

No. 661,234.

Patented Nov. 6, 1900.

E. BAMBERGER.

DEVICE FOR HANGING SHELVES, DRAWERS, &c.

(Application filed Dec. 30, 1899.)

(No Model.)

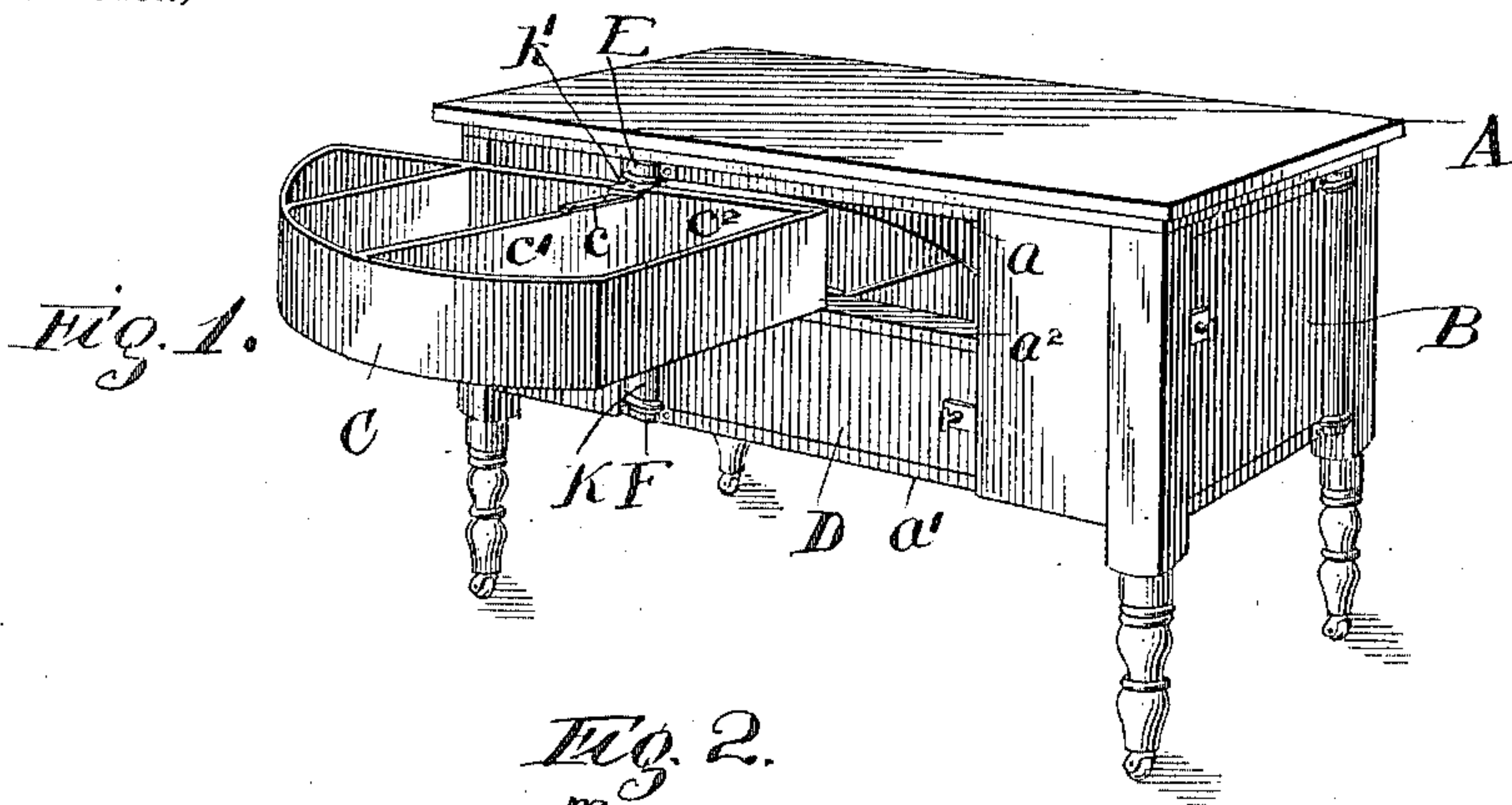


Fig. 2.



Fig. 3.

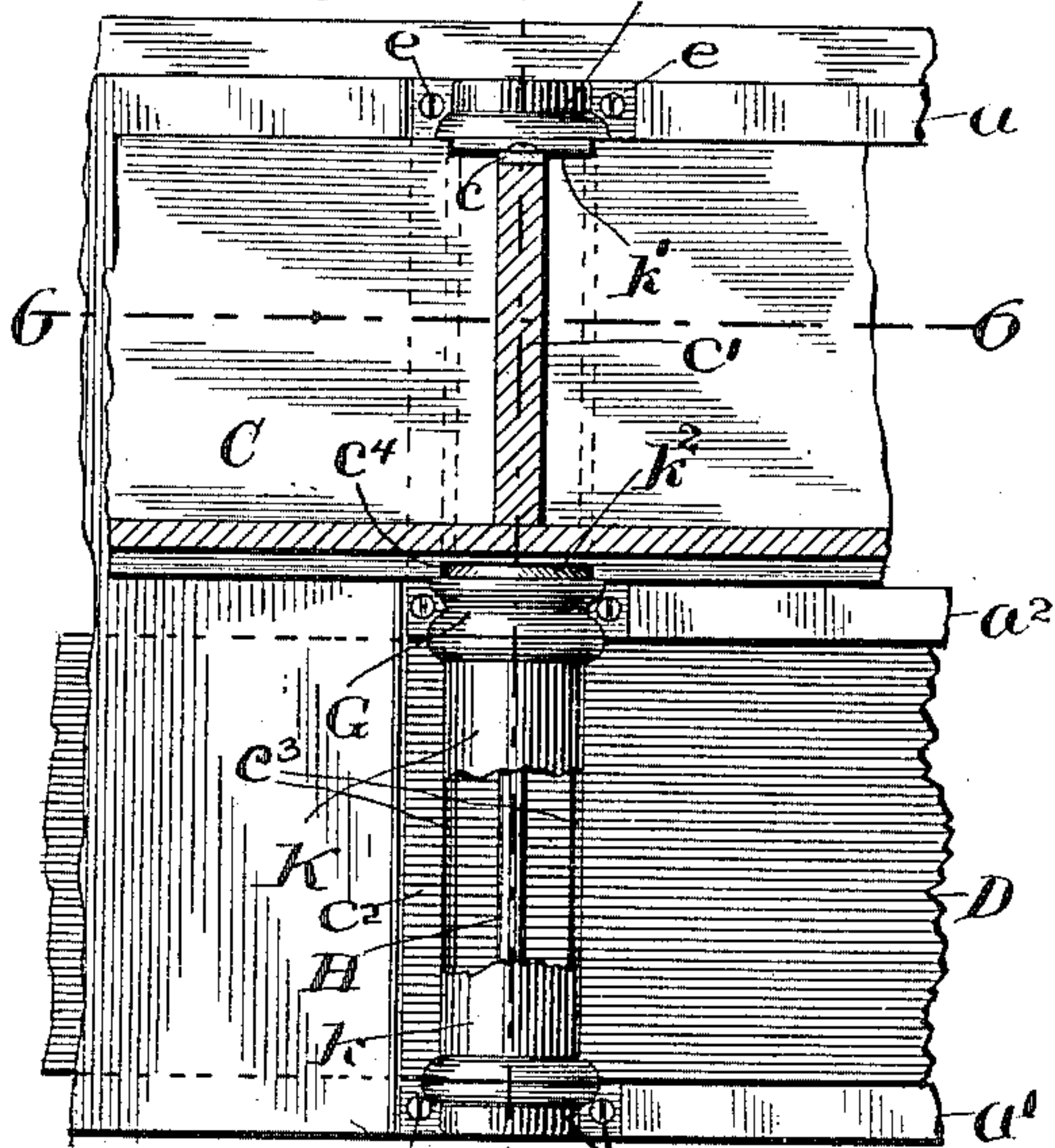
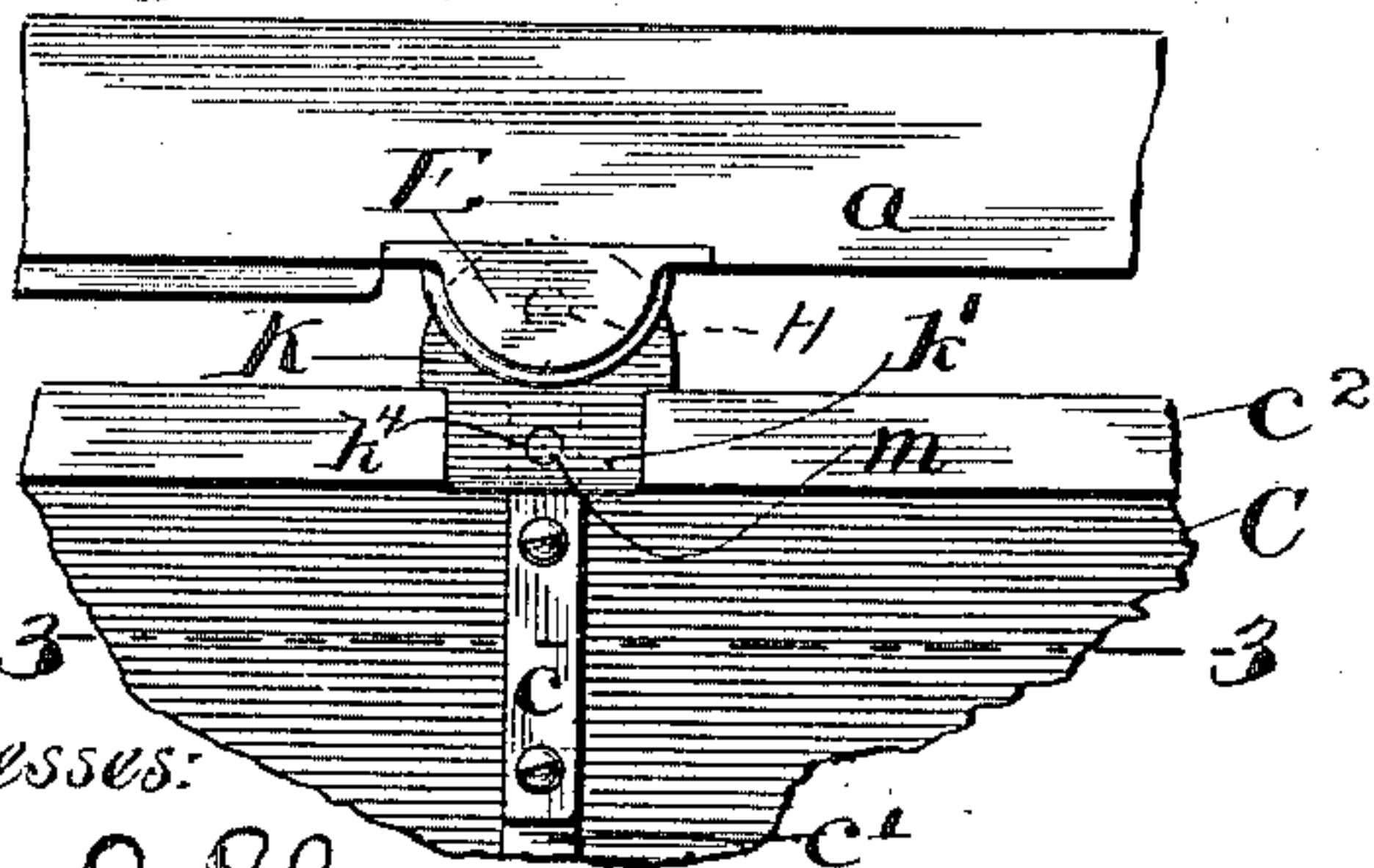


Fig. 5.



Witnesses:

Chas. O. Shewey,
S. Bliss.

Fig. 4.

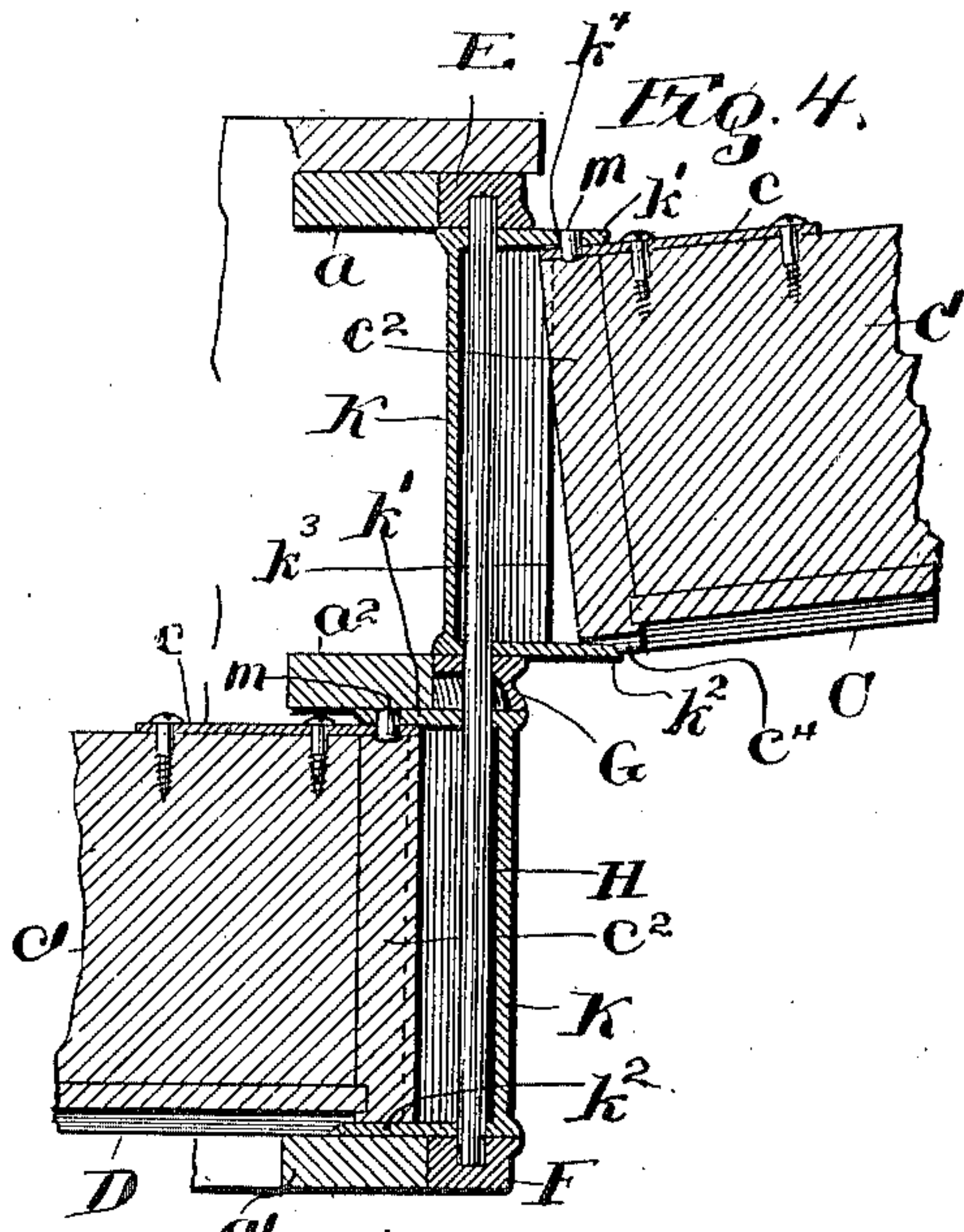
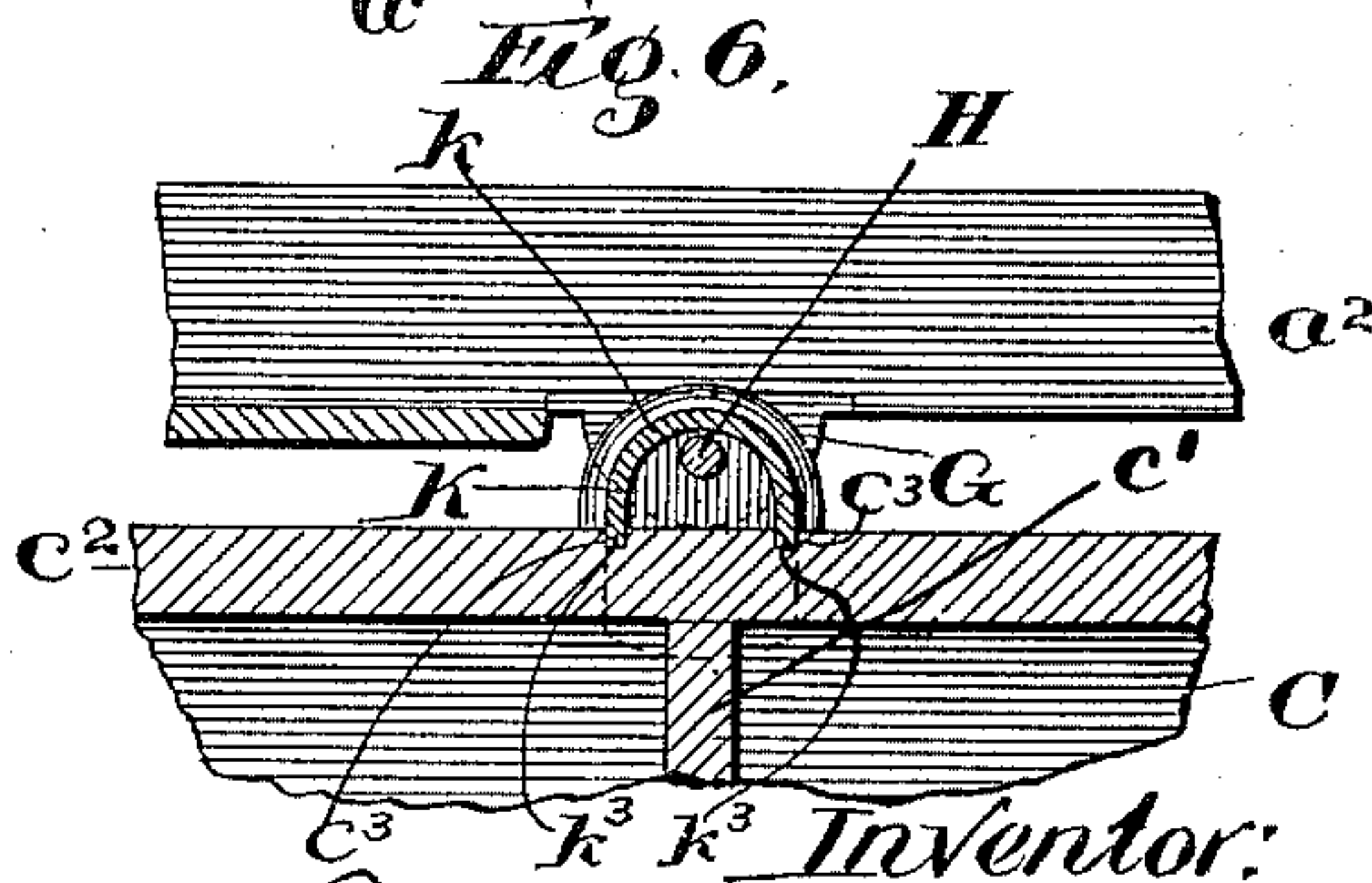


Fig. 6.



Inventor:

Elias Bamberger
by Miles M. & S. S. S. S.

Attys.

UNITED STATES PATENT OFFICE.

ELIAS BAMBERGER, OF FREEPORT, ILLINOIS.

DEVICE FOR HANGING SHELVES, DRAWERS, &c.

SPECIFICATION forming part of Letters Patent No. 661,234, dated November 6, 1900.

Application filed December 30, 1899. Serial No. 742,072. (No model.)

To all whom it may concern:

Be it known that I, ELIAS BAMBERGER, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Devices for Hanging Shelves, Drawers, or the Like, of which the following is a specification.

My invention relates to improvements in certain devices for hanging drawers, shelves, or the like in tables, cabinets, sideboards, and other places, so that the shelves may swing upon a vertical axis, swinging outward to enable the contents to be reached and backward into position where said contents will be protected and also concealed.

The object of the invention is to provide a device which will be at once strong, durable, and ornamental and also enable the drawers to be readily detached for cleaning or other purposes.

To such end the invention consists in certain novel characteristics having to do especially with the supporting device for the drawers, said characteristics being embodied in the preferred construction disclosed in this application and being pointed out definitely in the claims.

In the drawings, Figure 1 is a perspective view of a table, showing the preferred form of my invention applied thereto. Fig. 2 is a rear view of one of the drawers. Fig. 3 is a vertical section in a plane shown by the line 3 3 of Fig. 5, cutting the upper drawer in its open position and passing in front of the lower drawer, a portion of the ornamental front of the hanging device being broken away in the case of the lower drawer to show the pivot-rod. Fig. 4 is a vertical section in line 4 4 of Fig. 3, showing one of the drawers partially removed from its hanger. Fig. 5 is a detail plan view of a portion of the top of the table with part of an open drawer adjacent to the hanger, and Fig. 6 is a horizontal section in line 6 6 of Fig. 3.

It is customary in devices of this sort to so shape the drawers as to swing clear of the various parts of the supporting table or structure, and the drawers shown in the drawings are formed with reference to this object.

A table is shown at A, provided with three swinging drawers B C D. As far as the hang-

ers are concerned, these drawers are just alike, so that the description of one will be sufficient for all. Looking at Fig. 3, the devices by means of which the drawers are supported upon the table will be seen to consist of sockets E F, fastened by means of screws *e f* to the horizontal strips *a a'* of the table, and a central eye G, secured to an intermediate strip *a*². A pivot-rod H extends through the eye and into the sockets, and upon this rod are strung the hangers K, the preferred form of which is shown by Figs. 3, 4, and 6, the same preferably consisting of an ornamental convex front *k* and concave hollow back, terminating in the top and bottom plates or tongues *k'* *k*² and edges *k*³ *k*³. The top plate *k'* is preferably perforated at *k*⁴ to receive a pin *m*, secured upon the upper rear portion of the drawer C and preferably reinforced by means of a piece of strap metal *c*, secured to a transverse partition *c'*, the rear end of which is located substantially in the plane of the rod H, so as to brace the drawer and sustain the front edge of the same.

The rear wall *c*² of the drawer is shown as grooved at *c*³ to receive the edges *k*³ of the hanger K. Also the bottom of said rear wall is preferably notched at *c*⁴ to receive the projecting end of the bottom plate *k*². The grooves *c*³ and the notch *c*⁴ prevent the drawer from oscillation, except away from the hanger, and the gravity of the drawer itself and its contents resist movement in this direction and force the edges and bottom plate of the hanger securely into the grooves and the notch prepared to receive them.

Fig. 4 shows clearly how the drawer may be lifted from the hanger and replaced thereon.

I recognize the possibility of great variation in form and construction without departure from the invention and do not limit myself, therefore, to the specific devices herein illustrated.

I claim as new and desire to secure by Letters Patent—

1. In a device of the class described, the combination with a vertically-pivoted rearwardly-concave hanger having rearwardly-projecting edges, of a drawer supported upon and removable from said hanger, provided with grooves to receive said edges; substantially as described.

2. In a device of the class described, the combination with a suitable support and a horizontally-swinging drawer carried thereby, of a vertically-pivoted hanger provided
5 with horizontal tongues projecting from the top and bottom thereof and substantially rigid with respect to each other, a device upon the top of the rear edge of the drawer adapted to engage the upper tongue from be-
10 neath and prevent horizontal movement of that portion of the drawer and means upon the bottom of said edge of the drawer adapt-

ed to slide upon the lower tongue and support the drawer thereon; substantially as described.

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In witness whereof I have hereunto set my hand, at Freeport, in the county of Stephenson and State of Illinois, this 23d day of December, A. D. 1899.

ELIAS BAMBERGER.

Witnesses:

J. A. CRAIN,
S. A. BUCKMAN.