

A. SAUR.
DOOR-SILL.

No. 187,419.

Patented Feb. 13, 1877.

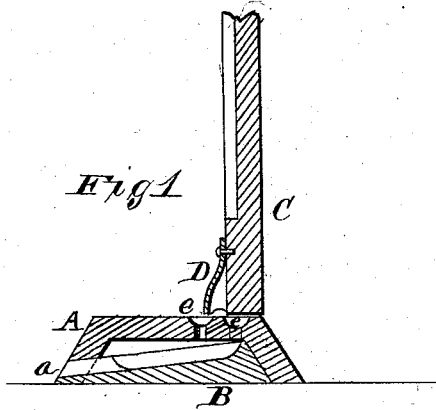
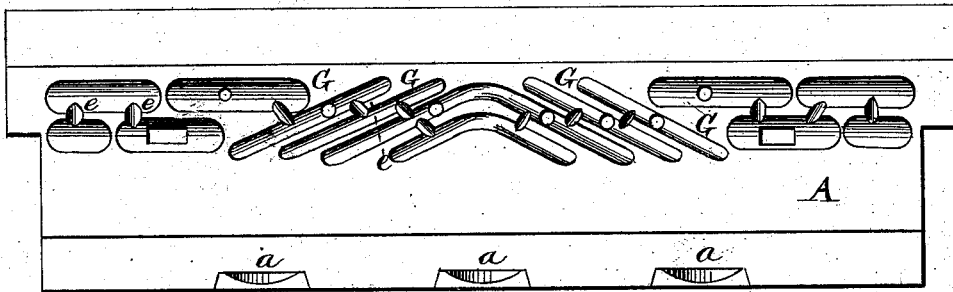


Fig 2



WITNESSES.
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UNITED STATES PATENT OFFICE.

ANTON SAUR, OF FRANKLIN, INDIANA.

IMPROVEMENT IN DOOR-SILLS.

Specification forming part of Letters Patent No. **187,419**, dated February 13, 1877; application filed January 17, 1877.

To all whom it may concern:

Be it known that I, ANTON SAUR, of Franklin, in the county of Johnson, and in the State of Indiana, have invented certain new and useful Improvements in Door-Sills and Door-Strips; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a door-sill, in the manner hereinafter set forth.

In the accompanying drawings making part of this specification, Figure 1 represents a cross-section of the sill, and Fig. 2 a plan view.

In the figures, A represents a metallic door-sill, which is hollowed out on the under side, as seen. B represents a bottom, which is fitted into the cavity of the sill in such a manner that a water-space is left between it and the sill. *a a a* represent outlets from this water-space and which are formed in the front of the sill or its bottom. The upper surface of the sill is provided with a series of grooves which

open into each other, and some of which radiate outward. These grooves are marked G G, and answer the purpose of collecting and conveying the water into the holes *e e* in the bottoms of said grooves, from which it passes down to the bottom B, and thence out at the openings *a a a*. The grooves are so formed that dirt and dust may be easily swept from them outward. This sill may be used with an ordinary weather-strip D, as seen upon the section of a door in Fig. 1.

The object of this sill is to prevent the drifting of water under the door in case a strong wind is blowing toward it.

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

The sill A, constructed as described, in combination with the bottom B and a door, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of January, 1876.

ANTON SAUR.

Witnesses:

A. B. HUNTER,
JACOB L. WHITE.