

F. C. WILSON.
Casing for Can.

No. 222,763.

Patented Dec. 16, 1879.

Fig. 1.

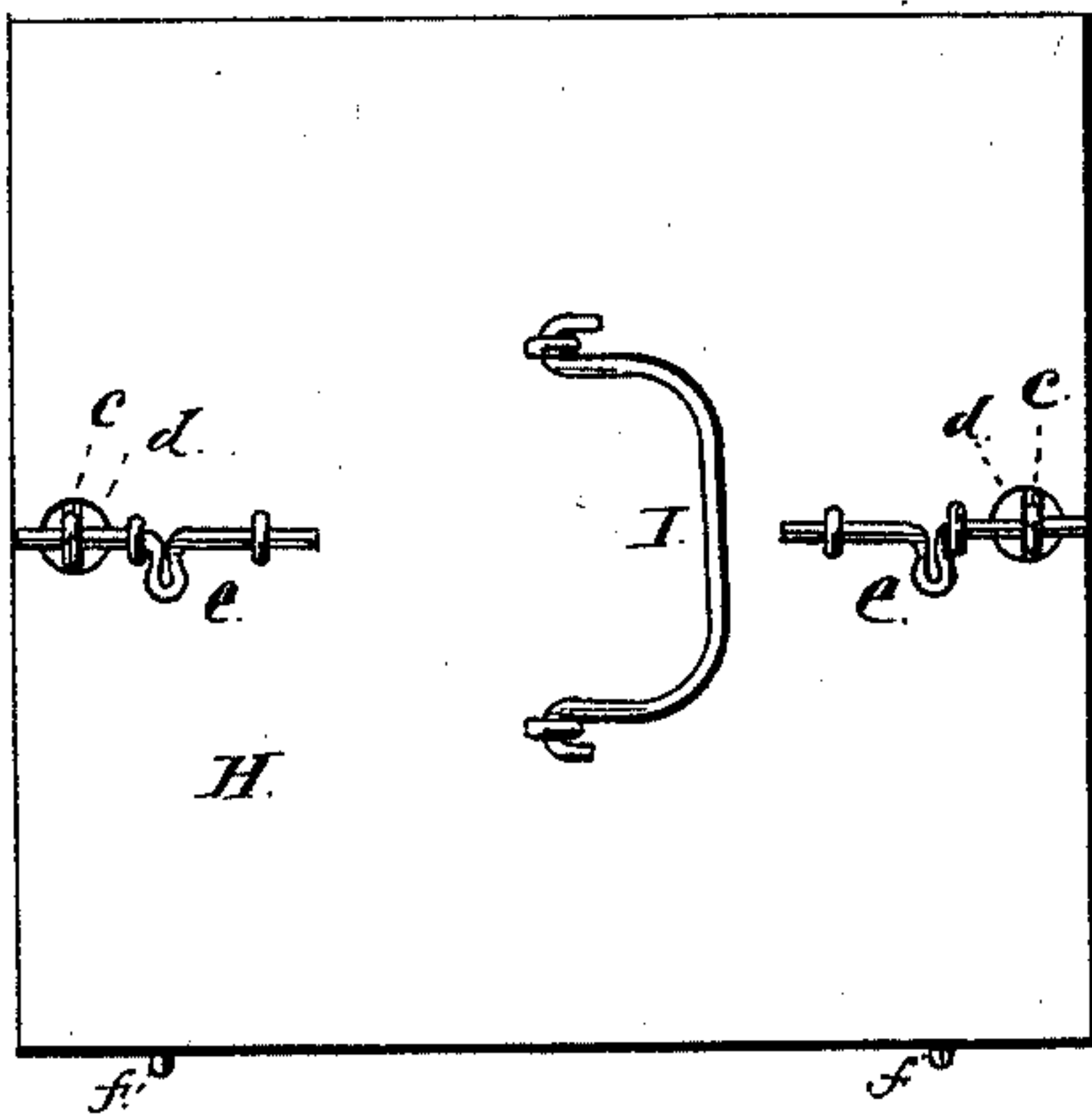


Fig. 2.

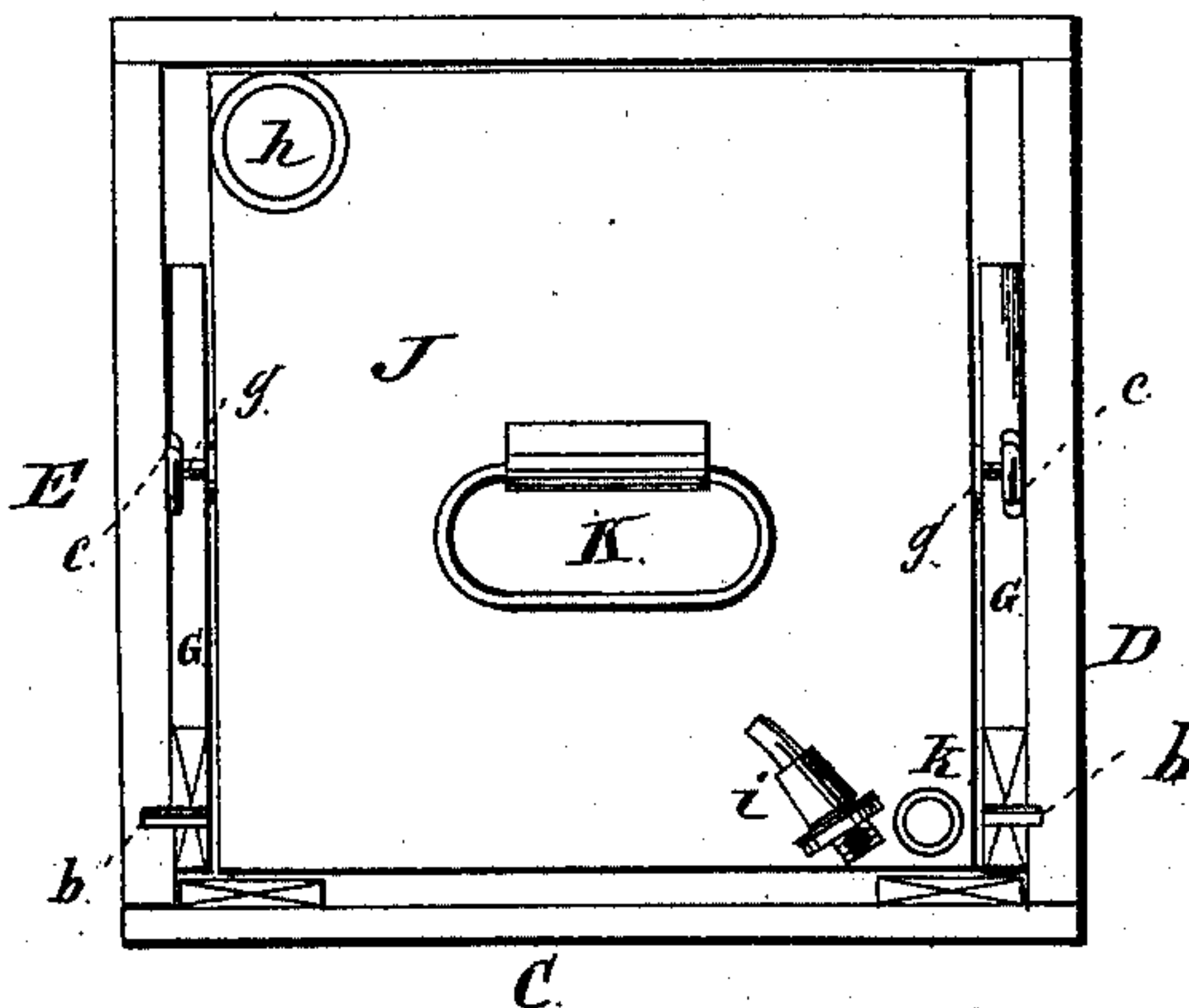


Fig. 3.

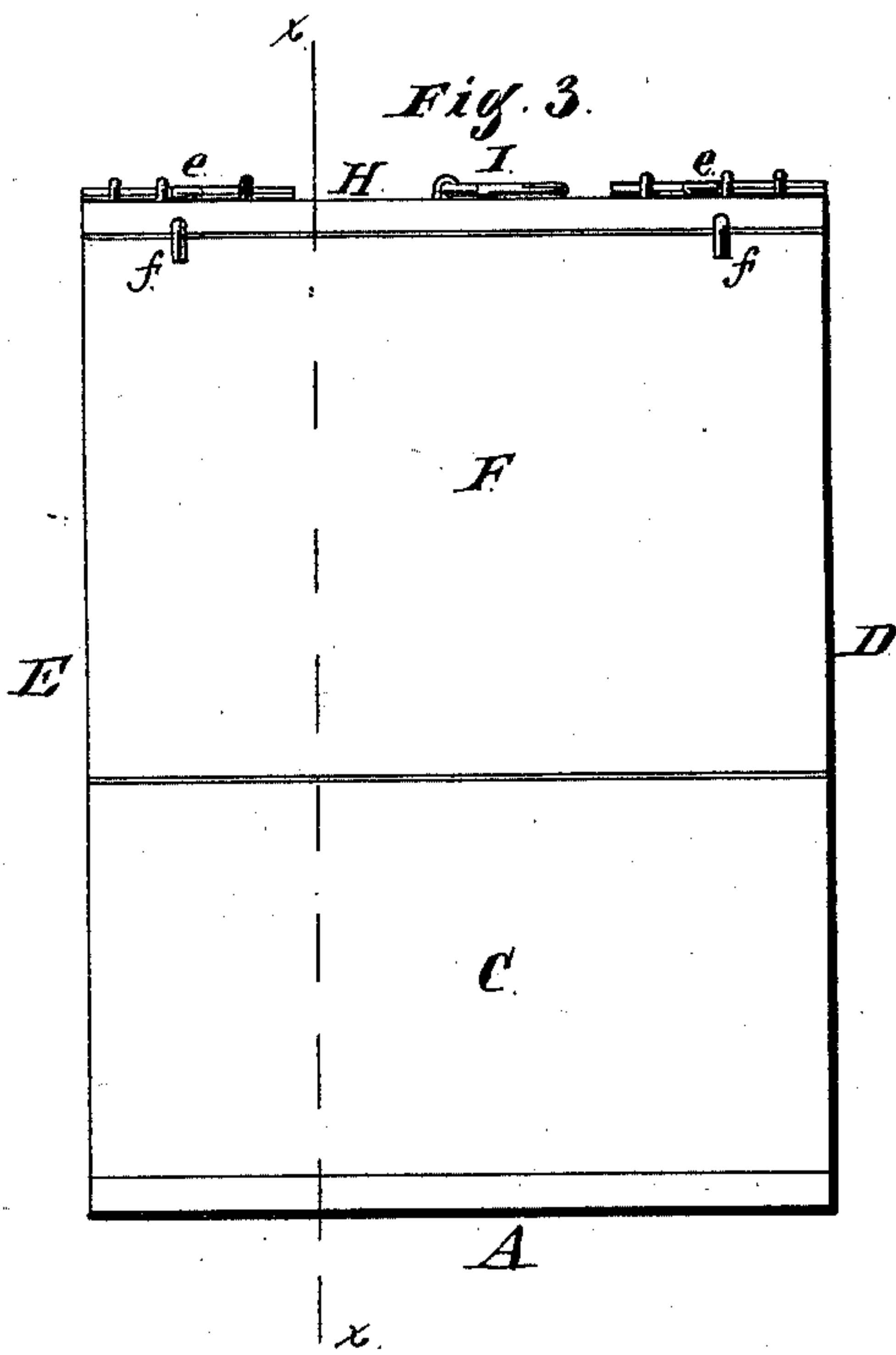
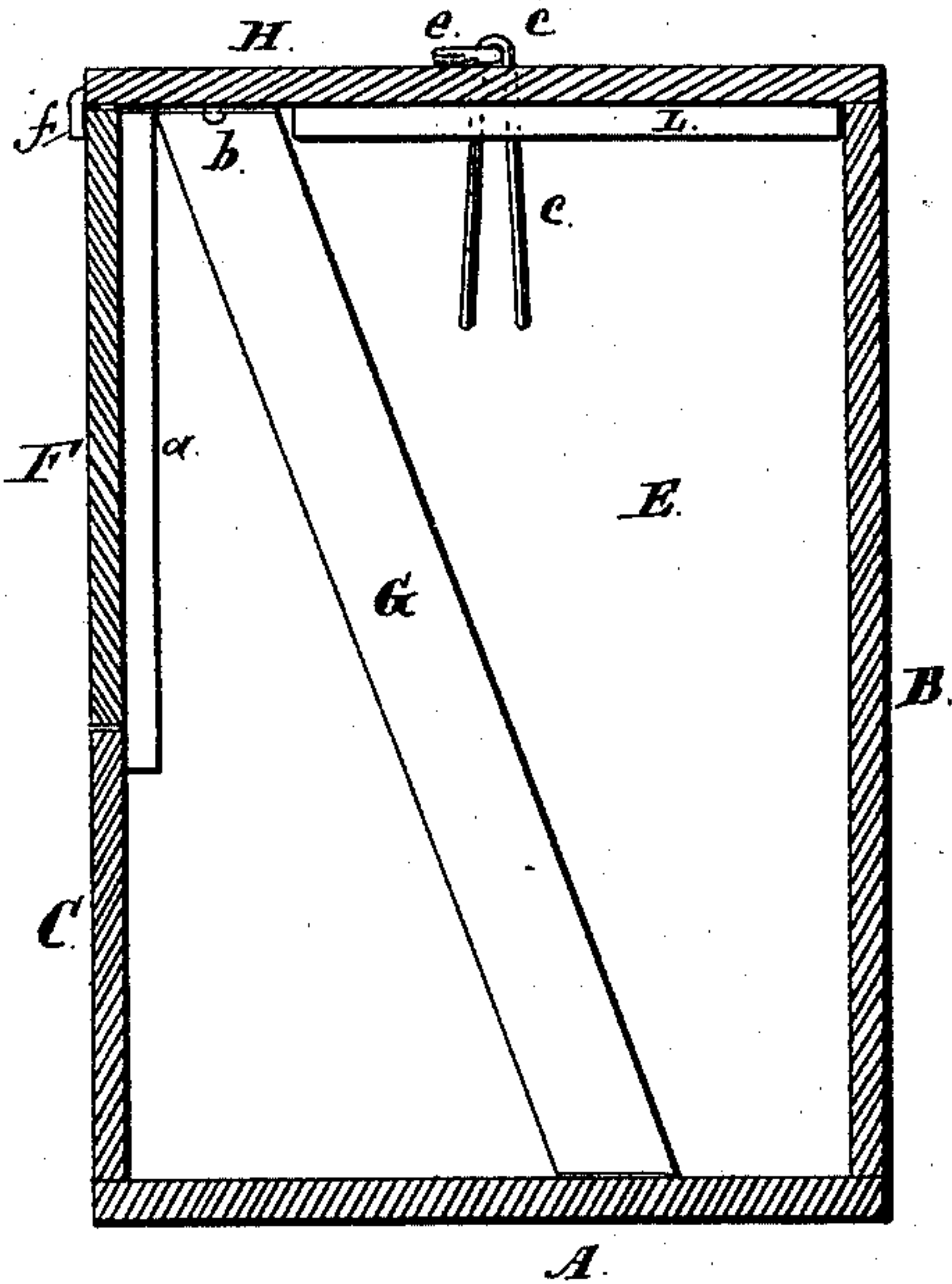


Fig. 4.



Witnesses:

E. A. Mott
A. L. Brown

Inventor:

F. C. Wilson

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Fig. 5.

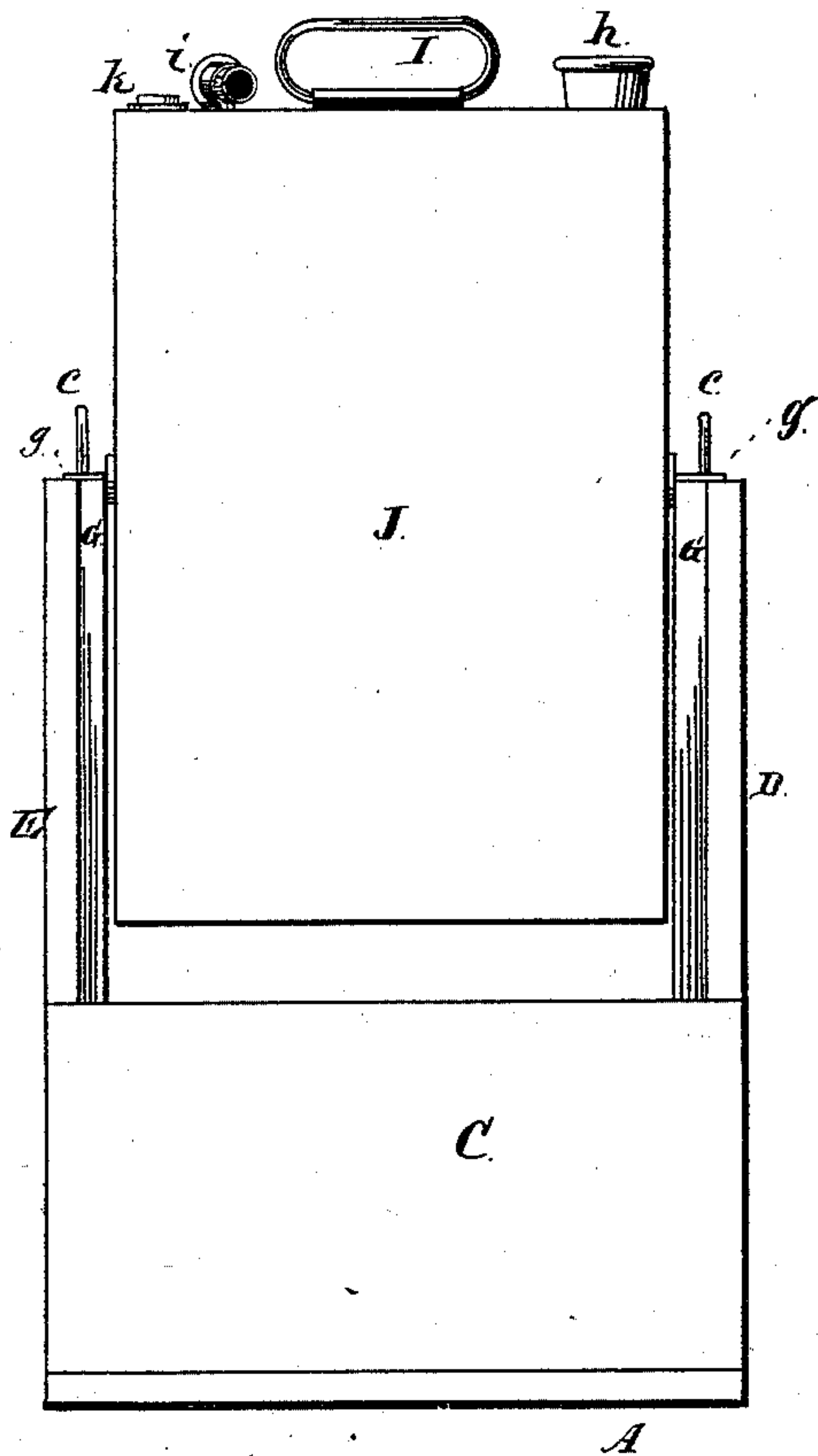


Fig. 6.

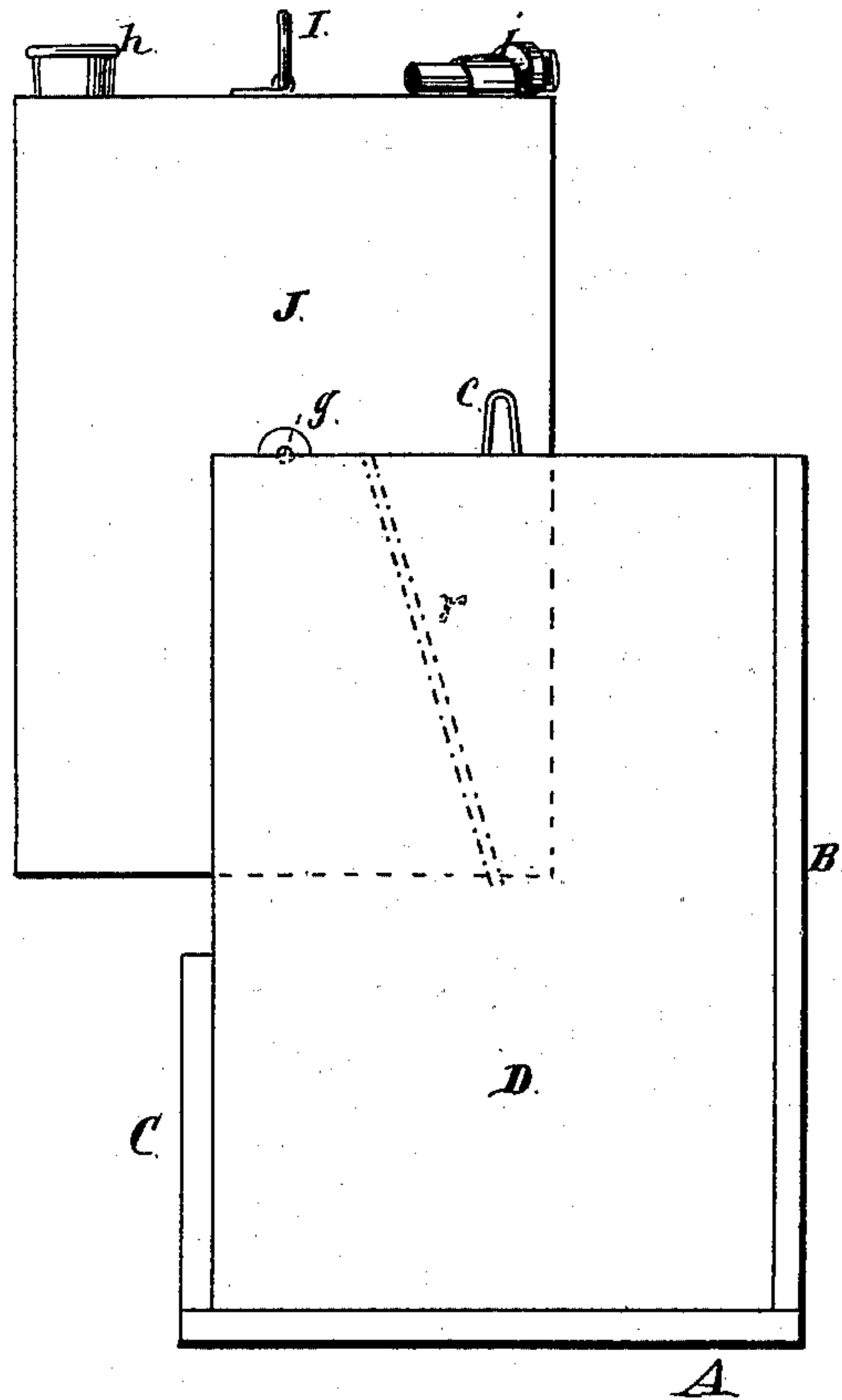


Fig. 8.

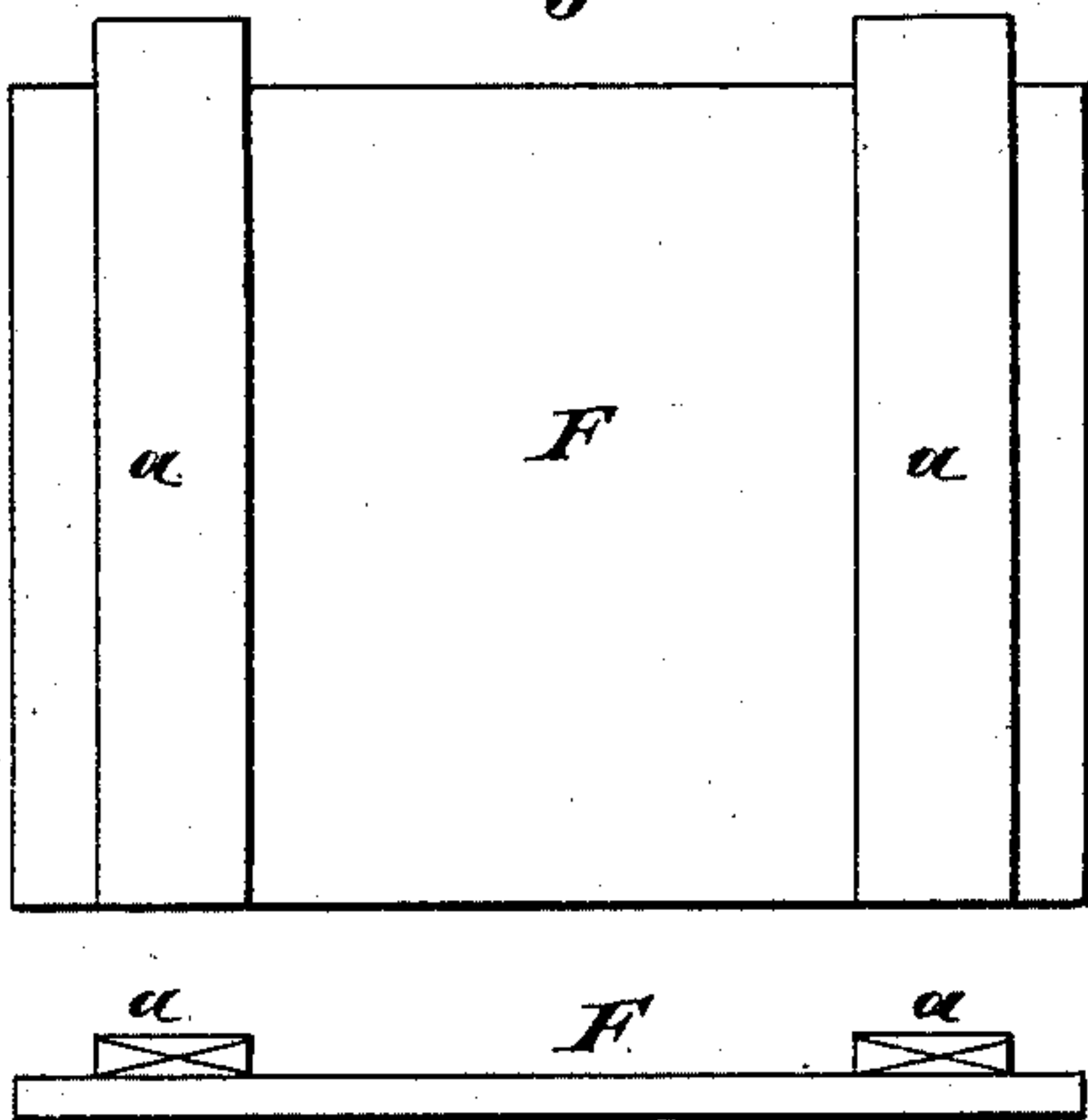


Fig. 7.

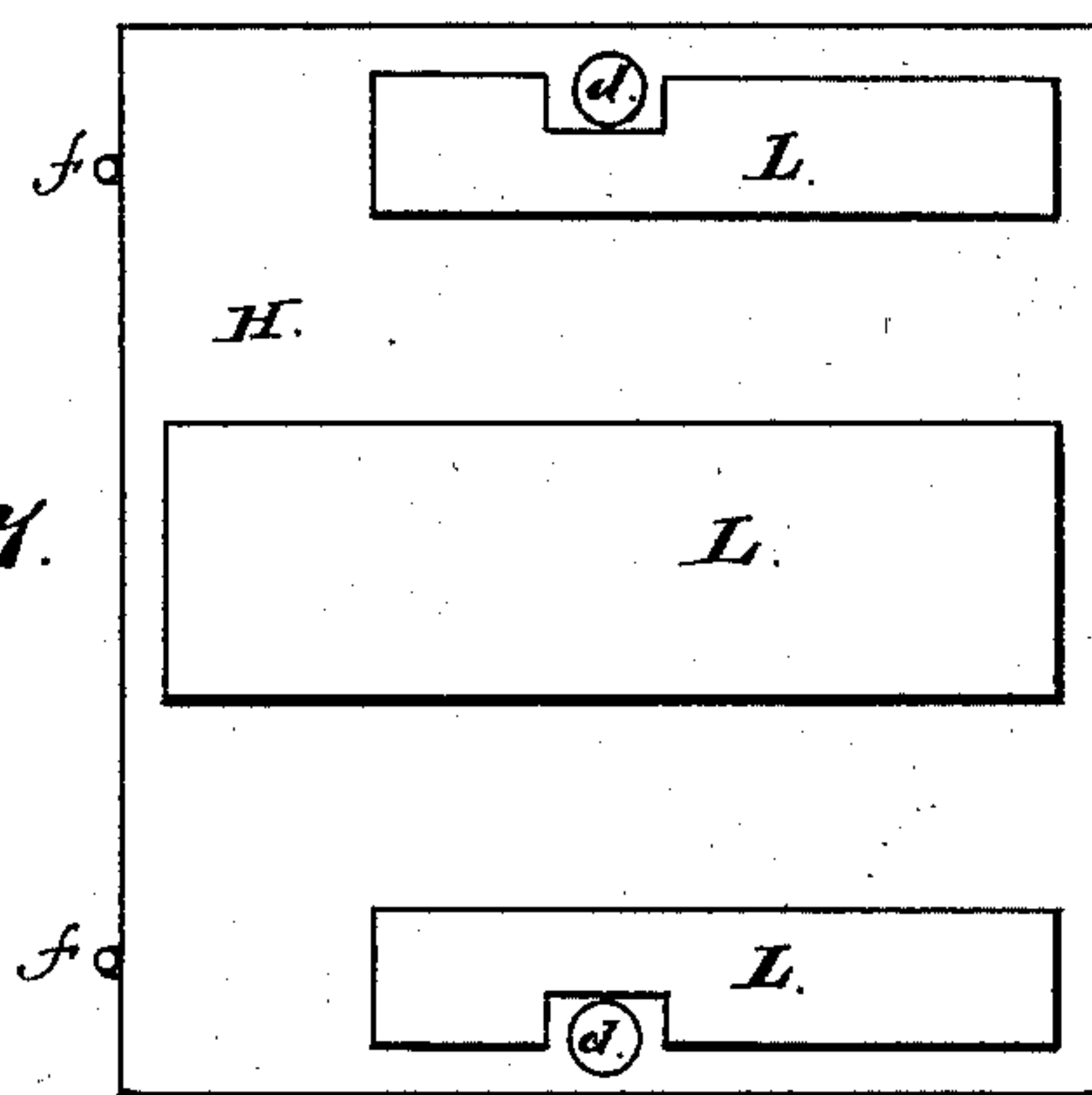


Fig. 9.

Witnesses:
E. A. West.
J. F. Burns.

Inventor:

F. C. Wilson

UNITED STATES PATENT OFFICE.

F. CORTEZ WILSON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CASINGS FOR CANS.

Specification forming part of Letters Patent No. **222,763**, dated December 16, 1879; application filed May 13, 1879.

To all whom it may concern:

Be it known that I, F. CORTEZ WILSON, of Chicago, Cook county, State of Illinois, have invented a new and useful Improvement in Casings for Cans, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a top view. Fig. 2 is a similar view with the top of the case removed and a can in the case. Fig. 3 is a front elevation. Fig. 4 is a vertical section, taken at the line *x* of Fig. 3, the can being removed. Fig. 5 is a front elevation, showing a portion of the case removed and a can in position for use. Fig. 6 is a side elevation, showing the same parts and in the same position as in Fig. 5. Fig. 7 is an under-side view of the cover. Fig. 8 is an inside view of the upper part of the front of the case. Fig. 9 shows the top or upper edge of the same part.

It is now common to ship various fluids in sheet-metal cans, which must be protected by a case or box; and it is also customary to retail the contents of such cans directly from the can. For retailing purposes it is desirable that the can be so suspended that it can be swung forward and back upon pivotal points.

The object of my invention is to construct a box or case which will be well adapted to receive and hold a can for shipping, and which the retailer can also readily use for the purpose of supporting the can so that it can swing, which I accomplish as hereinafter fully described.

In the drawings, A represents the bottom, B the back, C the lower part of the front, and D E the other two sides of a box or case, which is rectangular and made of wood, the parts already mentioned being put together as usual.

F is the remaining portion of the front, on the inside of which are two cleats, *a a*, which project beyond the lower edge of F and help to hold it in place during transportation, the projecting ends of the cleats being then on the inside of C, as shown in Fig. 4.

G are strips, one upon the inside of each of the sides D E of the case. As shown, they are placed diagonally. They are in thickness equal to the length of the projecting trunnions upon the can, and prevent injury to the trunnions and the sides of the can, to which the

trunnions are secured. These strips also support the can, as shown in Figs. 5 and 6, and are provided with grooves *b* in the top to receive the trunnions of the can.

c c are keepers for the bolts which hold the cover in place. They can be conveniently made of wire, and may be secured to the inside of the case by driving the bent ends into the wood, one being secured to D and one to E.

H is the top of the case or box. In it are two holes, *d*, through which the keepers *c* project. *e e* are two bolts upon the top of the cover. If desired, a larger number of bolts and keepers may be used.

f f are two hooks upon the front edge of the cover H, so arranged that they project down over the upper edge of the removable part F of the front of the case. I is a handle upon the top of the cover H. The hooks *f* are intended to be stationary.

J is a rectangular can, which is provided with trunnions *g g*. The can may be filled at *h*, and the contents can be poured out at the same place, or through a small spout, *i*, which is adapted to be inserted in a hole, *k*, which also serves the purpose of a vent when the contents are poured out at *h*.

K is a handle on the can. L are cleats on the inside of the cover H.

In use, the can to be shipped is to be placed within the fixed part of the case. Then the removable portion F of the front of the case is placed in position, and the cover H applied, as shown in Figs. 1, 3, and 4, the can, however, being removed in Fig. 4. The cleats *a a* and the hooks *f f* will hold the part F in place, and the cover will be securely held by the bolts *e e*. The cleats *a a* are so located that they also serve the purpose of supporting the sides of the case.

For convenience in retailing, the can may be supported on the tops of the pieces G, the cover and the part F of the front having been first removed, as shown in Figs. 5 and 6, the trunnions *g* being placed in the grooves *b*. When so suspended the can may be easily turned or swung on the trunnions. The lower or fixed part, C, of the front must be of such width that it will not interfere with the swinging of the can.

I do not limit myself to the bolts *c c* for securing the cover, as hooks or some other equivalent device may be used with the keepers or loops *c c*.

The trunnions on the can might be protected during transportation by means of diagonal grooves cut in and through the sides of the case, as indicated by lines *r* in Fig. 6, in which case the can in use could be supported upon the sides, instead of on strips *G*. I do not recommend this form, because the grooves would weaken the case, and it would be necessary to use thicker material for the sides. If the grooves are used they can be cut with a saw. The side piece, *F*, could be hinged at its lower edge to the case; but this would add to the expense without corresponding benefit.

The grooves *r*, if used, can be cut on the inside of the sides *D E*, and not entirely through the same.

What I claim as new, and desire to secure by Letters Patent, is as follows:

1. A case or box for shipping cans provided with a movable side piece, *F*, cover *H*, provided with hooks *f*, and the diagonal ways for

the trunnions, to protect the trunnions of the can, substantially as specified.

2. In a packing case or box, the combination of a removable cover, *H*, provided with hooks *f* and holes *d*, with keepers *c* secured to the inside of the body of the case and projecting through the cover to receive suitable fastenings, and with a movable side piece, *F*, substantially as and for the purposes specified.

3. A case or box for shipping cans provided with a movable side piece, *F*, cover *H*, provided with hooks *f* and holes *d*, in combination with the keepers *c*, suitable fastenings therefor, and diagonal strips *G*, substantially as specified.

4. The diagonal strips *G*, in combination with the body of the case and with a movable side piece, *F*, for the purpose of protecting the trunnions during transportation and supporting the can in use, and to permit the tipping of the can, substantially as specified.

F. CORTEZ WILSON.

Witnesses:

E. A. WEST,
O. W. BOND.