

(No Model.)

2 Sheets—Sheet 1.

P. E. REYNOLDS.

WEATHER STRIP.

No. 299,089.

Patented May 20, 1884.

Fig. 1.

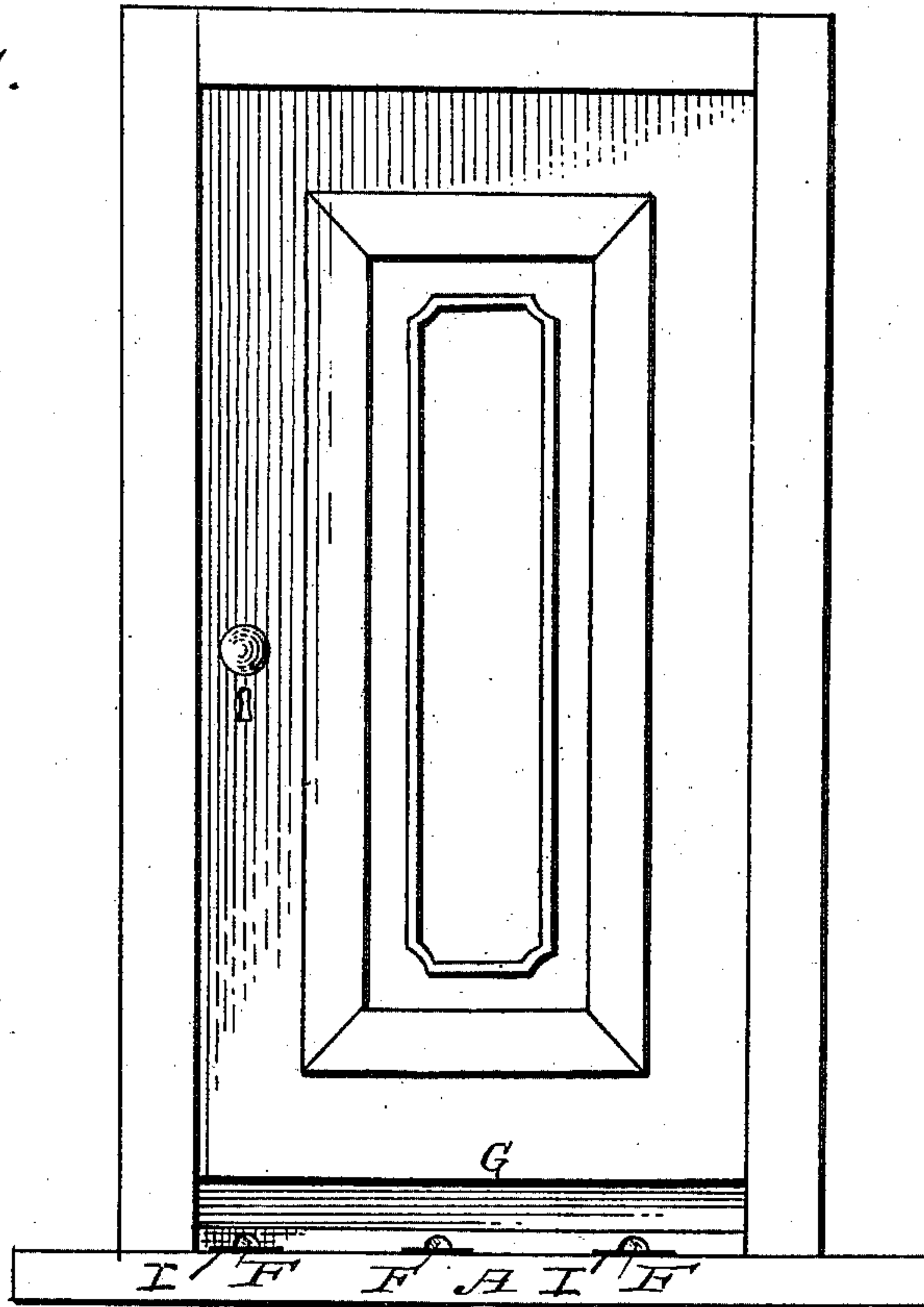


Fig. 2.

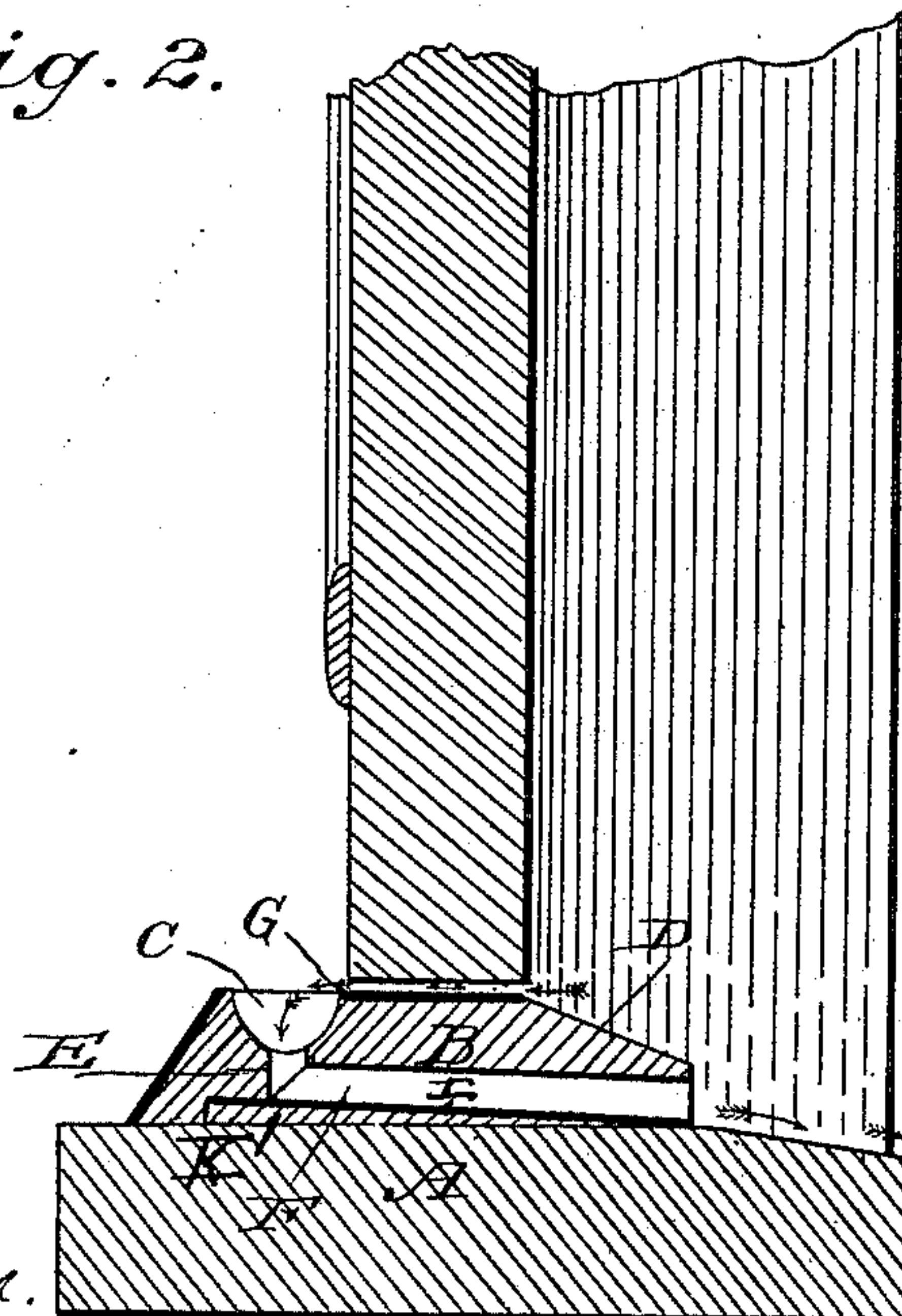
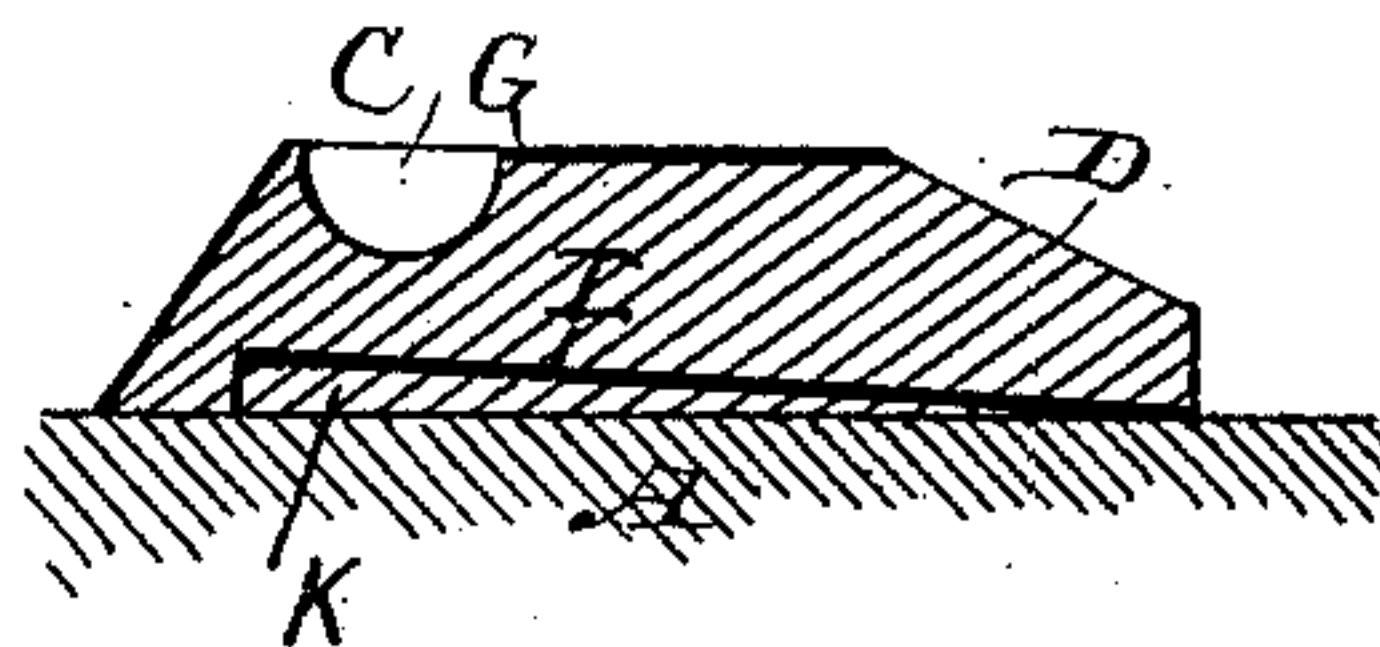


Fig. 3.



WITNESSES

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Fig. 4.

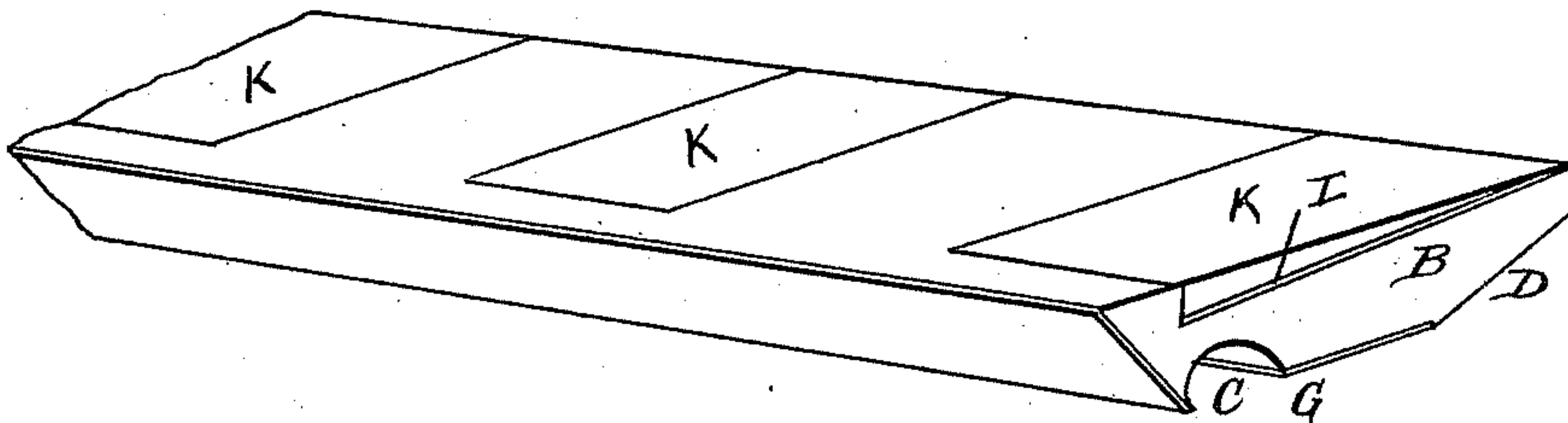
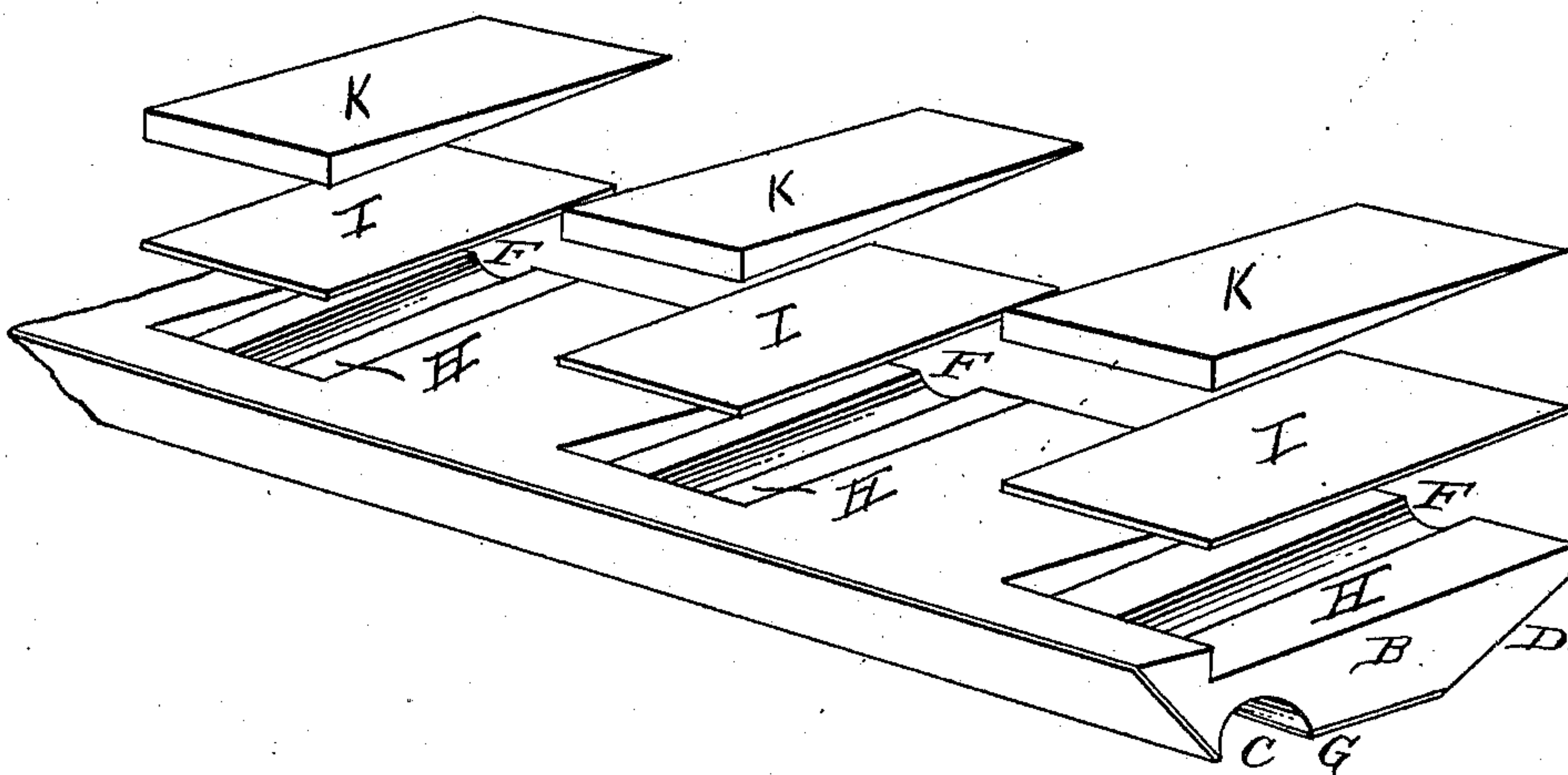


Fig. 5.



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UNITED STATES PATENT OFFICE.

PERRY E. REYNOLDS, OF KING CITY, ASSIGNOR OF ONE-HALF TO WILLIAM HAWKINS, OF ALBANY, MISSOURI.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 299,089, dated May 20, 1884.

Application filed September 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, PERRY E. REYNOLDS, a citizen of the United States, residing at King City, in the county of Gentry and State of Missouri, have invented a new and useful Weather-Strip, of which the following is a specification.

The object of my invention is to provide a weather-strip for the lower portion of the door which will shed the water from the outside and permit the escape of any water driven inside of the door, as more fully hereinafter specified. These objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a front view of a door, showing my weather-strip in position; and Fig. 2 represents a cross-section of the door, sill, and weather-strip. Fig. 3 is a cross-section between the apertures E. Fig. 4 is a reverse view of the sill; and Fig. 5 is a similar view, with the parts raised to show their relative location.

The letter A indicates the door-sill, and B the weather-strip, which is located within the doorway, as shown. The said weather-strip is provided with a longitudinal groove, C, and an inclined water-shed, D, in front. From the groove extend a series of apertures, E, which connect with the channels F in the under side of the weather-strip, to conduct any water driven inside of the door down to the outside,

where it escapes. The inner edge of the weather-strip is beveled, as usual, as indicated in Fig. 2 of the drawings. G indicates a metallic strip, upon which the door closes. The channel F is located in a recess, H, in which fits a metallic plate, I, which forms the bottom of said channel, and this plate I is held in place by a wedge-shaped block, K, corresponding in size and shape to said recess, and which completely fills it when in place. The incline of the plate I being forward, the water is rapidly carried off as it enters the channel F.

I am aware of the construction shown in the Patents No. 1,901, No. 187,419, and No. 246,656, and do not wish to be understood as broadly claiming anything shown therein.

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

The combination, in a weather-strip, of the sill B, having longitudinal groove C, provided with apertures E and channels F, located in wedge-shaped recesses H, in which are secured the plates I and wedge-shaped blocks K, as shown and described.

PERRY E. REYNOLDS.

Witnesses:

JAMES SULLINGE,
WM. DICKENS, Senr.