

J. E. Lindsley,

Threshold,

No 55,683,

Patented June 19, 1866.

Fig: 2.

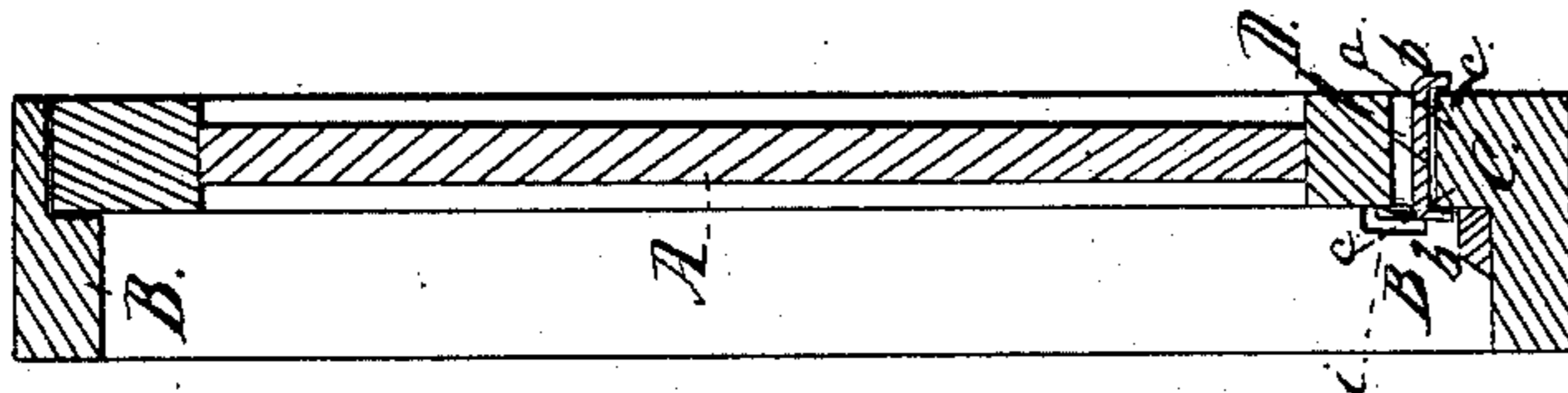
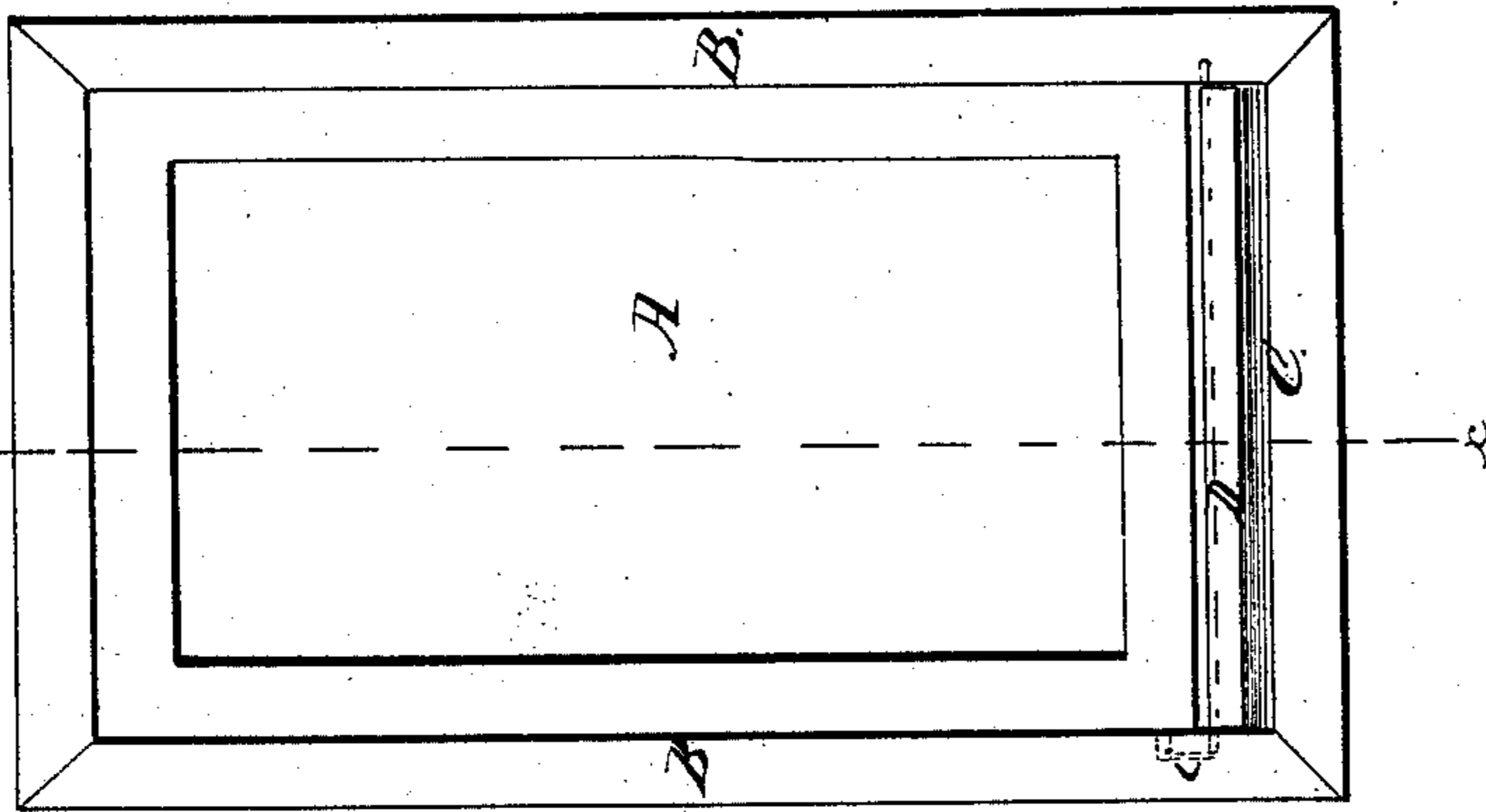


Fig: 1



Witnesses:

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UNITED STATES PATENT OFFICE.

JEREMY E. LINDSLEY, OF GOSHEN, INDIANA.

IMPROVED SILL AND WEATHER STRIP.

Specification forming part of Letters Patent No. 55,688, dated June 19, 1866.

To all whom it may concern:

Be it known that I, JEREMY E. LINDSLEY, of Goshen, in the county of Elkhart and State of Indiana, have invented a new and Improved Sill-Strip for Doors; 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 drawings, forming a part of this specification.

The present invention consists in the use of a metallic strip upon the sill of doors, the object of which is not only to protect the sill from becoming worn, but also to prevent rain or moisture or the wind from passing under the door to the interior of the house or other building to the door of which it may be applied, thus also acting as a weather-strip, the said metallic strip being so formed that it can be applied to the sill of the door and there retained in place without the use of screws or other fastening devices.

In accompanying plate of drawings my improved weather or door strip is illustrated in connection with a door.

Figure 1 is an elevation of the door and its frame from the outside; Fig. 2, a vertical section taken in the plane of the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

A in the drawings represents a door hung upon hinges (so as to swing) of the door-frame B, the door and frame being both made in any

of the usual modes; C, the door-sill, and D my improved metallic strip placed upon the treading-surface of the same, on which it is retained and kept from moving or becoming detached by its flanges *b b*, along each of its edges or sides, fitting and extending over the square edges *c c* of the door-sill.

This strip not only protects the sill from becoming worn, but also acts as a weather-strip, as it serves to close up the crevice between the under edge of the door and the sill by the contact of the lower edge of the door with the upper projecting flange, *i*, while at the same time the door can slide freely over it as it is swung open or closed.

The sill-strip may be made of any of the various kinds of metal, and of any desired thickness, according to the amount of space or opening between the door and its sill.

From the above description it is plain to be seen that without screws or other fastening devices my improved sill-strip is held in place upon the sill, thus enabling it to be readily detached therefrom when so desired, an important advantage.

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

The metallic strip D, having flanged edges *a a* and *i*, when applied to the sill of a door, as and for the purpose specified.

J. E. LINDSLEY.

Witnesses:

ED. R. KERSTETTER,
J. L. BLUE.