

(No Model.)

A. T. GREEN & J. WESSELOWSKI.
WEATHER STRIP.

No. 500,885.

Patented July 4, 1893.

Fig. 1.

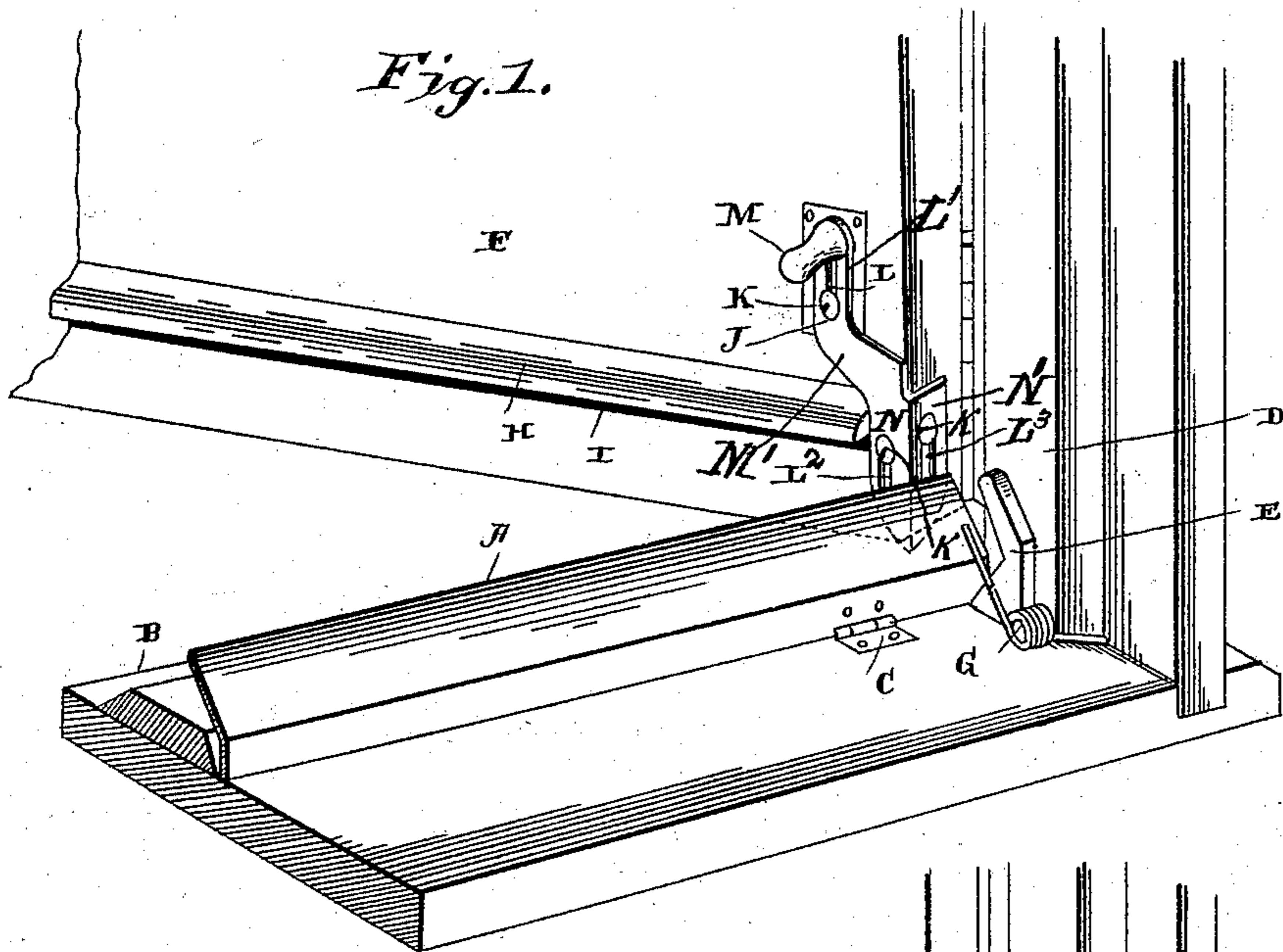


Fig. 2.

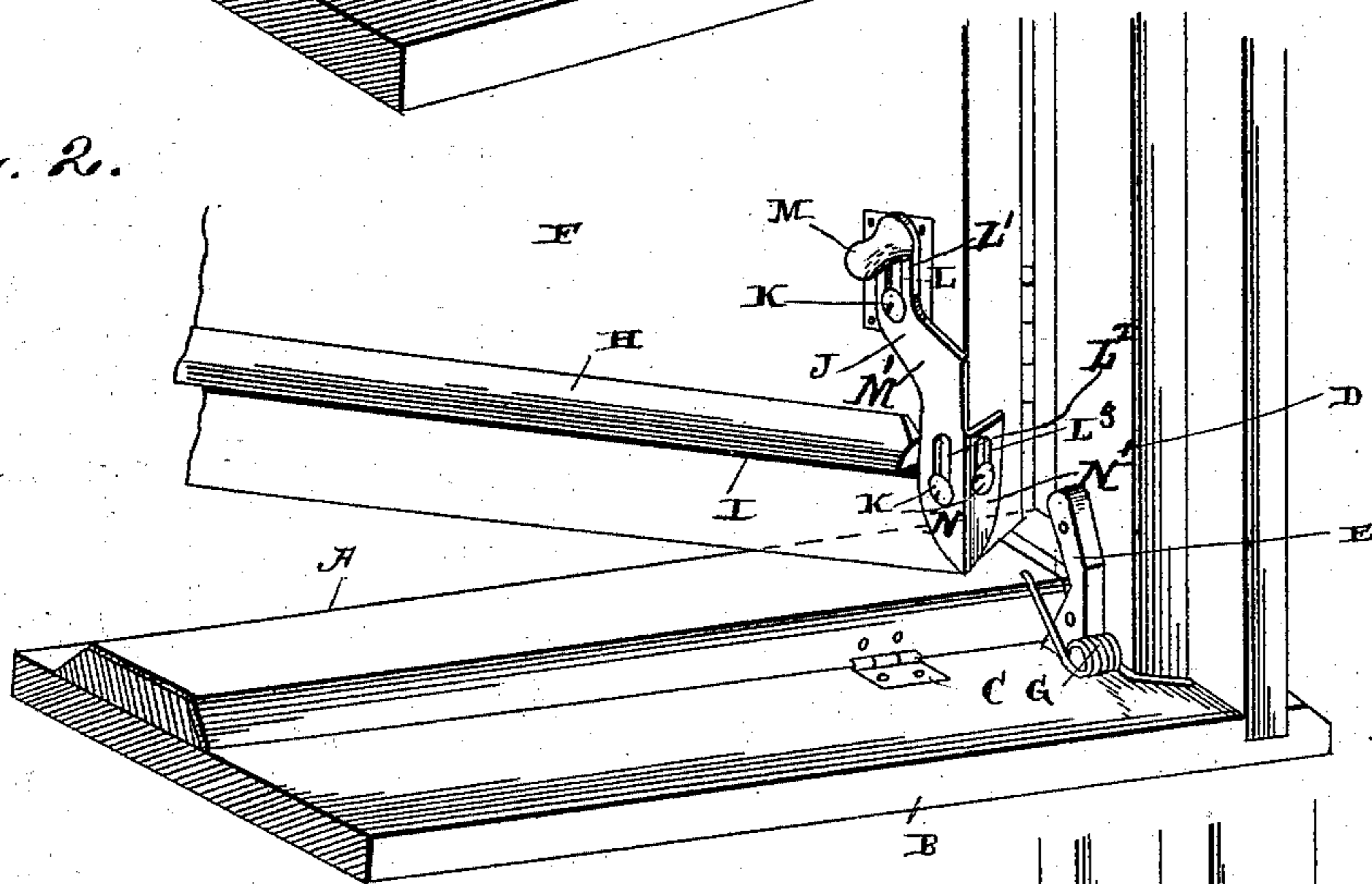
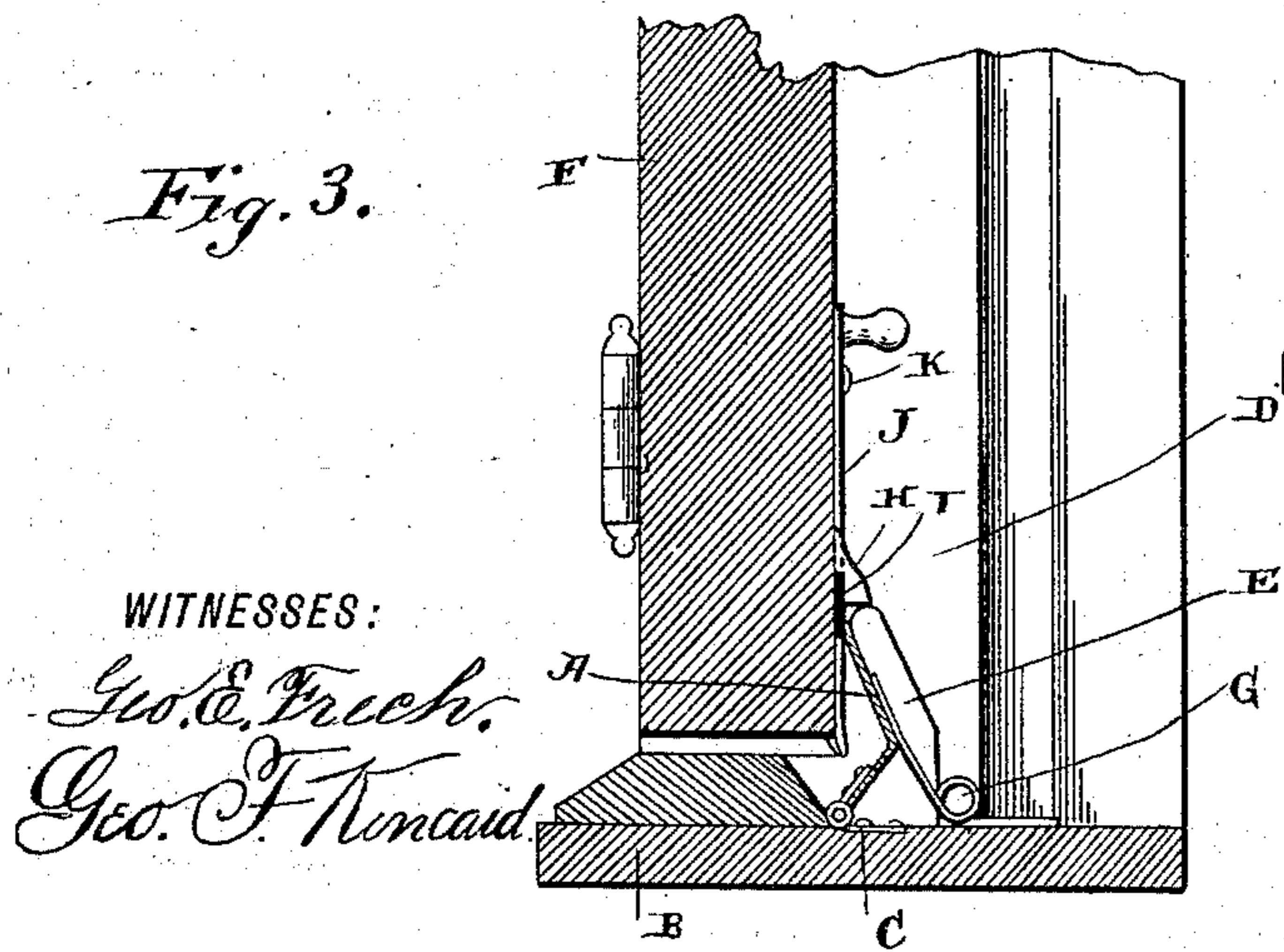


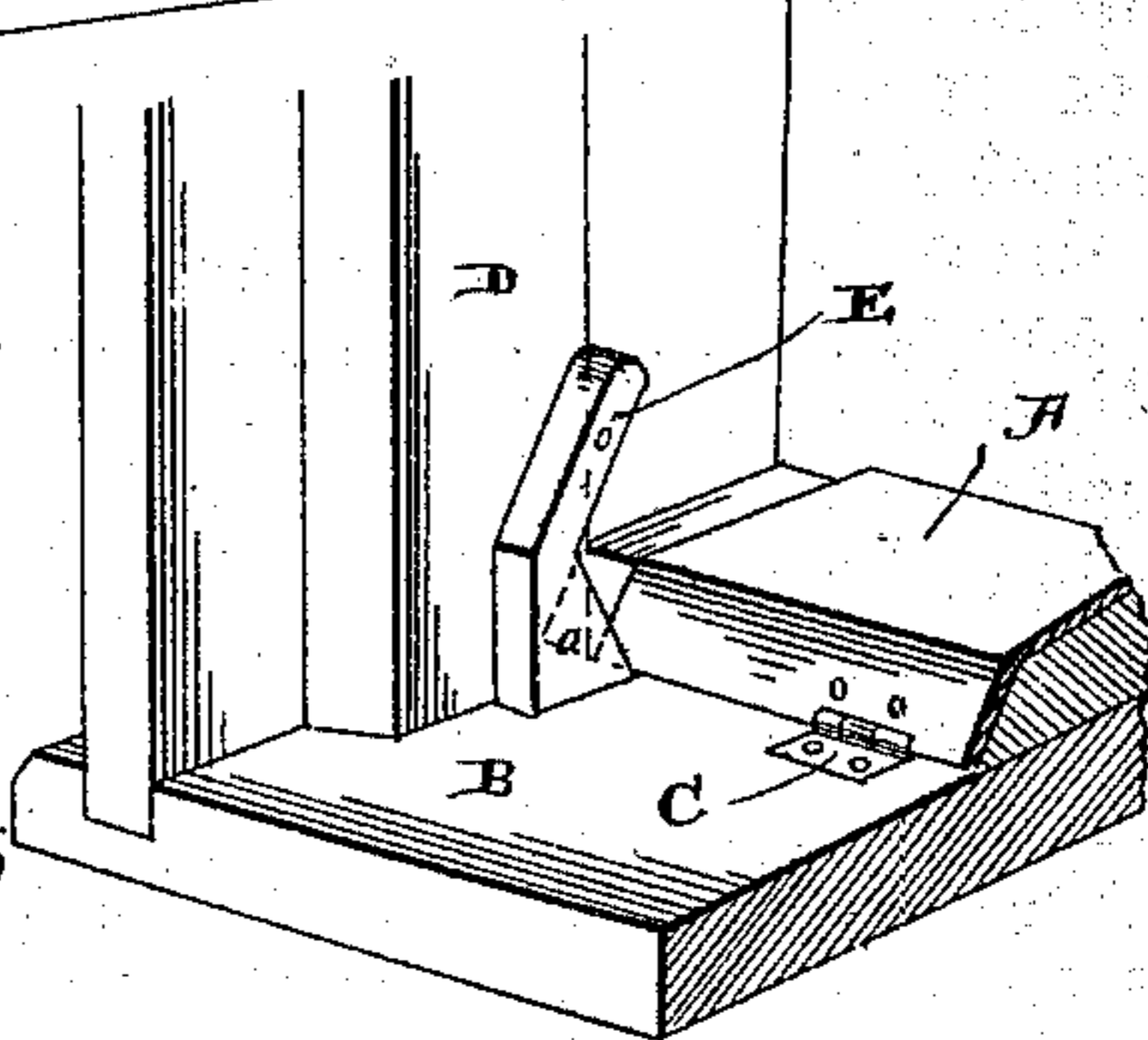
Fig. 3.



WITNESSES:

Geo. E. Frech.
Geo. F. Noncaud.

Fig. 4.



INVENTORS
Alison T. Green
Julius Wesselowski.
BY *John Wedderburn*
their ATTORNEY.

UNITED STATES PATENT OFFICE.

ALISON T. GREEN AND JULIUS WESSELOWSKI, OF JEWELL, KANSAS.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 500,885, dated July 4, 1893.

Application filed July 18, 1892. Serial No. 440,381. (No model.)

To all whom it may concern:

Be it known that we, ALISON T. GREEN and JULIUS WESSELOWSKI, of Jewell, in the county of Jewell and State of Kansas, have invented certain new and useful Improvements in Weather-Strips; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention is an improvement in weather-strips, designed for greater simplicity of construction and certainty of operation.

We have fully hereinafter set forth the details of construction and the essential features of our invention, and illustrated them in the accompanying drawings, in which—

Figure 1 is a perspective view showing the weather-strip partly raised. Fig. 2 is a perspective view showing the sliding piece J raised. Fig. 3 is a vertical section showing the position of the weather-strip when the door is closed, and Fig. 4 is a perspective view showing the other end of weather-strip.

A is an L-shaped metallic weather-strip extending the entire length of the threshold B, and hinged to it by means of the hinges C. On the sides of each of the door stops D is fastened a check or stop E whose inner surface corresponds in shape to the L-shaped strip A, and against which the strip A rests when raised. The strip A is held firmly against the door F by means of the spring G. On the outer face of the door F and extending across it is fastened an ordinary weather-strip H to the under surface of which is secured a rubber strip I. A sliding spur or projection J is secured to the door F by means of screws K which pass through slots L in the slide J, and from the upper end of J projects a knob or handle M.

When it is desired to use the weather-strip the spur or slide J is pushed down into the position shown in Fig. 1. As the door is closed the projection J comes in contact with the edge of the hinged weather strip A, thus pushing it forward and swinging it on its hinges upward, as shown in Fig. 1.

When the door is completely closed the weather-strip A presses firmly against the rubber strip I and the stops E, as shown in Fig. 3, thus preventing any snow or rain from beating under the door.

When the weather is mild and it is not de-

sired to use the weather-strip, the slide J is raised so that its lower end will clear the edge of the weather-strip A, which then remains flat on the upper surface of the threshold as shown in Fig. 2. When the door is opened, the spring G forces the strip A downward against the threshold into the position shown in Fig. 2.

The spur J comprises an upper angularly deflected member M' with a vertical arm L' in which the slot L is formed. The lower part of said spur is formed of two right angular plates N and N', to fit over the angular edge of the door, the plate N being formed with a vertical slot L² and the plate N' with a similar slot L³. The slots L, L² and L³ are all engaged by headed screws K, and the lower ends of the plates N and N' converge to a point.

Our device is also useful on kitchen doors to prevent smoke or fumes from entering the connecting rooms, also on doors of smoke-houses, &c., where it is necessary to prevent any gases from escaping.

When the weather is fair and the strip A is not in use, it protects the door sill from wear.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

The combination of a spring-actuated weather strip extending the entire length of a threshold, checks or stops fastened adjacent to opposite ends of the said strip and having recesses on the inner surfaces thereof which correspond in shape to the contour of said strip, a door having an ordinary weather strip extending entirely across the lower part of the same, a spur comprising an upper vertically disposed slot arm with a knob, and a lower pair of angularly disposed plates fitting over the edge of the door and provided with slots, said arm being deflected to one side of the lower plates, and headed screws engaging the slots of said spur, substantially as described.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

ALISON T. GREEN.
JULIUS WESSELOWSKI.

Witnesses:

W. M. CHILCOTT,
F. E. RUGGLES.