

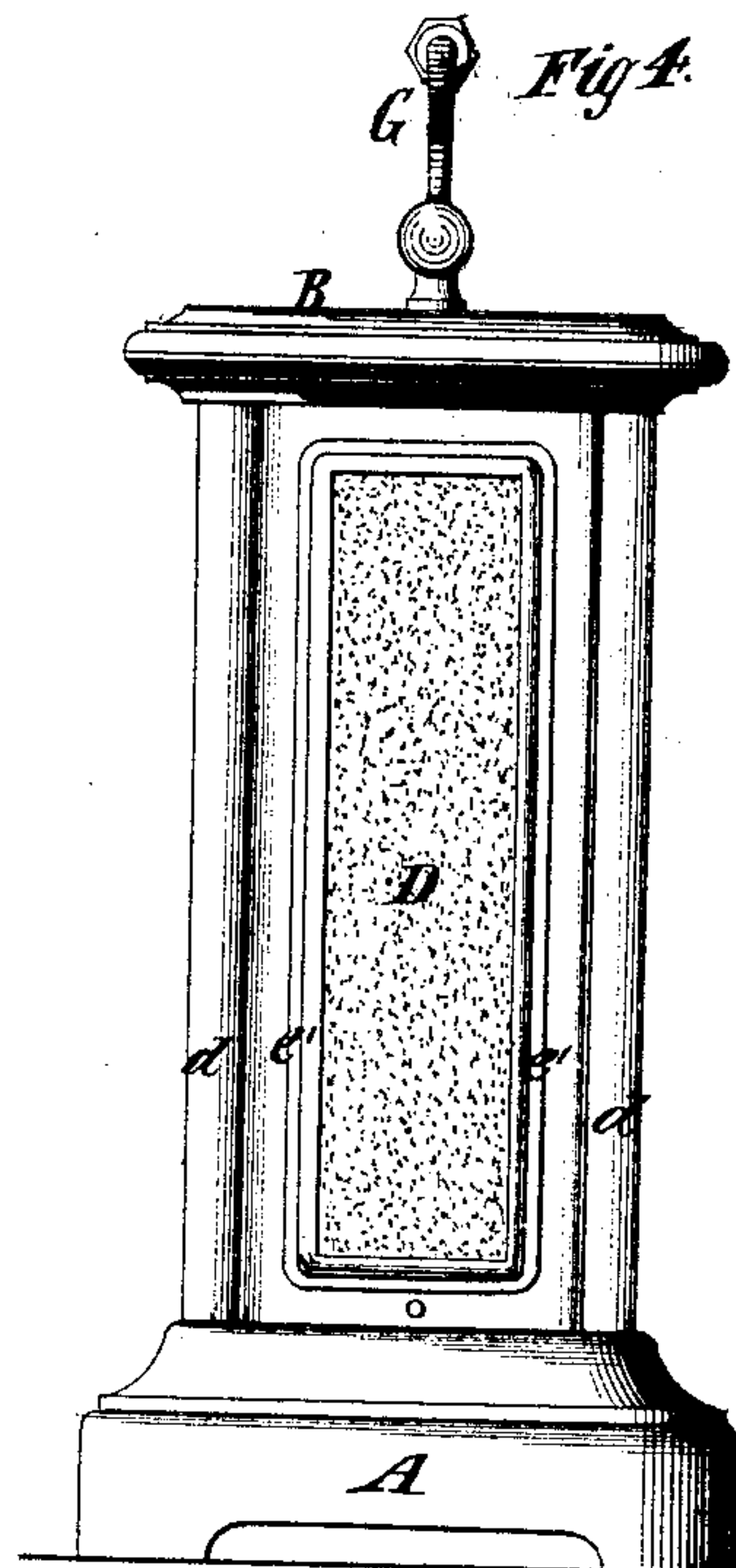
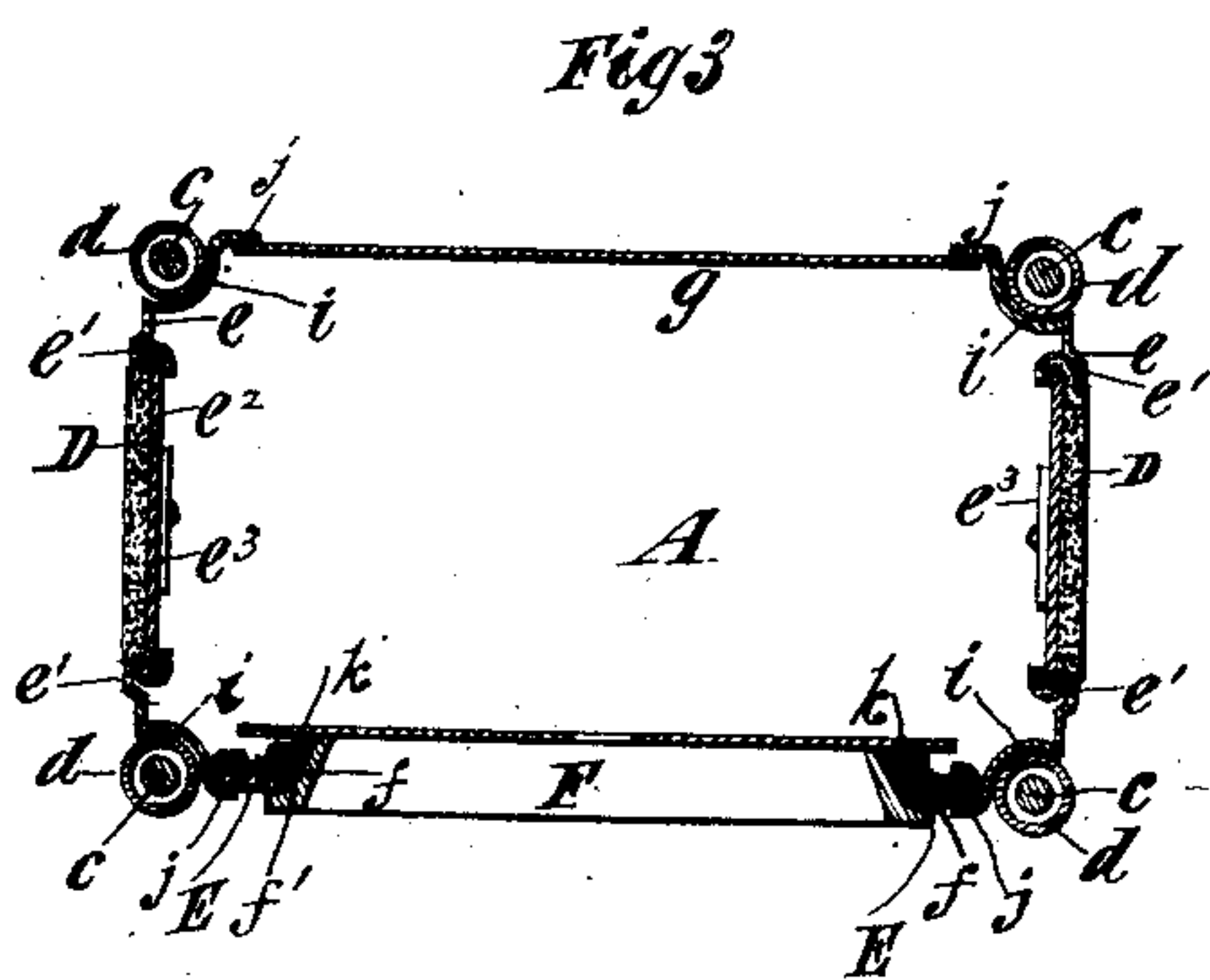
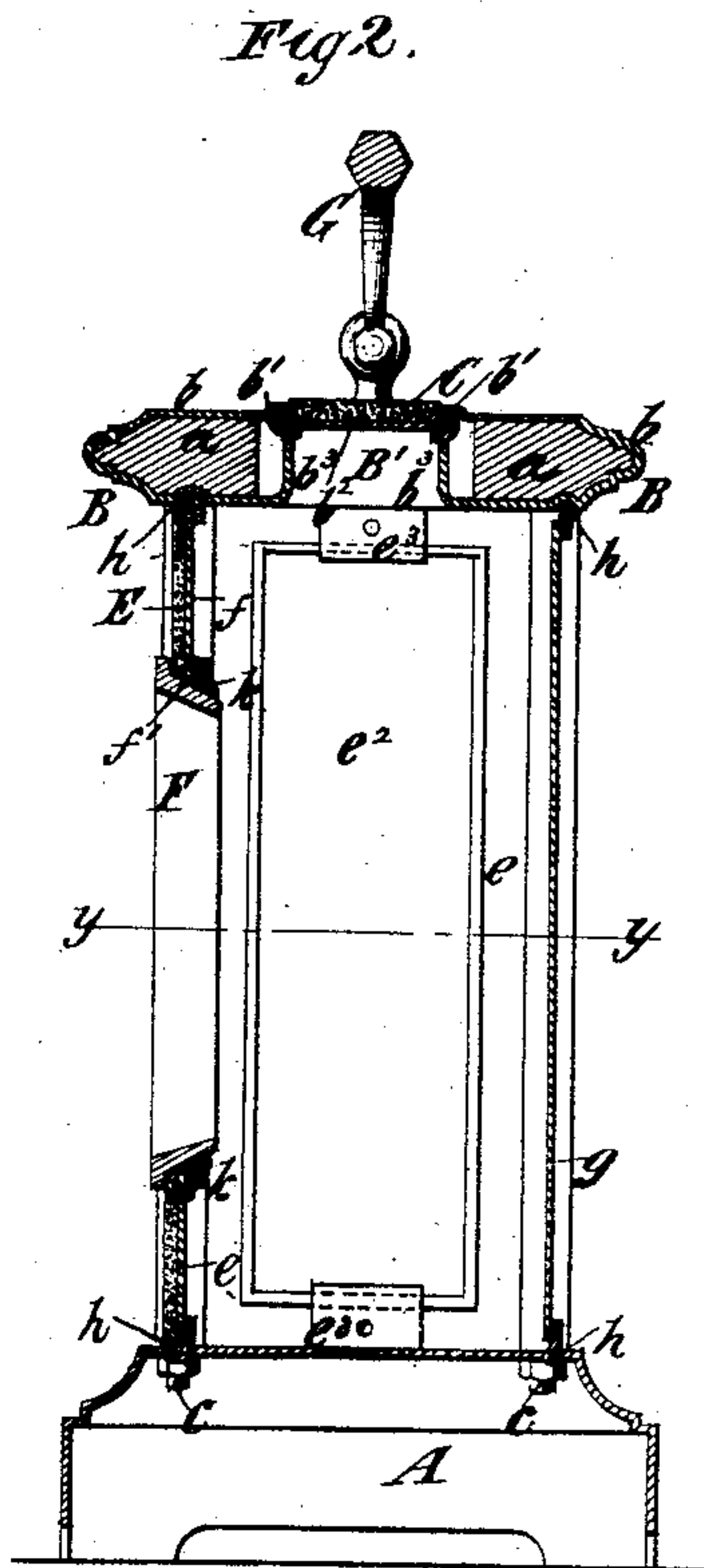
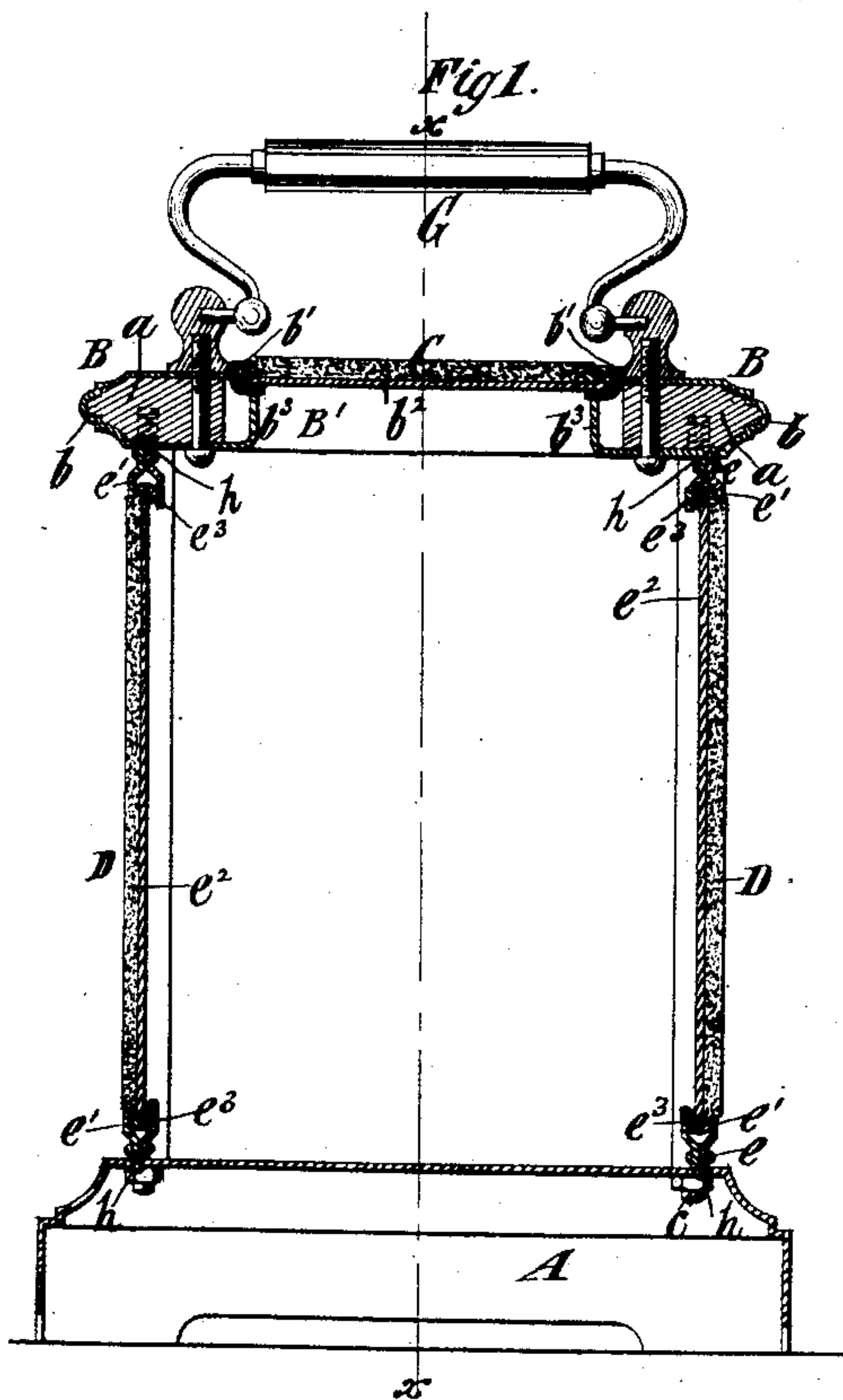
(No Model.)

H. J. DAVIES.

CLOCK CASE.

No. 260,544.

Patented July 4, 1882.



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# UNITED STATES PATENT OFFICE.

HENRY J. DAVIES, OF BROOKLYN, NEW YORK.

## CLOCK-CASE.

SPECIFICATION forming part of Letters Patent No. 260,544, dated July 4, 1882.

Application filed January 31, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY J. DAVIES, of the city of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Clock-Cases, of which the following is a specification.

My invention relates to clock-cases the frames of which are of metal and the front, sides, and top of which are paneled or partly faced with plush or other fabric.

The invention consists in a novel and simple combination of the component parts of the case with the plush or fabric employed as the facing for the front and sides or panels, whereby said fabric is secured in a very effective manner.

In the accompanying drawings, Figure 1 represents a vertical section of a clock-case embodying my invention in a plane parallel with the front and back thereof. Fig. 2 represents a vertical section upon the dotted line  $x x$ , Fig. 1. Fig. 3 represents a horizontal section of the case upon the dotted line  $y y$ , Fig. 2; and Fig. 4 represents a side view of the case.

Similar letters of reference designate corresponding parts in all the figures.

The case here represented is very similar in construction to that shown and described in Letters Patent No. 223,112, granted March 2, 1880, to myself and Daniel M. Somers, and the component parts thereof are principally formed of sheet metal pressed or stamped into the desired form by the cheap processes employed in forming articles of sheet metal.

A designates the base of the case, which is represented as hollow; and B designates the top of the case, which is composed of a frame of wood or metal,  $a$ , of the required shape inclosed in a shell,  $b$ , of thin sheet metal, which is preserved in shape thereby. The top and bottom are held together by means of bolts  $c$ , placed at the four corners of the case, and they are maintained at a proper distance apart by means of hollow columns or pillars  $d$ , consisting of tubes surrounding the said bolts and fitting between said top and bottom.

The four upright walls of the case consist of plates of sheet metal,  $e e$  designating the two sides,  $f$  the front, and  $g$  the back, and in the top surface of the bottom A and the under surface of the top B are formed grooves  $h$ , into which the top and bottom edges of the plates

$e$ ,  $f$ , and  $g$  fit, and wherein they are held by the bolts  $c$ , which connect the bottom and top together. The upright sides  $e$  are recessed or bent concavely in a vertical direction to form recesses  $i$ , which receive the columns or pillars  $d$ , and the edges of the sides are bent at  $j$ , so as to form lips, which receive the front plate,  $f$ , and the back plate,  $g$ , as clearly shown in Fig. 3.

In the top B of the case is an opening,  $B'$ , and the hole in the upper portion of the covering metal  $b$  is smaller than said opening, and forms a projecting lip,  $b'$ , overlapping the edges of said opening. In the opening  $B'$  is fitted a panel, C, of plush or fabric, which is folded over the edges of a back plate,  $b^2$ , and is held in place against the lip  $b'$  by the said back plate, and said plate is secured by means of lips or lugs  $b^3$ , which are formed on the covering metal  $b$ , and are bent inward against the plate, as seen in Figs. 1 and 2.

In lieu of the plate  $b^2$ , a block of the same thickness as the top B might be used, and in such case the lips or lugs  $b^3$  would not be bent inward or upward, but would simply overlap the block.

In the two sides  $e$  of the case are large openings, the edges of which form lips  $e'$ , and D designates panels of plush or other fabric secured in said openings by back plates,  $e^2$ . The plush is folded over the edges of the back plates,  $e^2$ , and the latter are held in position to clamp the plush D against the lips  $e'$  by means of clips  $e^3$ , secured to the sides  $e$ , as clearly seen in Figs. 1 and 3. When the edges of the plush or fabric forming the panels D are folded or doubled over the edges of the plate  $e^2$  and secured, as above described, the plush is not liable to get loose.

The front plate,  $f$ , of the case is covered entirely, except the space occupied by the dial-opening  $f'$ , by a piece of plush or other fabric, E, and the top and bottom edges of this plush or fabric are folded over the top and bottom edges of the plate  $f$  and fit in the grooves  $h$  in the top and bottom of the case, as shown clearly in Fig. 2.

When the nuts upon the bolts  $c$  are tightened the edges of the plate  $f$  bite upon the plush or fabric and clamp it upon the top and bottom of the case.

The side edges of the plush or fabric E are



folded over the side edges of the plate *f* and fit inside the lips *j*, formed upon the sides *e*, as previously described, and as best seen in Fig.

3. The plush or fabric extends to the edge of the opening *f'*, and the edge of the plush is held by the sash *F*, which is inserted through the opening *f'*, and has a flange which presses and holds the plush or fabric tightly against the plate *f*.

10 The ring or sash *F* is pressed inward through the plate *f*, so that its flange will bite firmly upon the plush or fabric *E* and clamp it securely against the plate *f*, and said ring or sash is then permanently secured in place by tacking it with solder to the back of the plate *f* at intervals around its circumference, as shown at *k* in Figs. 2 and 3. At the top of the case is a handle, *G*, whereby it may be carried.

By my invention I provide a clock of very handsome appearance at a comparatively low cost.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with the side plate, *e*, having an opening surrounded by lips *e'*, of the panel *D*, of plush or fabric, applied to the inner side thereof, the back plate, *e''*, placed behind said panel, and clips *e'''*, secured to the side *e* and overlapping said plate *e''*, to clamp the said panel between it and the lips *e'*, substantially as specified.

2. The combination of the frame *a*, the sheet-metal covering *b* for said frame, overlapping the upper and lower inner edges thereof, and the panel *C*, of plush or fabric, with its back plate, *b''*, both fitted within said frame and between the upper and lower inner edges of said covering, substantially as specified.

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Witnesses:

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