

W. Miller,

Weather Stript.

No. 105232.

Patented July 12. 1870.

Fig. 2.

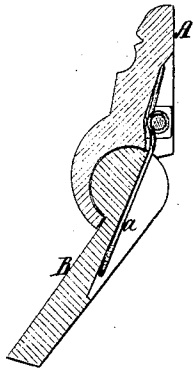
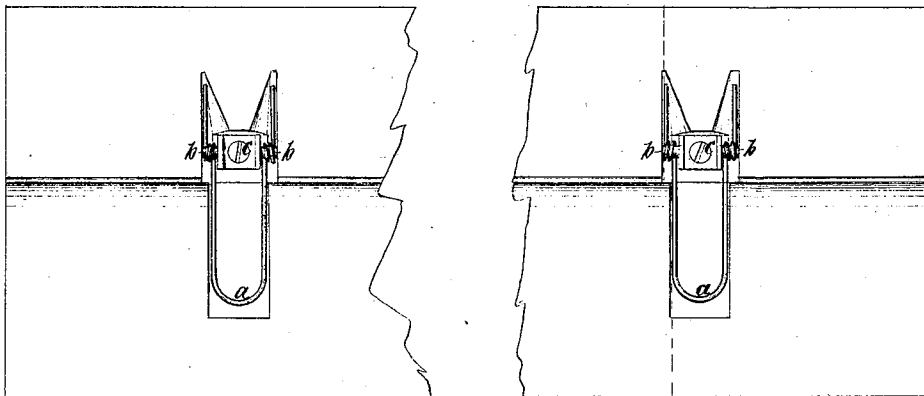


Fig. 1.



Witnesses:

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WILLIAM MILLER, OF CHICOPEE, MASSACHUSETTS.

Letters Patent No. 105,232, dated July 12, 1870.

IMPROVEMENT IN WEATHER-STRIP.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM MILLER, of Chicopee, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Weather-Strips; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in weather-strips, such as patented to me the 4th day of May, 1869, No. 89,785, and consists in an improved construction of and manner of attaching the spring, by which the lower vibrating strip is confined to the upper strip or bracket, which is attached to the door.

Figure 1 is a rear-side elevation of my improved weather-strip, and

Figure 2 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

The strip A, which is attached to the door, is provided at the under side with a semicircular groove, and the vibrating strip B is provided at the top with the semicircular rib, fitting the tube to be confined therein by springs, as in the aforesaid patent.

The present invention consists in making the springs of a loop of wire, *a*, and attaching them to the part A by coiling each part of the loop around a short stud, C, and extending it back in the recess in the said part A, while the bight of the loop rests in the recess in the part B, the said studs being attached to a block of metal, *c*, and secured in the recess in the part A by a screw, *d*.

The coils are prevented from slipping off the studs by the end walls of the slot.

In the aforesaid patent the two parts are represented as connected together by flat springs of steel or other metal, which is more expensive and more liable to break than this arrangement.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with the strips A B, of the wire springs *a*, studs *b*, and blocks *c*, all constructed and arranged substantially as specified.

WILLIAM MILLER.

Witnesses:

A. W. ADAMS,
M. SAFFORD.