T. H. TYSON.

WEATHER-STRIPS.

No. 194,387. Patented Aug. 21, 1877.

Fig. 1.

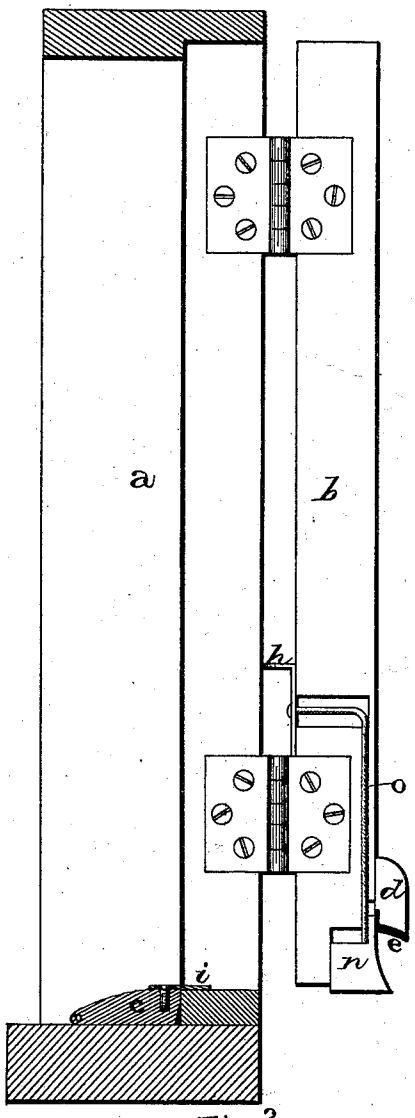
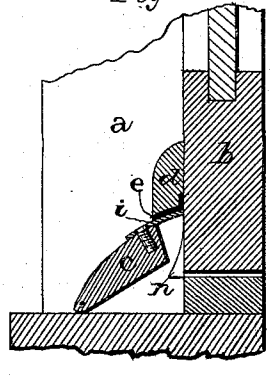


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

THOMAS H. TYSON, OF WASHINGTON COURT-HOUSE, OHIO.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. **194,387**, dated August 21, 1877; application filed June 30, 1877.

To all whom it may concern:

Be it known that I, THOMAS H. TYSON, of Washington Court-House, in the county of Fayette and State of Ohio, have invented certain new and useful Improvements in Weather-Strips; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in weather-strips; and it consists in a vertically-moving slide placed in the inside corner of the door, and which can be adjusted so as to pass over the top of the weather-strip without moving it, or to catch under the edge of the strip and raise it upward, so as to make it form a guard against snow, rain, and dust, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

a represents the door-frame; *b*, the door, and *c*, the weather-strip. Secured to the outside of the door, near its lower end, is the strip of wood *d*, which has its under side beveled away, as shown, and covered with rubber *e*, or other suitable material. The strip *c* is made of wood, and has a metal strip secured over the top of each end, and a metal plate, *i*, projecting beyond its inner edge a suitable distance from end to end. In the inside edge of the door, at its lower end, is made a groove, and in this groove is placed the bent rod *o*, which has the handle *h* secured to it at its upper end and the metal slide to its lower end. By drawing upward upon this handle the slide *n* is raised upward so as to be flush with the lower edge of the door, when the door can be closed without in any manner interfering with the strip *c*. When, however, this slide is depressed so as to project slightly below the lower edge of the door, its front beveled side catches under the inner edge of the metal plate *i* on the inner edge of the strip, and raises the strip upward so that the upper edge of the metal plate *i* is pressed tightly up under the strip *d* on the lower part of the door. While the strip is thus pressed upward, wind, rain, snow, and dust are prevented from blowing under the door. As soon as the door is opened again the strip falls upon the door-sill, where it is entirely out of the way of those passing in and out of the door.

This invention is intended as an improvement upon the patent to A. Pratt, October 24, 1876, No. 183,592, and is especially designed as a simplification of that device. By moving the operating-lever over to the inside edge of the door the whole device is moved out of the way.

Having thus described my invention, I claim—

The combination of the door *b*, having a groove cut in its inner edge, weather-strip *c*, having the plate *i*, strip *d*, rod *o*, handle *h*, and slide *n*, the slide being applied to the lower corner of the door and moved by a direct pressure upon the handle, substantially as shown.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of June, 1877.

THOS. H. TYSON.

Witnesses:
VAN H. OGLE,
J. P. ROBINSON.