

J. A. MOORE.
Hinge for Cabinet-Desks, &c.

No. 203,286.

Patented May 7, 1878.

Fig. 1.

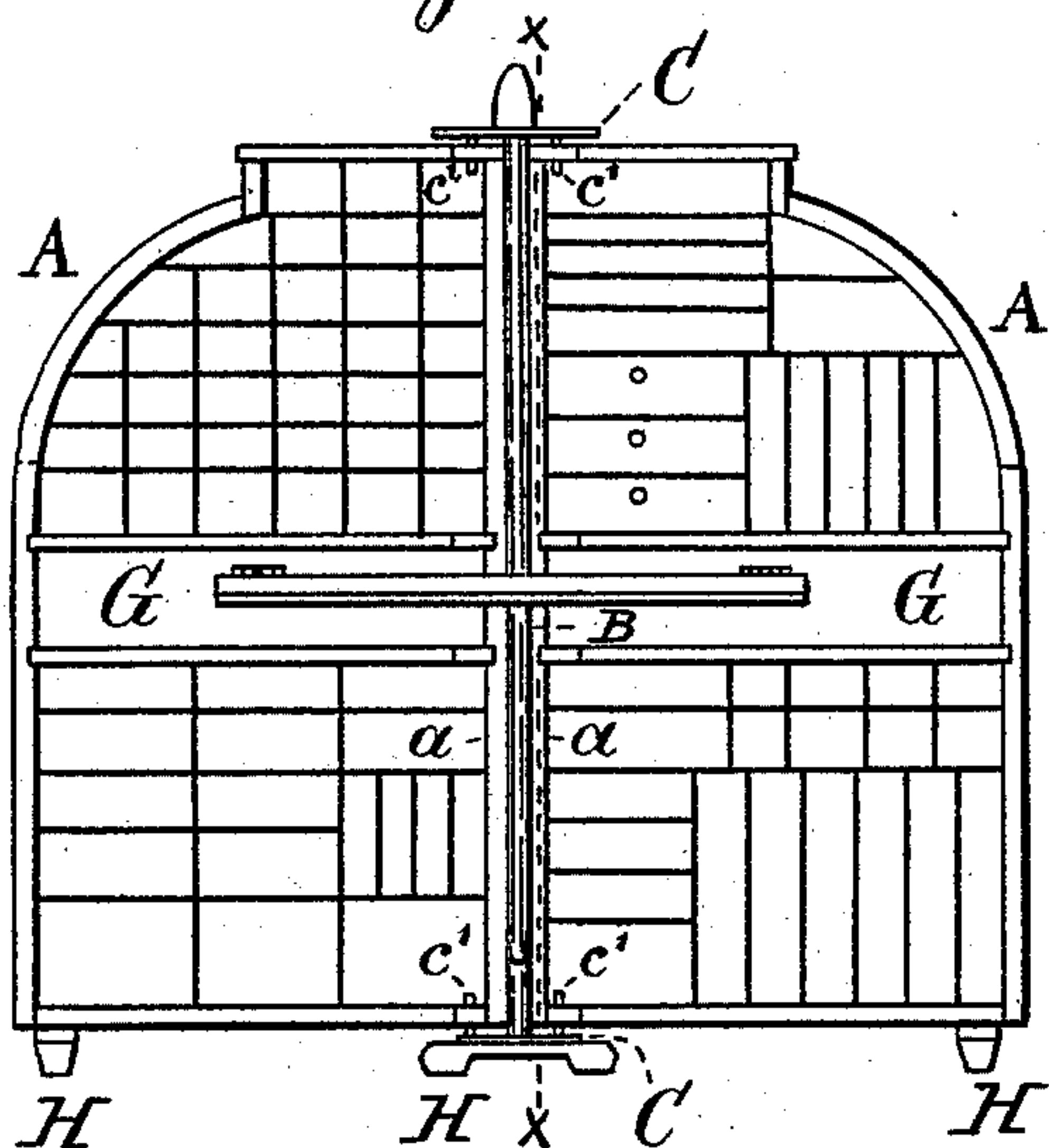


Fig. 2.

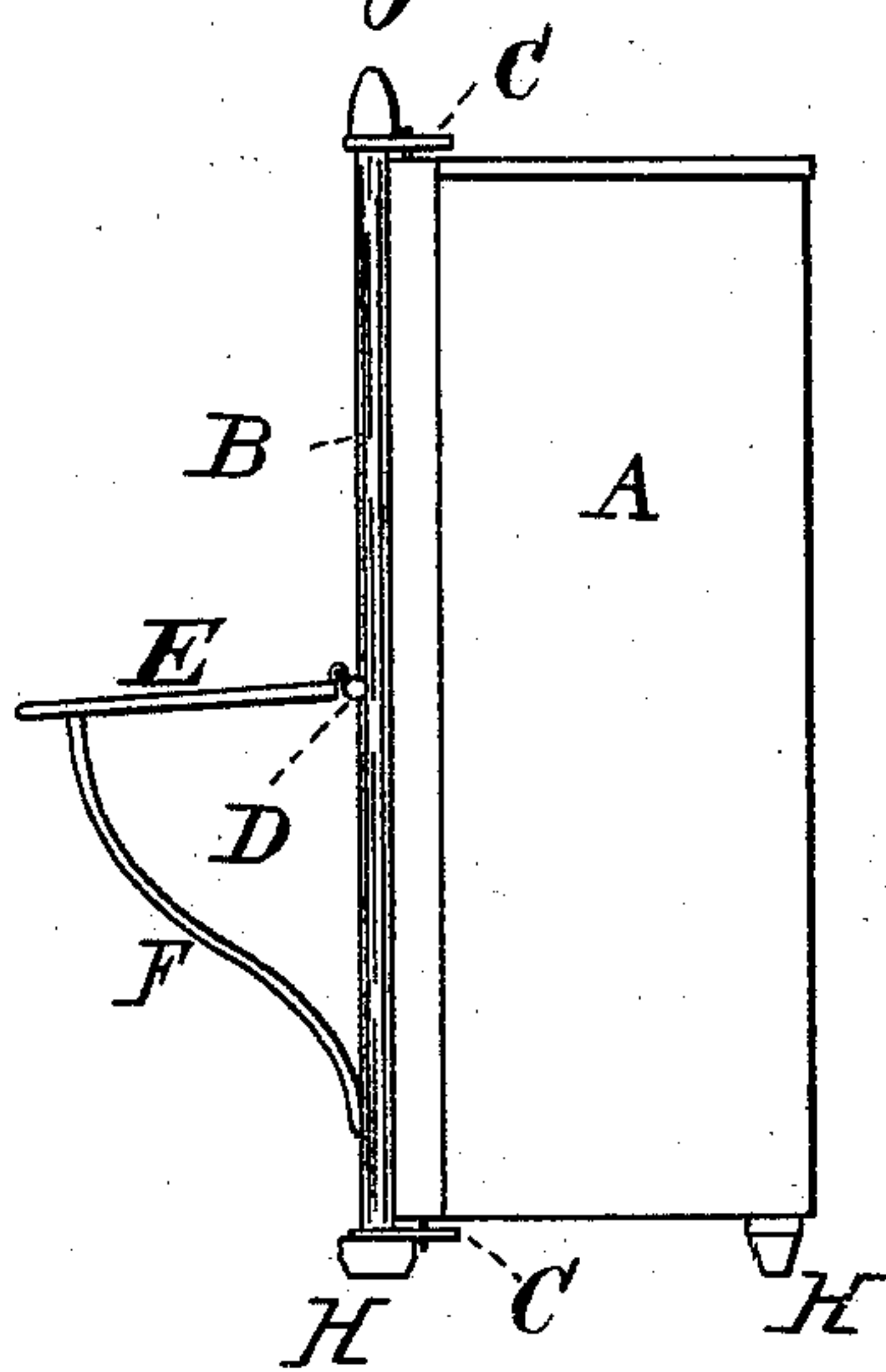


Fig. 3.

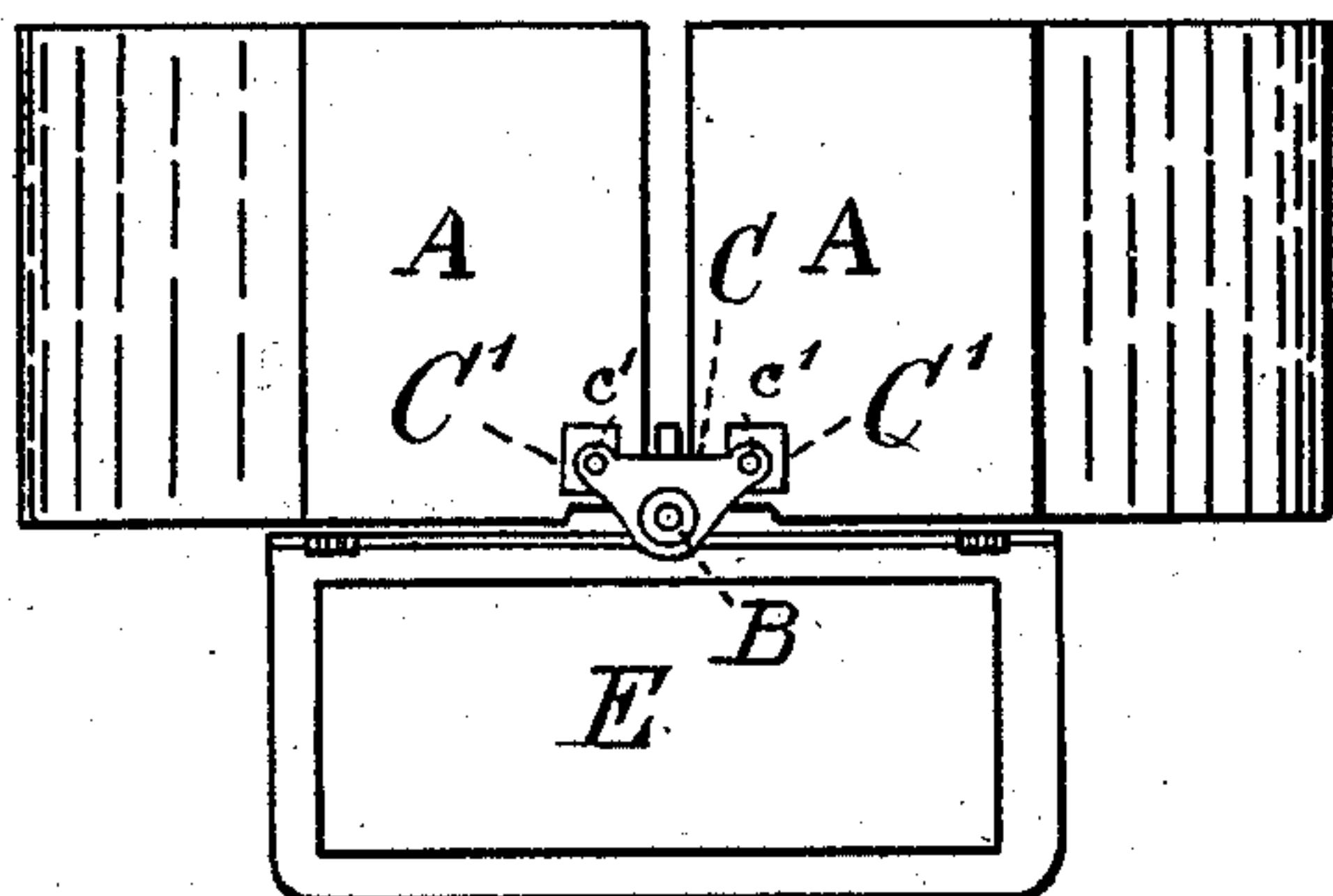
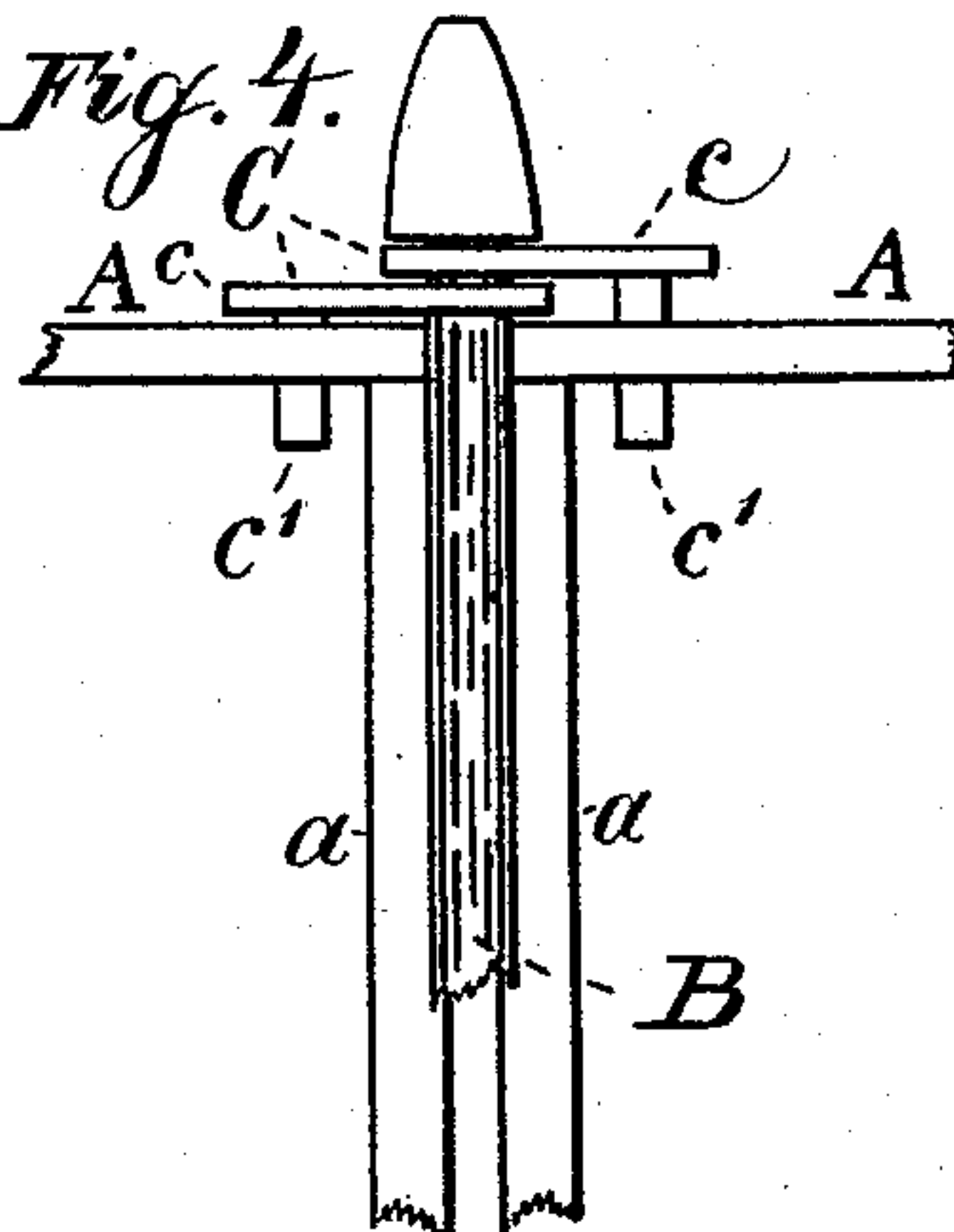


Fig. 4.



WITNESSES.

James B. Lixius
R. P. Daggett

INVENTOR.

Joseph A. Moore,

PER

C. Bradford,
ATTORNEY.

UNITED STATES PATENT OFFICE.

JOSEPH A. MOORE, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN HINGES FOR CABINET-DESKS, &c.

Specification forming part of Letters Patent No. **203,286**, dated May 7, 1878; application filed January 28, 1878.

To all whom it may concern:

Be it known that I, JOSEPH A. MOORE, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Hinges for Cabinet-Desks, of which the following is a specification:

Reference is had to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts.

Figure 1 is a front view of the improved desk, showing the manner of hanging the wings with the new hinges. Fig. 2 is a sectional view of the desk, looking to the left from the dotted line *x x*. Fig. 3 is a top or plan view, showing the shape of the hinges and their location. Fig. 4 is a detail drawing.

In these drawings, those portions marked A A are the wings. B is an upright shaft, to which the wings are hinged. C C are the parts of the hinges that are attached to the shaft. These parts may be divided in two pieces, *c c*, each piece being attached to the shaft and one wing, as shown in Fig. 4, instead of being whole and attached to both wings, as shown in the other figures. C' C' are the parts of the hinges that are attached to the wings. *c' c'* are pins connecting the two portions of the hinges. D is a cross-bar on the shaft B, to which the writing-table is attached. F is a brace, attached at its lower end to the shaft B, and which operates to support the outer edge of the table E. G G are compartments in the wings for the reception of the table when the wings are shut. H H are feet to the wings and the upright shaft.

The subject of my present invention consists of certain improvements on that for which Letters Patent of the United States No. 199,089 were granted to me, bearing date the 8th day of January, A. D. 1878, whereby the invention mentioned in said Letters Patent may be rendered more practical and convenient.

The principal one of my said present im-

provements consists of a new form for the hinges by which the wings of the desk are attached to the upright shaft. The object of the said new hinge is to enable the wings to swing and remain in close proximity to the writing-table when the desk is open, and, incidentally, to bring the upright shaft within the wings when the desk is shut. This is accomplished by placing upon the shaft the two pieces C C, which project from the shaft in the proper direction, and to a sufficient distance to just bring the edges *a a* of the wings close to the table, and also so as not to strike the shaft, the table, or each other in opening and closing. These requirements the form shown fully meets.

Among the advantages of this arrangement are, that the table being close to the wings, greater economy in space is given, and the user does not have to lean so far forward to reach the various compartments. There being no open space between the wings and the table, papers, &c., are not liable to fall there; and the wings themselves, by simply removing the top hinge-piece C, may be easily taken apart, and thus rendered convenient for shipping and moving.

I do not intend to confine myself in the use of this hinge to this desk, as it can obviously be put to other similar uses.

By reason of the new movement of the wings upon this hinge, I am also enabled to form the bar and brace to which the table is attached in a new and better manner, and to fasten them more securely. The bar D is now secured directly and firmly to the shaft B, instead of being placed on the end of a projecting piece, as heretofore. This gives a greater stability and steadiness to the table. I also dispense with the large foot to the desk, and, instead of putting a standard from one of its ends to the under side of the table, I now substitute a brace, having its lower end firmly attached to the upright shaft.

These improvements simplify and render more convenient my said invention, the objects and advantages of which are more fully set forth in the aforesaid Letters Patent.

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

In combination with the folding wings A A, the upright B, and metallic plates or arms C C, attached to each end of said uprights, each of which may be made in either one or two parts, and is connected to bearings on said wings by the pins *c' c'*.

In witness whereof I have hereunto set my hand and seal at Indianapolis, Indiana, this 22d day of January, A. D. 1878.

JOSEPH A. MOORE. [L. S.]

In presence of—

P. J. CARLETON,

HERMAN F. SPRANDEL.