

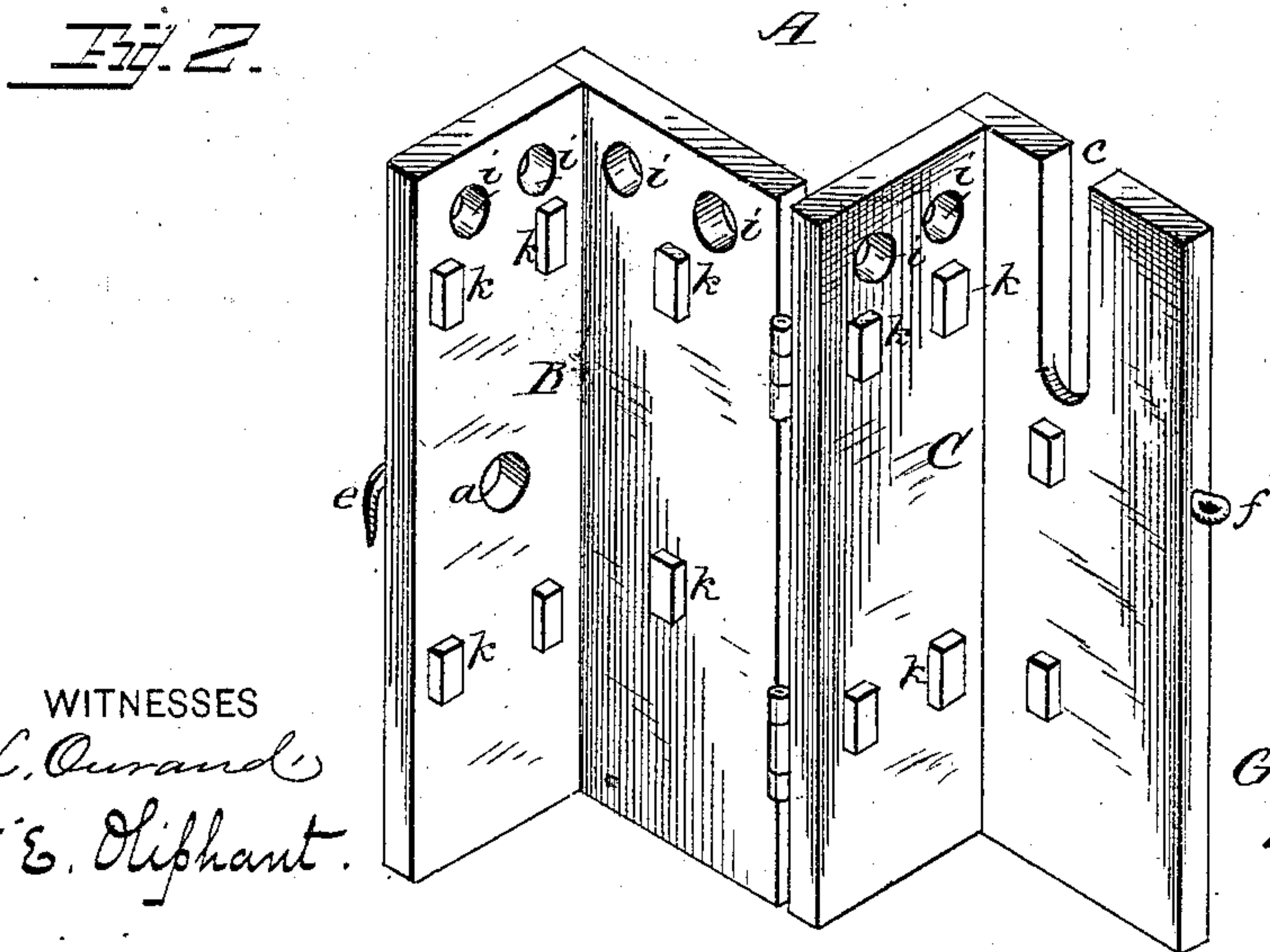
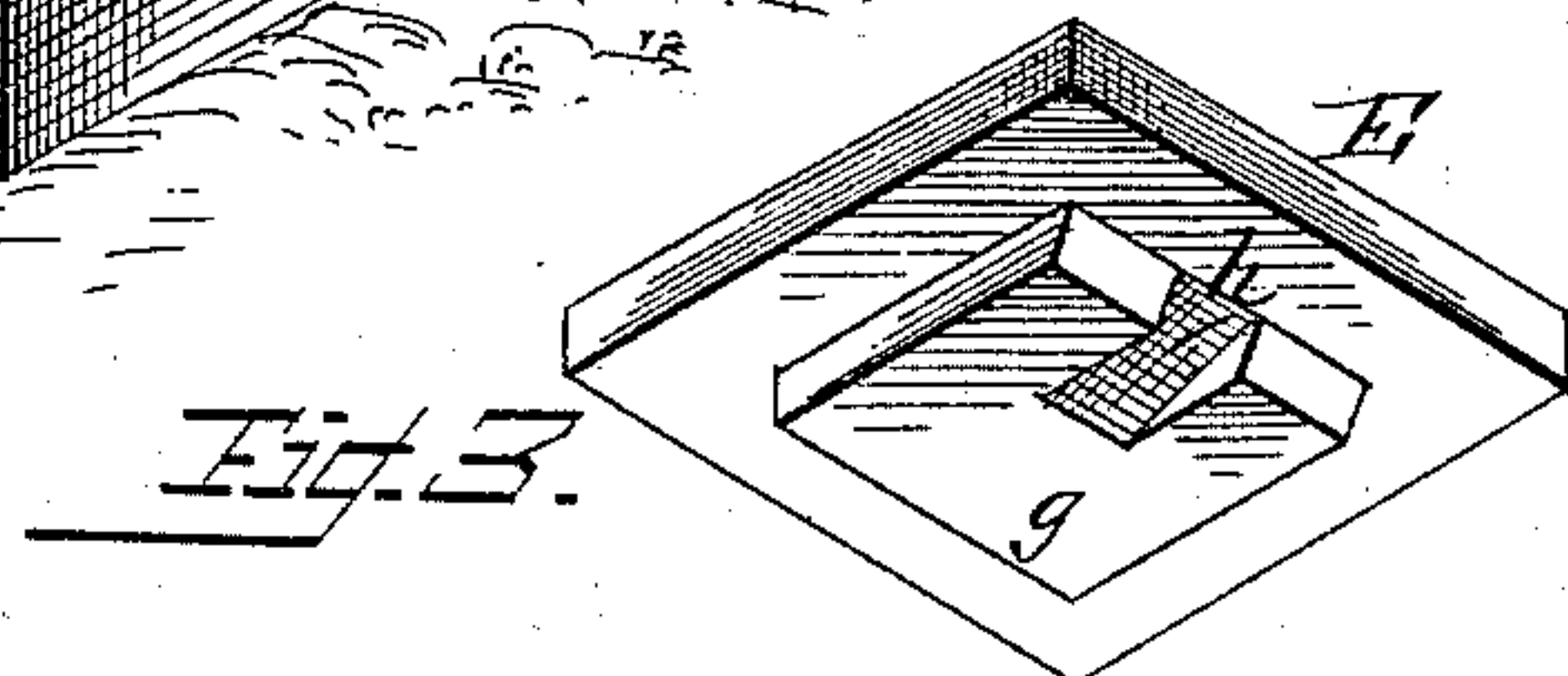
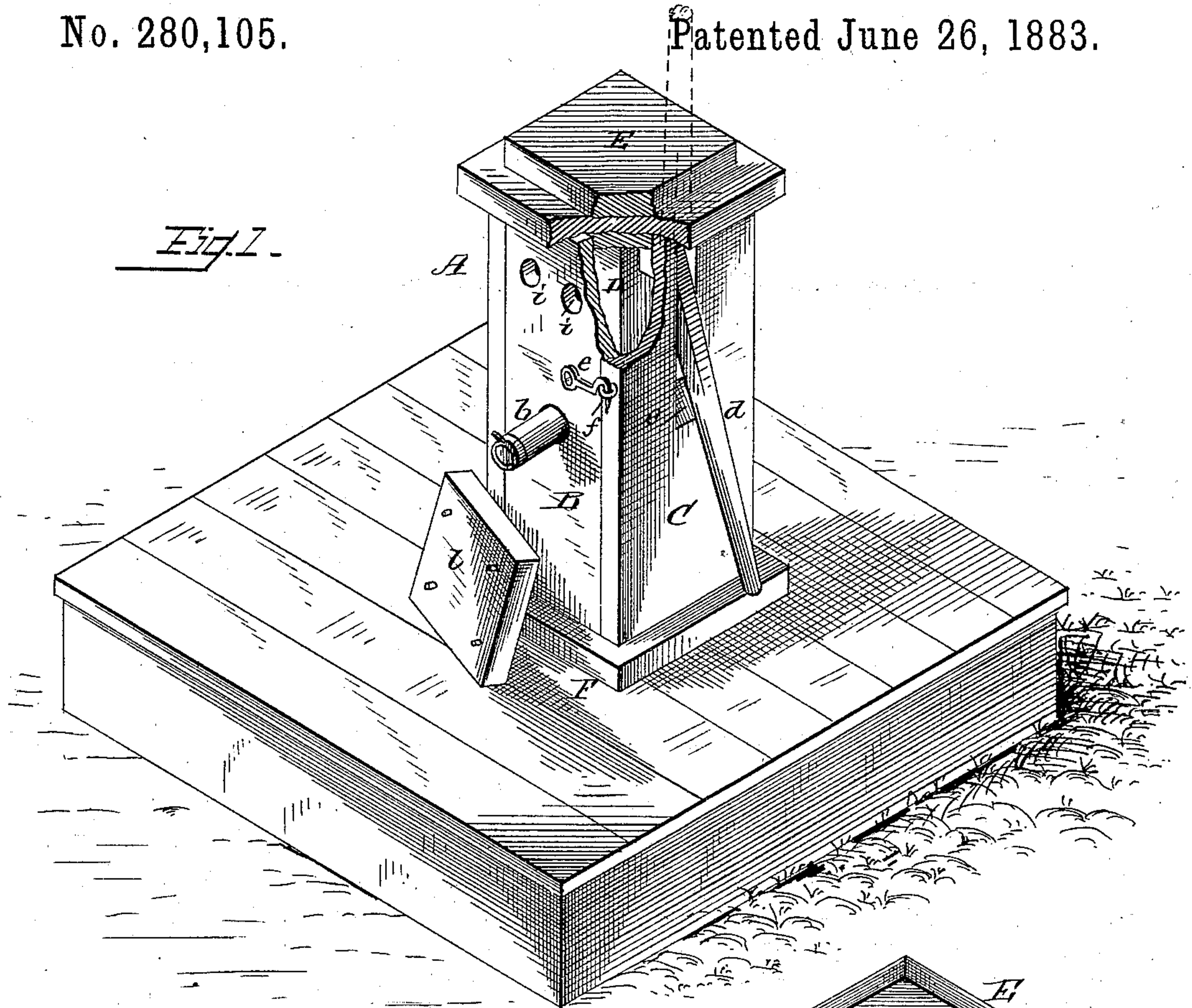
(No Model.)

G. W. WEYBURN.

PUMP CASING.

No. 280,105.

Patented June 26, 1883.



WITNESSES
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PUMP-CASING.

SPECIFICATION forming part of Letters Patent No. 280,105, dated June 26, 1883.

Application filed March 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. WEYBURN, a citizen of the United States, residing at Goshen, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Pump-Casings; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of the casing in connection with a pump; Fig. 2, a detailed view of the same removed, and Fig. 3 a similar view of the cover or top.

The present invention has relation to certain new and useful improvements in casings for pumps, and refers to that class in which the casing entirely incloses that portion of the pump-stock above the ground to form a space around it to prevent the freezing of the water in winter.

It is the object of my invention to improve the construction of the above-mentioned class of pump-stock casings, whereby it may be readily and conveniently secured around the stock or removed therefrom, as circumstances may require. These objects I attain by the peculiar construction of the pump-casing, substantially as shown in the drawings and hereinafter described and claimed.

In the drawings, A represents the casing, consisting of two right-angular sections, B C, hinged together, the section B being provided with an orifice, *a*, for the spout *b* of the pump D, and the section C with a slot, *c*, for the pump-handle *d*. These two sections, when closed, form an air-space, and are held together by a hook, *e*, and eye *f*, or other suitable fastening, and are covered with a top, E, provided with a block, *g*, which fits into the space formed by the two sections when closed, and covers the top of the pump, a notch, *h*, being cut in said block to permit the play of the pump-handle. The sections B C, when closed together around the pump-stock, fit into and are held by a suitable molding, F, upon the well-platform, said sections being provided with apertures *i*, for the escape of the vapor and effluvia arising from the well, and also with braces *k* upon

their interior sides, which come against and steady the pump-stock.

To place the casing around the pump D, the cap *l* of said pump is removed, the spout *b* passed through the orifice *a* in the section B, the handle *d* lifted, as shown by dotted lines, Fig. 1, and the sections closed together and fastened by means of the hook and eye *e f*, or other suitable fastening. The handle is then dropped into the notch *c* of the section C, and the cover or top E is placed in position.

It will be readily seen that by the use of my invention, which is readily and removably connected to any pump, the vapor from the well passes up and around the pump when the weather is cold, thus keeping said pump warm and preventing the freezing of the water in the pump-stock, and entirely obviating the use of a leak-rod, thereby admitting of the water being always kept up to the spout and ready to be pumped out with one stroke, which saves pumping and consequent wear and tear upon the pump. The vapor, and effluvia, if any, escapes through the apertures in the sections as it rises in the air-space.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A casing for pumps, consisting of two right-angular sections hinged together, and provided, respectively, with an orifice for the pump-spout and a slot for the pump-handle, said sections closing together around the pump-stock to form an air-space, and covered with a suitable cap or top, substantially as and for the purpose described.

2. The pump-casing A, formed of two right-angular sections, B C, having apertures *i* and braces *k*, the section B being provided with an orifice, *a*, and the one C with a slot, *c*, in combination with a well-platform having a molding, F, thereon, the cover or cap E, and pump D, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE W. WEYBURN.

Witnesses:

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