

(No Model.)

T. MARTIN.

TABLE.

No. 393,841.

Patented Dec. 4, 1888.

Fig. 1.

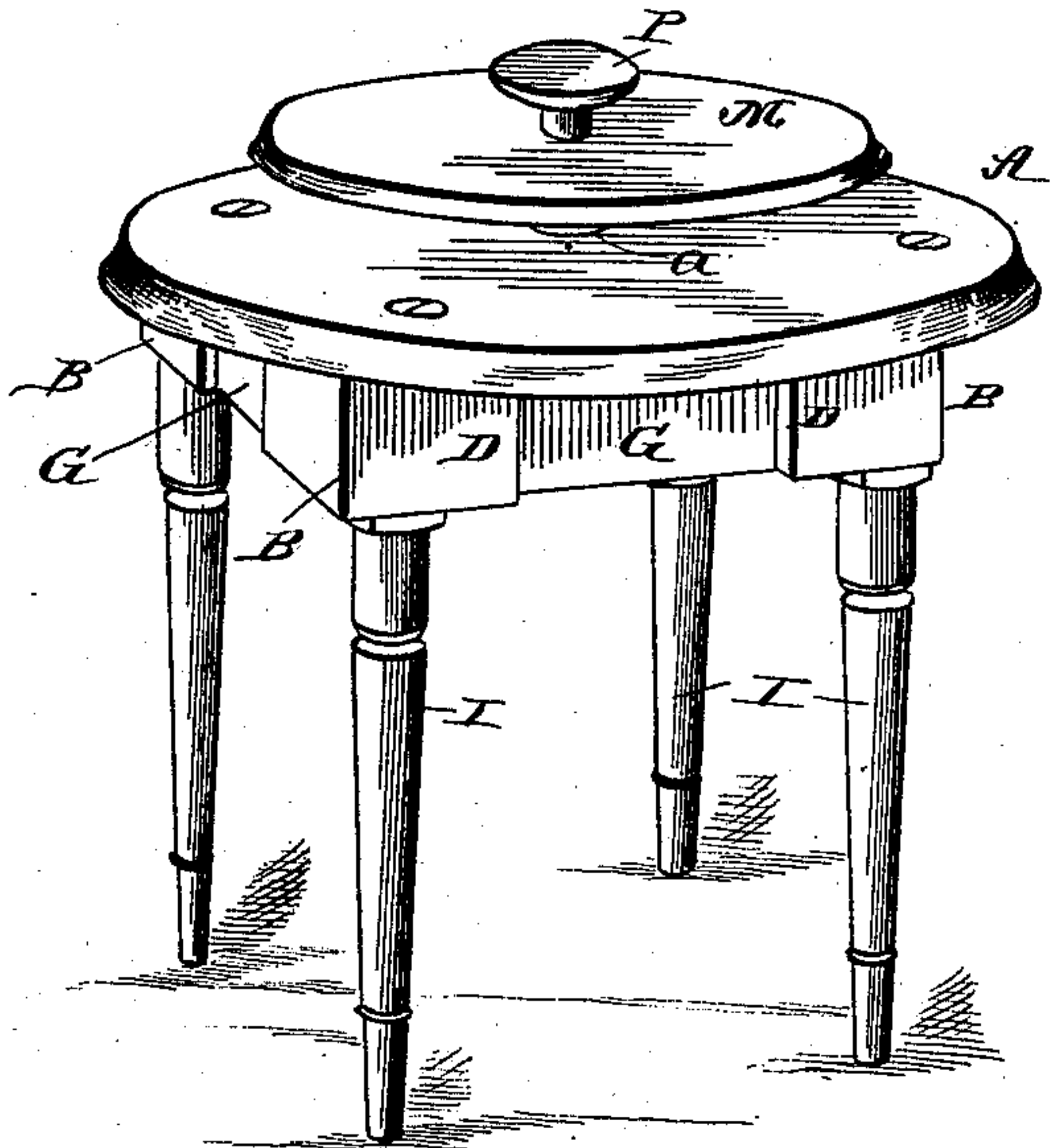


Fig. 3.

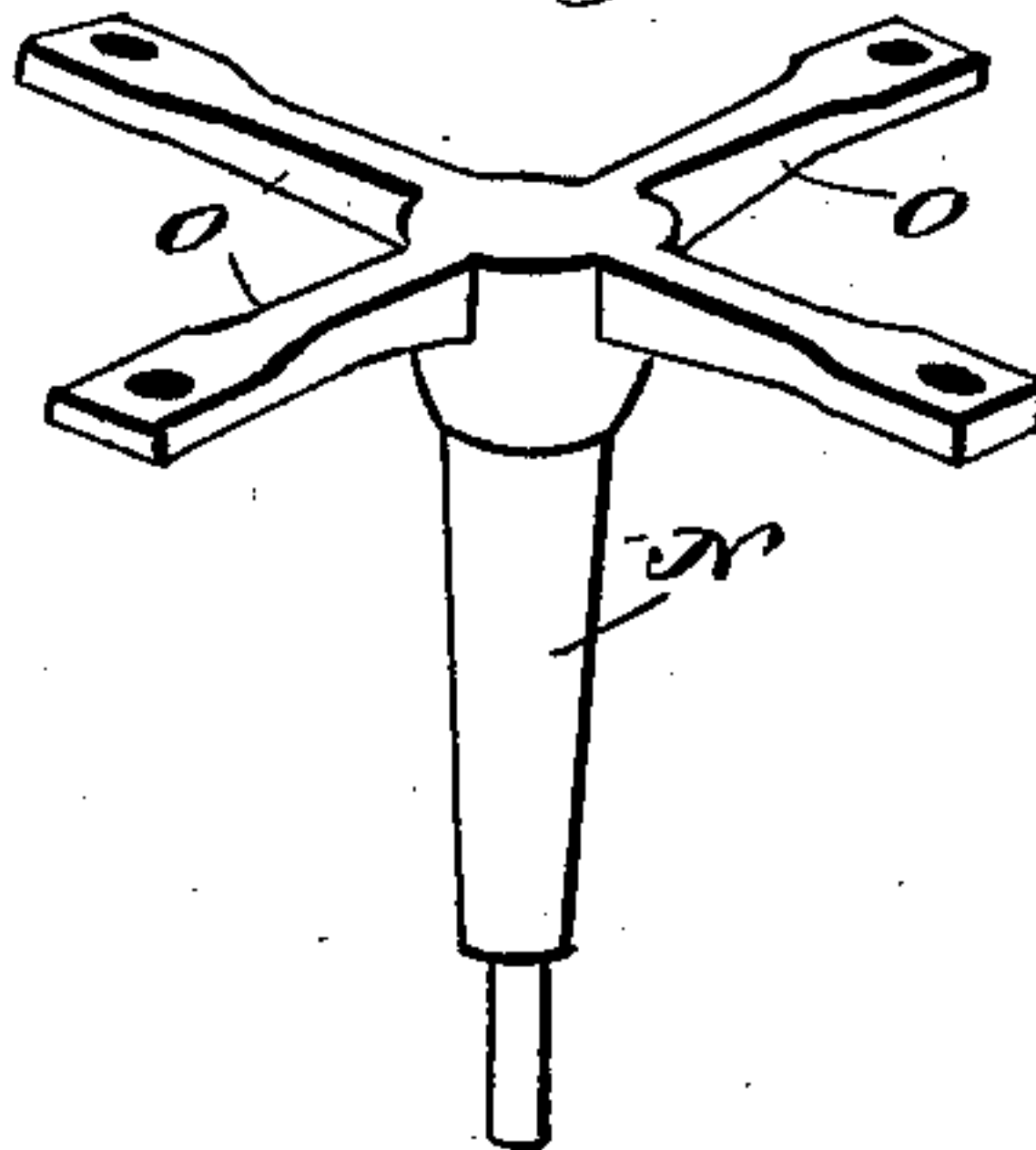


Fig. 2.

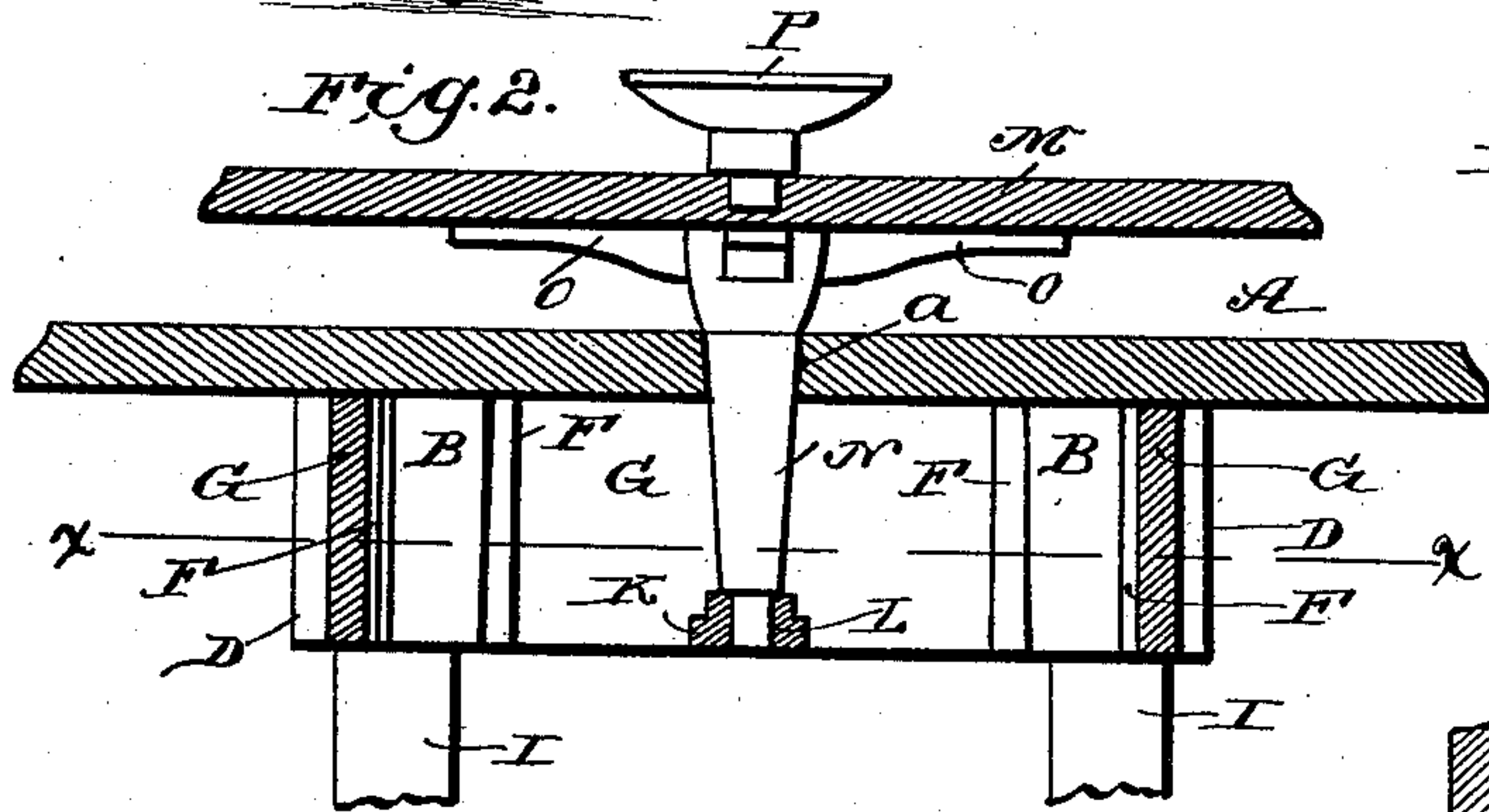


Fig. 5.

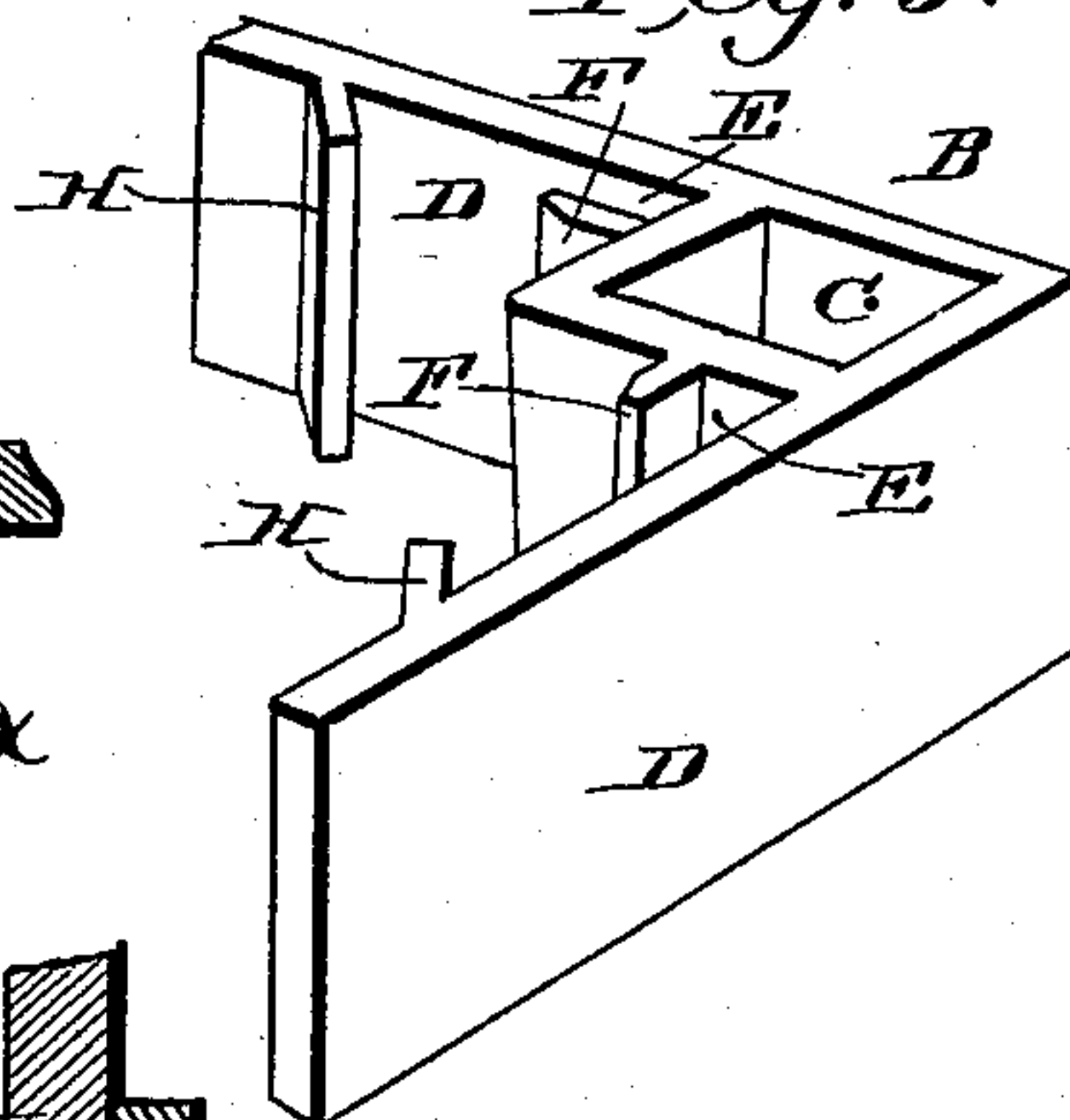


Fig. 6.

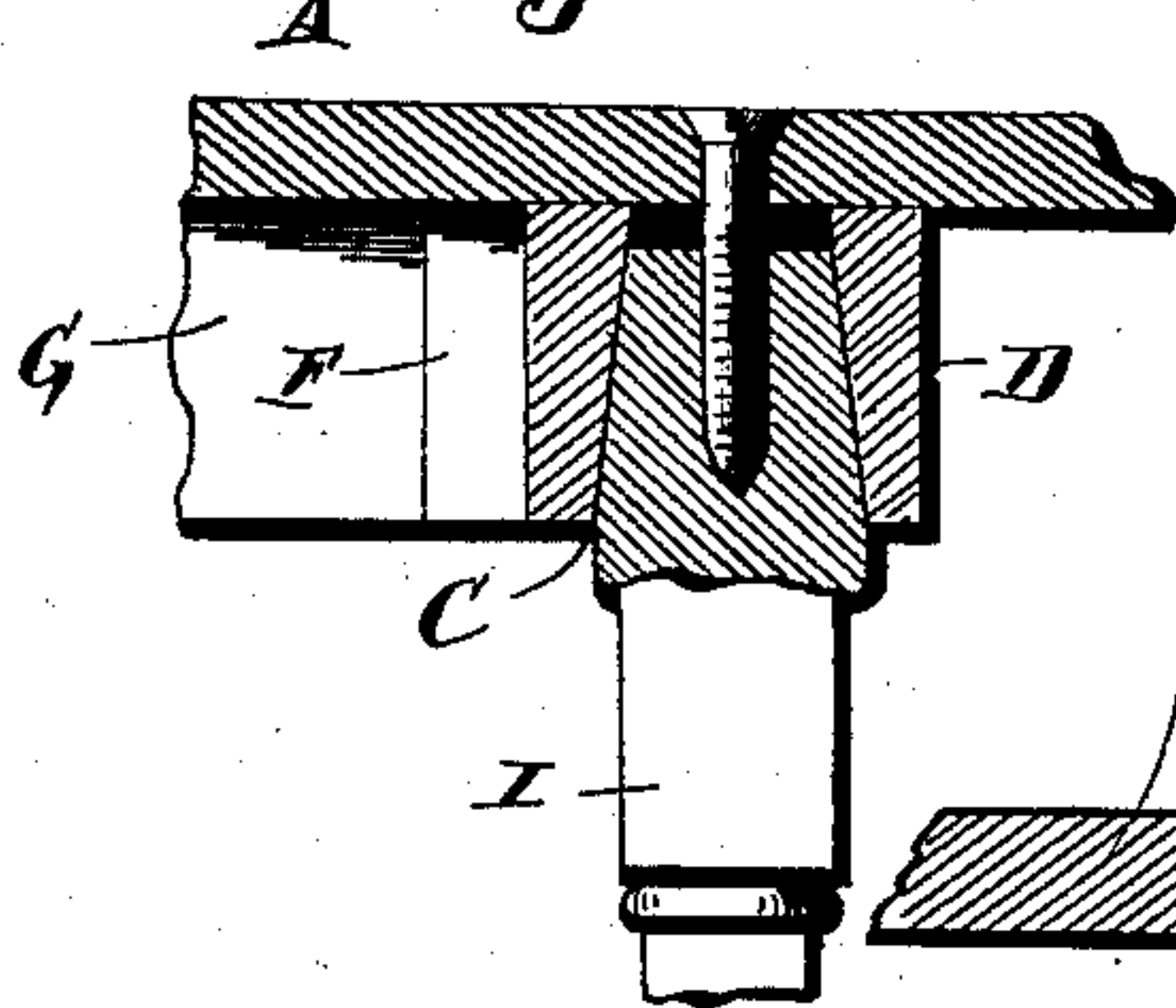
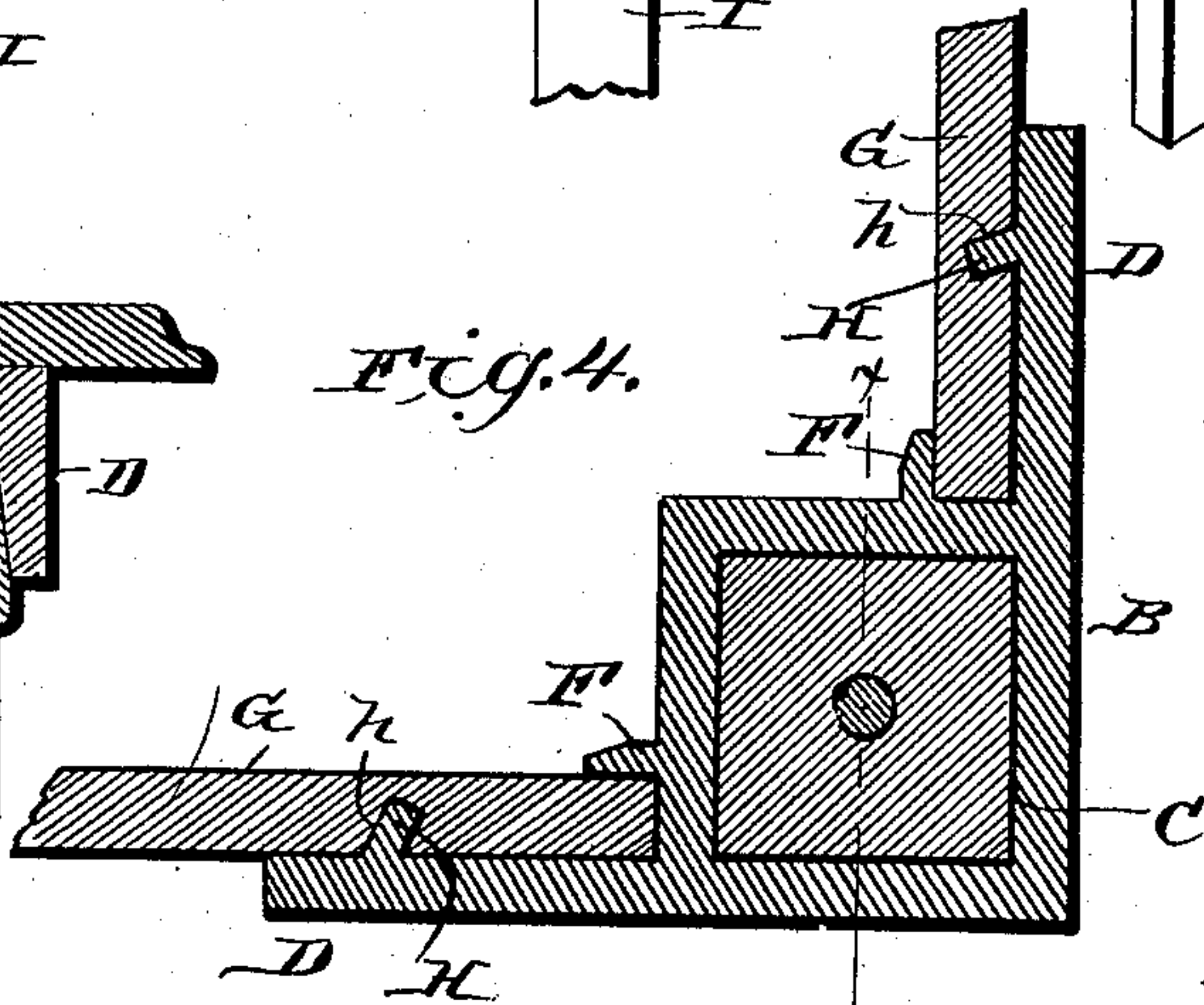


Fig. 4.



WITNESSES

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TABLE.

SPECIFICATION forming part of Letters Patent No. 393,841, dated December 4, 1888.

Application filed March 26, 1888. Serial No. 268,465. (No model.)

To all whom it may concern:

Be it known that I, TAYLOR MARTIN, a citizen of the United States, residing at Sturm's Mills, in the county of Marion and State of West Virginia, have invented new and useful Improvements in Tables, of which the following is a specification.

My invention relates to improvements in tables; and it has for its object, first, to provide a dining-table in which the victuals are carried by a movable platform, whereby each person at the table may reach any dish thereon, thus obviating the necessity of passing the dishes from hand to hand; further, to provide improved sockets for the upper ends of the legs of the table, whereby the latter are prevented from becoming loose, it being evident that the movable platform when operated will subject the legs of the table to great lateral strain.

With these objects in view the invention consists in a certain novel construction and arrangement of devices, fully set forth hereinafter in connection with the accompanying drawings, wherein—

Figure 1 is a perspective view of a table embodying my improvements. Fig. 2 is a vertical central sectional view of the same. Fig. 3 is a detail view of the spindle and spider which support the revolving top. Fig. 4 is a horizontal sectional view on the line *xx* of Fig. 2. Fig. 5 is a detail perspective view of one of the leg-sockets. Fig. 6 is a vertical sectional view through the socket on the line *xx* of Fig. 4.

Referring by letter to the drawings, A designates the stationary table-top, which may be of any ordinary shape, but is preferably circular, as shown in the drawings, and it is provided at its center with a bearing, *a*, and B B designate castings which are attached to the under side of the said table-top. These castings comprise tapered sockets C and the lateral wings or flanges D D, which extend from the outer sides of the sockets at right angles to each other. Vertical grooves E E are formed in the sides of the sockets adjacent to the sides of the wings or flanges by the vertical webs F F, which extend from the lower to the upper ends of the sockets.

G G represent side strips which are ar-

ranged at their ends against the inner sides of the wings or flanges and are inserted in the vertical grooves E E, above mentioned. Ribs H H, which are formed on the inner sides of the wings or flanges, engage in vertical grooves *h* in the outer sides of the strips G and prevent the latter from being drawn out of the grooves in the sides of the sockets. These ribs are preferably inclined slightly toward the sockets at their inner edges, thus offering greater resistance to a longitudinal strain on the side strips. It will be seen that all the sockets are thus firmly secured together, and to secure them to the table-top I prefer to pass screws through the said top and into the upper ends of the legs I, which are mounted in the sockets. The upper ends of the legs are tapered to fit the tapered sockets, and it will be apparent that by tightening the screws the legs will be drawn upward into the sockets and the latter will thus be firmly clamped against the under side of the table. If, after some time, the legs should become loose by shrinkage of the wood or any other cause, they may be tightened again by tightening the screws. It will be seen that all lateral strain inward will be resisted by the wings or flanges on the sockets and also by the side strips which are attached rigidly to the sockets, and all strain outward will be resisted by the said side strips, which will draw on the vertical ribs on the wings or flanges above referred to.

A transverse bar, K, is secured at its ends to the center of two opposite side strips, G, and it is provided at its center with a socket, L, aligned with the bearing *a* in the center of the stationary table-top.

M represents a revolving table-top, which is smaller than the stationary top and is provided on its under side with the depending spindle N, which is mounted in the bearing *a* and the socket L. The said spindle is provided at its upper end with the spider comprising the radial arms O O, which are firmly secured to the under side of the top. The spider and the spindle are preferably cast integral, thus enabling the spindle to be attached by simply passing screws through the ends of the radial arms and engaging the top. A support or stand, P, is arranged at the center of

the revolving top, and it is designed to support a castor, lamp, or other center-piece appropriate to a dining-table.

The advantages of the improved table will be apparent. The individual plates are arranged around the edge of the stationary top (ample room being provided for this purpose) and the victuals are placed on the revolving top, so that any person wishing a certain dish may bring it within reach by rotating the top. The castor at the center of the revolving top is within reach of all.

Having thus described my invention, I claim—

1. In a table, the combination, with the top having the legs secured thereto, of the sockets embracing the upper ends of the legs and provided with wings or flanges D D, having the grooves E E, and the inclined ribs H, and the side strips, G G, inserted in the grooves and engaging said ribs, substantially as specified.

2. In a table, the castings B, comprising the sockets C, tapered toward their upper ends,

the lateral wings or flanges D D, arranged at an angle to each other, the vertical ribs F, arranged on the sides of the sockets adjacent to the said wings or flanges D and forming the grooves E E therewith, and the ribs H on the wings or flanges inclined at their inner edges toward the sockets, in combination with the table-top on the upper ends of the sockets, the side strips, G, arranged at their ends in the grooves E and provided with grooves h, engaging the ribs H, the legs provided with tapered upper ends arranged in the sockets, and the screws passing through the table-top and engaging the legs, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

TAYLOR MARTIN.

Witnesses:

DORSEY S. MARTIN,
WILL T. HESS.