may, however, as shown in Fig. 4, secure the weather-strip to the stop L and place the spring-tongue stop against the door in the closed position thereof, or I may secure the weather-strip as shown in Fig. 5, the stop L being dispensed with.

What I claim as my invention is—

1. The combination of a base-strip, a spring-tongue projecting across the side of said strip and a securing portion secured to the outer face of said strip as and for the purposes described.

2. The combination of a base-strip or molding F of the spring-tongue G extending along one side thereof and the securing portion H extending across and secured to the outer face of the molding, the flange I at the edge of said securing portion entering a slot or recess in the face of the molding.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK FOURNIER.

Witnesses:

JAMES H. LYNCH,
CARL H. PELTON.