

(No Model.)

G. W. GORDON.
WIRE DOOR FOR CHEESE SAFES.

No. 302,837.

Patented July 29, 1884.

Fig. 1.

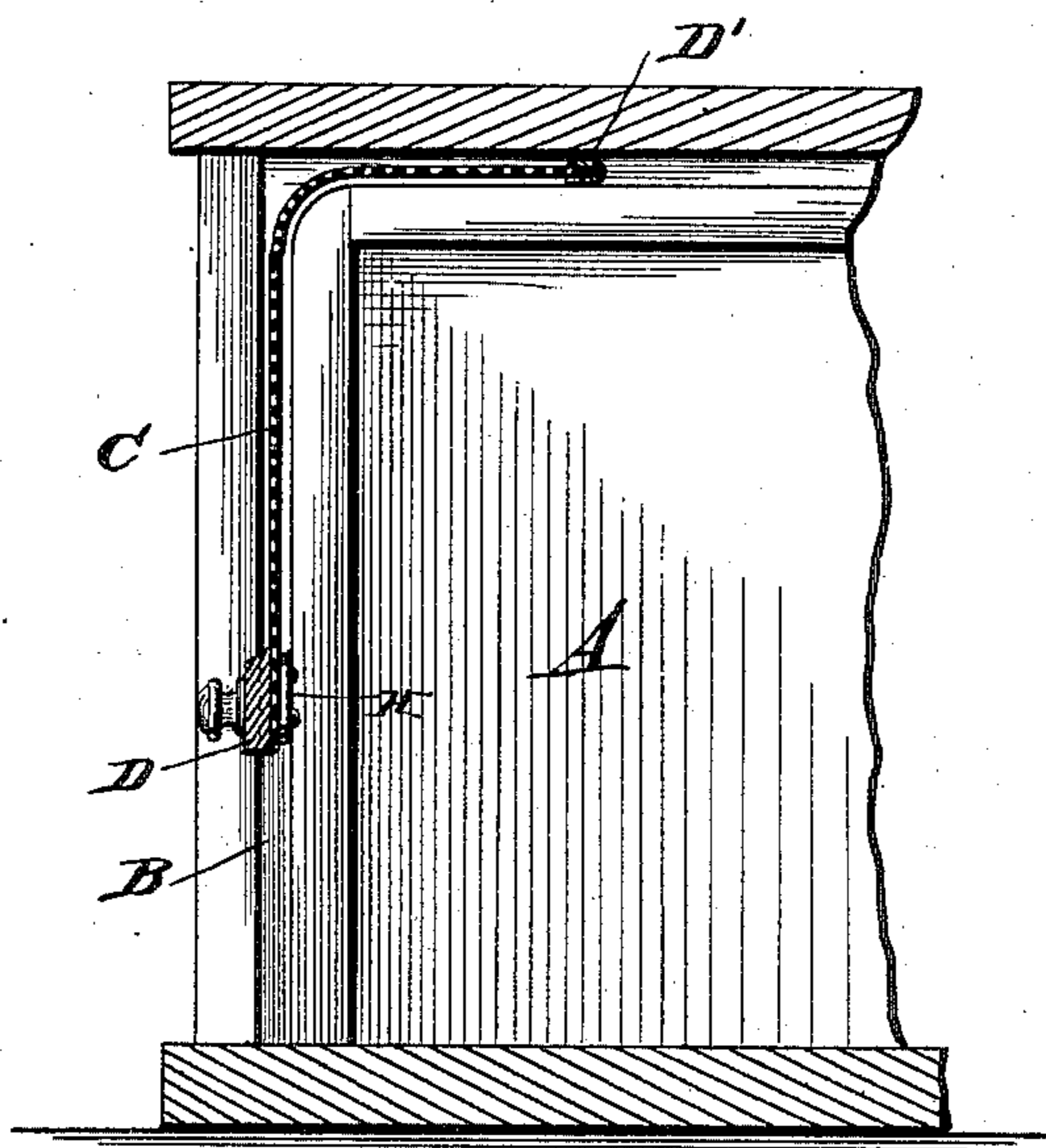


Fig. 2.

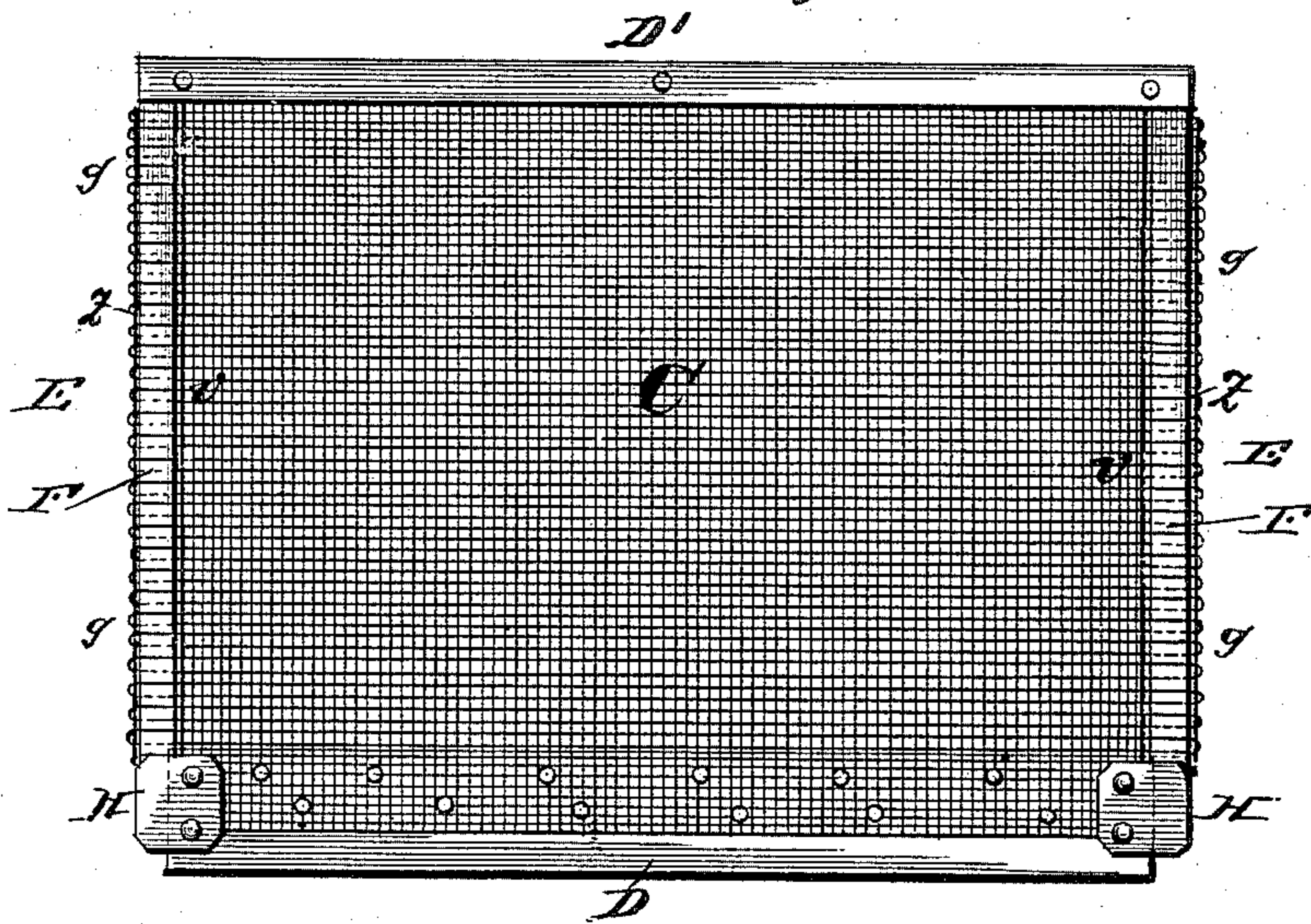
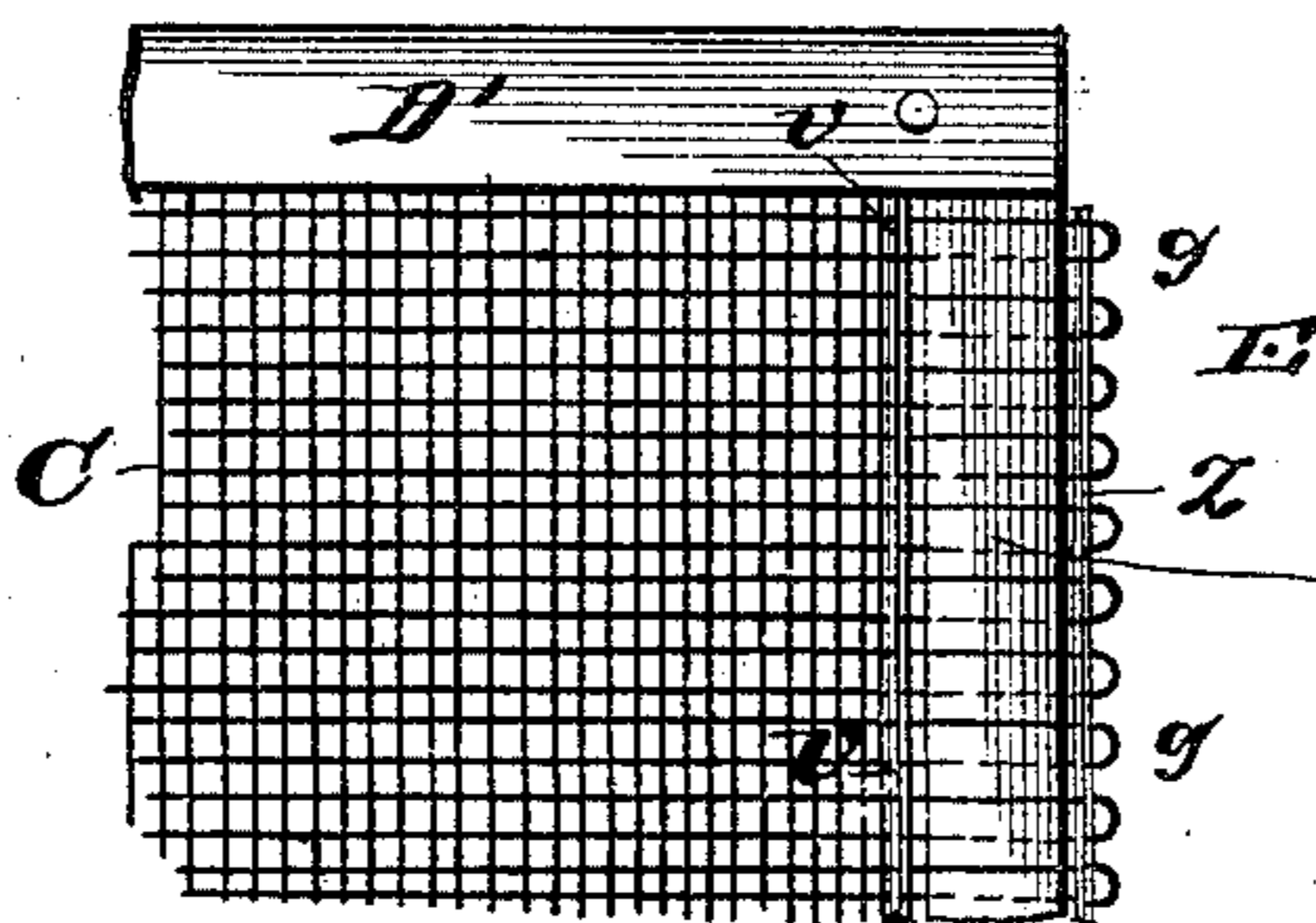


Fig. 3.



WITNESSES.

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UNITED STATES PATENT OFFICE.

GEORGE W. GORDON, OF DETROIT, MICHIGAN, ASSIGNOR TO THE E. T. BARNUM WIRE AND IRON WORKS, OF SAME PLACE.

WIRE DOOR FOR CHEESE-SAFES.

SPECIFICATION forming part of Letters Patent No. 302,837, dated July 29, 1884.

Application filed May 27, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. GORDON, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Wire-Cloth Sliding Doors for Safes; and I do 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a vertical sectional view of my device. Fig. 2 is a front view of the same, and Fig. 3 is a detail view.

This invention has relation to wire-cloth doors adapted to slide up and down in the fronts of cheese-safes; and it consists in the construction and novel arrangement of the parts, forming a wire-cloth door of proper stiffness and diameter to slide in the grooves of the front framing, all as hereinafter set forth, and pointed out in the appended claims.

In the accompanying drawings, the letter A designates a portion of the front framing of a cheese-safe—such as is used by retail dealers—having at each side of the front opening a guide-groove, B, adapted to engage the edge of a wire-cloth door designed to be pushed up or pulled down in the vertical position.

C represents the wire-cloth door, which is usually made with the wooden bottom strip, D, and metal top strip, D'. Next each selvage edge E of the door, at the sides thereof, the web wires form loops *g g*, through which a strip, F, of steel or other metal or substance having, with flexibility, sufficient stiffness, is passed. These lateral interwoven edge strips, F, are designed to support the selvage edges E in the guide-grooves B of the front. These edges thus supported possess flexibility and strength, and are easily constructed, and durable. Said door may be made of the desired

stiffness horizontally and flexibility vertically by weaving cloth with light warps vertically and heavy filling horizontally, thus giving the door free action to work over curves and changing the course of the door to any desired position. The bottom strip, D, is usually made a little shorter than the width of the wire-cloth door, so that when attached thereto the side edges of the door will project a little at the ends of the strip.

H H are corner-plates, of tin or zinc or other material, which are secured to the ends of the strip D back of the wire-cloth, and, projecting beyond the ends of the strip, support the lower ends of the slide edges of the wire-cloth door, preventing the same from becoming bent or injured.

It will be seen that the edges of the door are further stiffened by interweaving two wires, *z*, in the selvage edge, and two wires, *v*, at the inner ends of the loops *g*.

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

1. A wire-cloth sliding door for safes, having next the sliding edges interwoven stiffening-strips, of metal or other flexible material, adapted to support said sliding edges and give the same strength and durability, substantially as specified.

2. A wire-cloth sliding door having its slide edges projecting beyond the ends of the bottom strip, the flexible supporting-strips F, interwoven in said slide edges, and the protecting corner-plates H, secured to the bottom strip, and projecting beyond the ends thereof, back of the stiffened edges of the wire-cloth, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. GORDON.

Witnesses:

JNO. B. CORLISS,

CLAUDE E. WILSON.