(No Model.)

C. C. SCHREIBER.

METALLIC DOOR SILL.

No. 324,732. Patented Aug. 18, 1885.

Fig. 1.

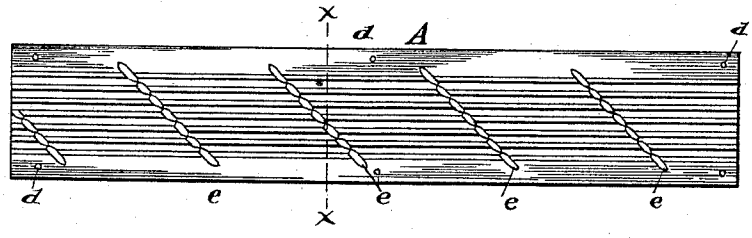


Fig. 2.



Attest
J. Watson Sims
Morris Nickerson

Inventor
Charles C. Schreiber
by Wood & Boyd
his Attorneys &c.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES C. SCHREIBER, OF CINCINNATI, OHIO, ASSIGNOR TO THE L. SCHREIBER & SONS COMPANY, OF SAME PLACE.

METALLIC DOOR-SILL.

SPECIFICATION forming part of Letters Patent No. 324,732, dated August 18, 1885.

Application filed June 18, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. SCHREIBER, a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Metallic Door-Sills, of which the following is a specification.

My invention relates to a metallic door-sill.

It is very desirable to employ for outside doors metallic door-sills because of their durability. Cast-iron door-sills have been emp'oyed for this purpose; but, owing to their liability to fracture, they are not desirable. I have discovered that by making a metallic sill of rolled iron of semi-arch form, having wings to support the sill, it can be conveniently and safely used. The wings also may be readily increased or lessened in their vertical height, so as to fit the space beneath the door to form a weather-joint, all of which will be fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a top plan view of my improvement; Fig. 2, a section on line *x x*, Fig. 1.

This door-sill is made of rolled iron, with the center corrugated, having ribs *a* and depressions *b*, of any desired form, so as to form a roughened surface to prevent slipping. *c c* represent the wings which form the semi-arch space A between the wings and below the central portion of the plate.

The device may be made in two ways—first, by rolling the corrugations from a piece of flat or bar iron, and then passing the same through a flanging-machine to turn down the wings *c c;* or the rolls may be turned so as to roll the piece direct.

As the device is made of rolled iron, the wings may be readily flattened or reduced in vertical height by hammering or compression applied to their shoulders, so as to lessen the vertical height of the sill and fit it to any desired space in the door.

The device is kept in position by means of spikes or screws driven through holes *d;* or wood-screws may be employed for this purpose.

e represents small channels or grooves cut across the corrugations *a b*, so as to drain the water out of the hollows or depressions.

This device can be easily made of the desired length and readily applied to its position.

Having described my invention, what I claim as new is—

A rolled-iron door-sill having its level portion grooved, and formed with the flexible wings *c c*, capable of being bent as described, to increase or decrease the height of the sill, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand.

CHARLES C. SCHREIBER.

Witnesses:
ROBERT ZAHNER,
M. E. MILLIKAN.