

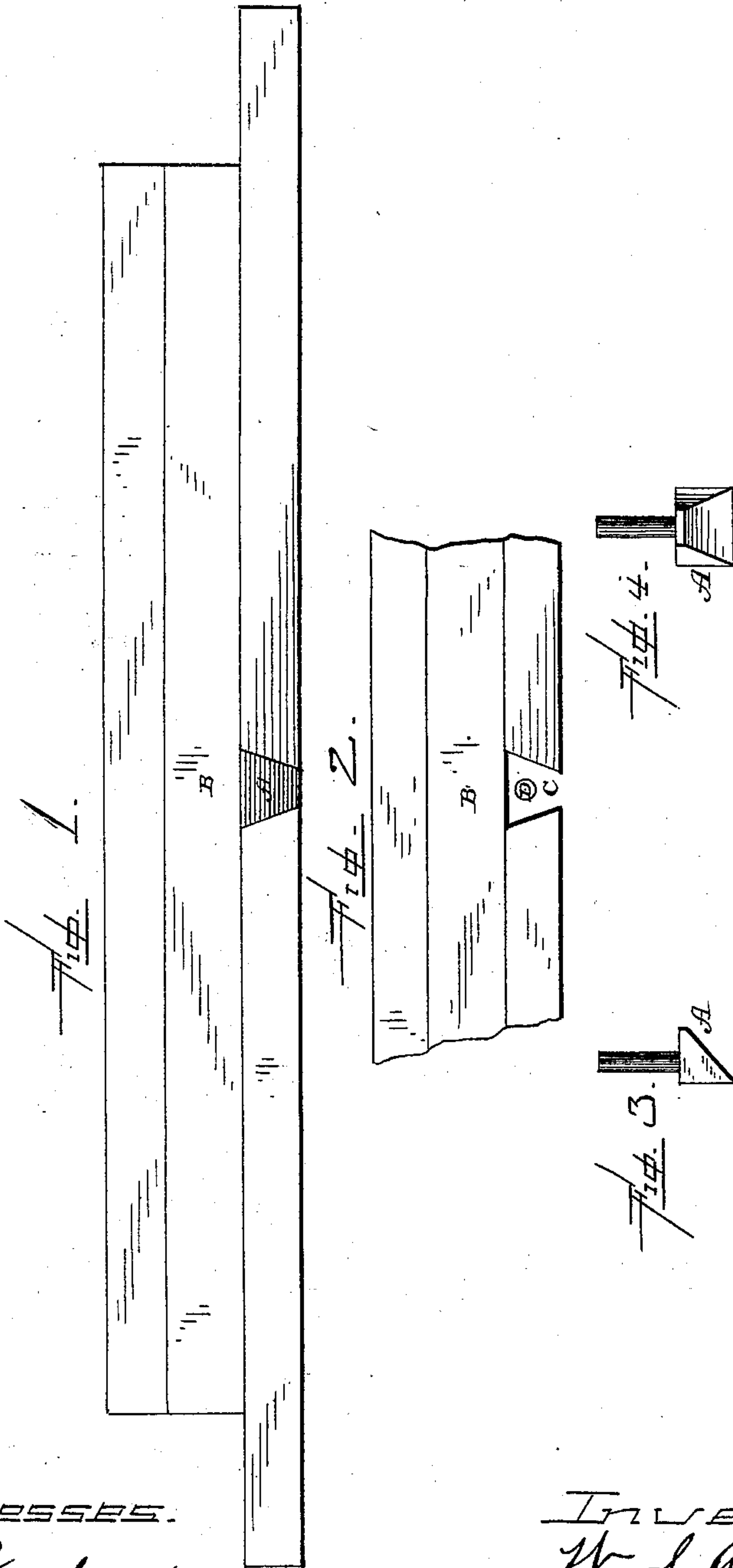
(No Model.)

W. S. CARLTON.

DOOR SILL.

No. 364,896.

Patented June 14, 1887.



WITNESSES.
R. T. Gardner
Edm. P. Ellis.

INVENTOR
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Att'y.

UNITED STATES PATENT OFFICE.

WINFIELD S. CARLTON, OF BIG RUN, PENNSYLVANIA.

DOOR-SILL.

SPECIFICATION forming part of Letters Patent No. 364,896, dated June 14, 1887.

Application filed December 6, 1886. Serial No. 220,953. (No model.)

To all whom it may concern:

Be it known that I, WINFIELD S. CARLTON, a citizen of the United States, residing at Big Run, in the county of Jefferson and State of Pennsylvania, have invented a new and useful Improvement in Door-Sills, of which the following is a specification.

My invention relates to an improvement in door-sills, which has for its object the providing of a door-sill that can be entirely removed from the doorway for any purpose that may be desired and that is not fastened to the floor by either screws or nails. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan view representing my sill in position and complete. Fig. 2 is a side view representing my sill with the key removed. Figs. 3 and 4 represent different views of the key.

The sill B is made in a single piece and of a length and shape to correspond to the door-casing to which it is applied. Cut in the inner edge of this sill, preferably at its center, is the dovetail-shaped opening C, in which the key A is to be placed, for the purpose of fastening the sill to the floor. When the key is removed, the sill can be readily removed, as it is free from the floor in every respect. This key A is shaped as shown in Figs. 3 and 4, and consists of the dovetail-shaped head, which

is beveled away upon one side to correspond to the bevel of the edge of the sill, and the shank, which fits in the hole D in the floor. After the sill has been placed in position in the doorway the shank of the key is dropped down into the hole D, and the head fits snugly in the opening C in the edge of the sill, as shown in Fig. 1, when the sill is locked in position. When it is desired to remove the sill, it is only necessary to insert an instrument under that edge of the key which comes flush with the inner edge of the sill and raise the key upward.

Having thus described my invention, I claim—

The combination of the door sill having a recess, wider at its inner than its outer end, made in its edge, at or near its center, with a locking-pin, A, provided with an enlarged head which corresponds in shape to the recess in the edge of the sill, and having a shank which fits in the recess D in the floor, the pin serving to prevent the sill from being moved backward, substantially as shown.

Witness my hand this 4th day of December, 1886.

WINFIELD S. CARLTON.

Witnesses:

W. C. PENTZ,
H. L. KNAU.