

No. 777,492.

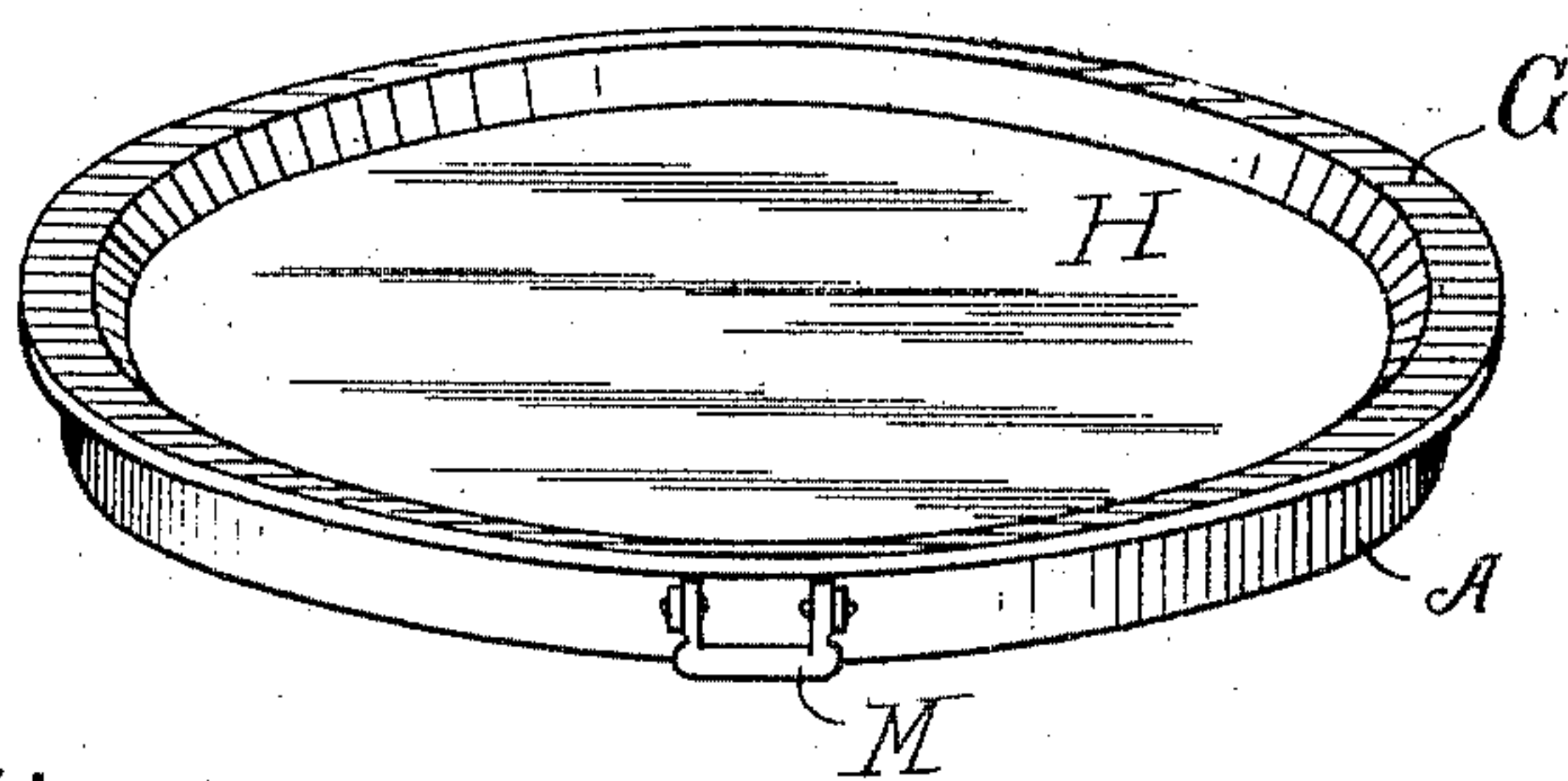
PATENTED DEC. 13, 1904.

A. BRUEBACH.  
REVOLVING TRAY.

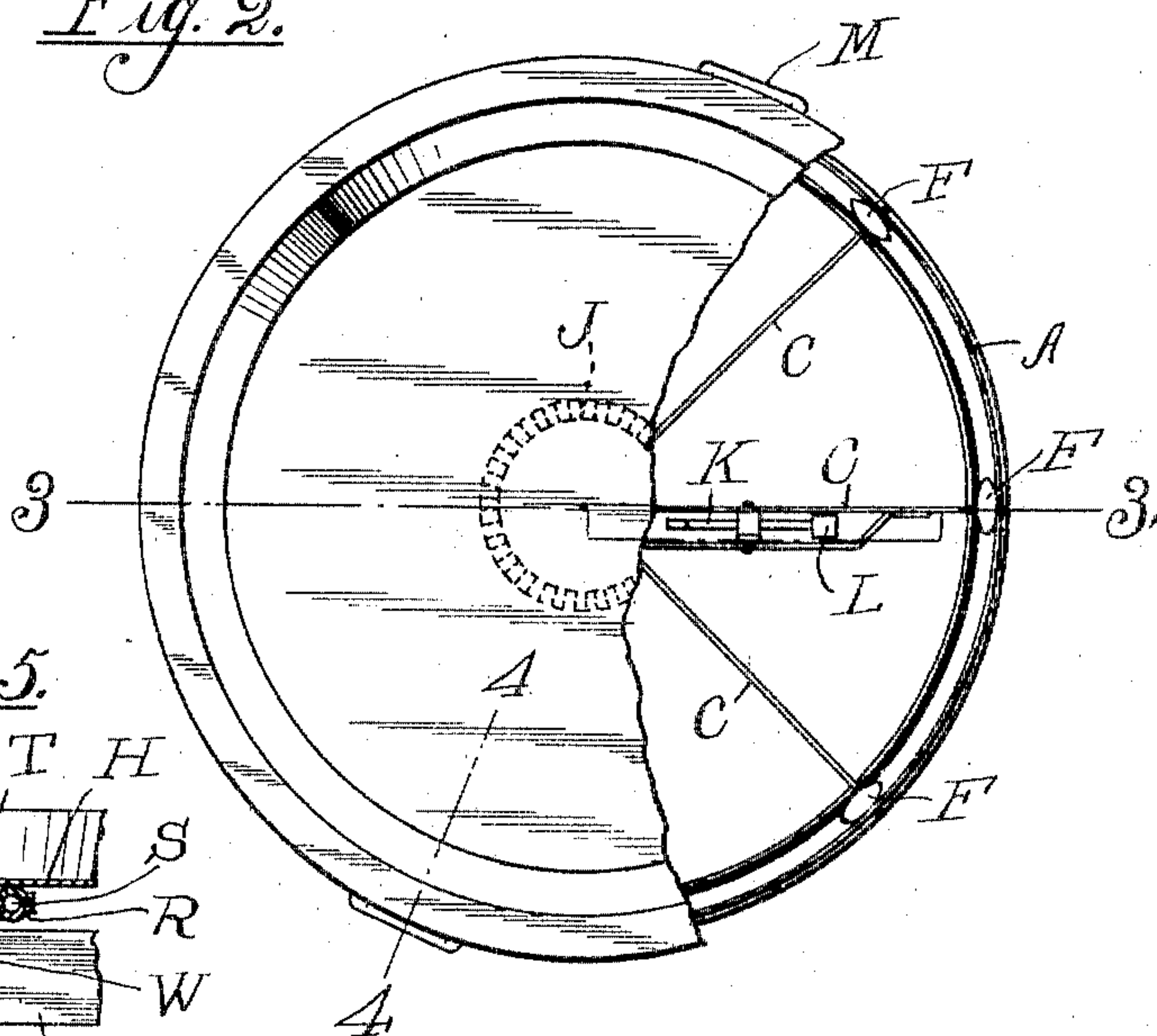
APPLICATION FILED APR. 20, 1904.

NO MODEL.

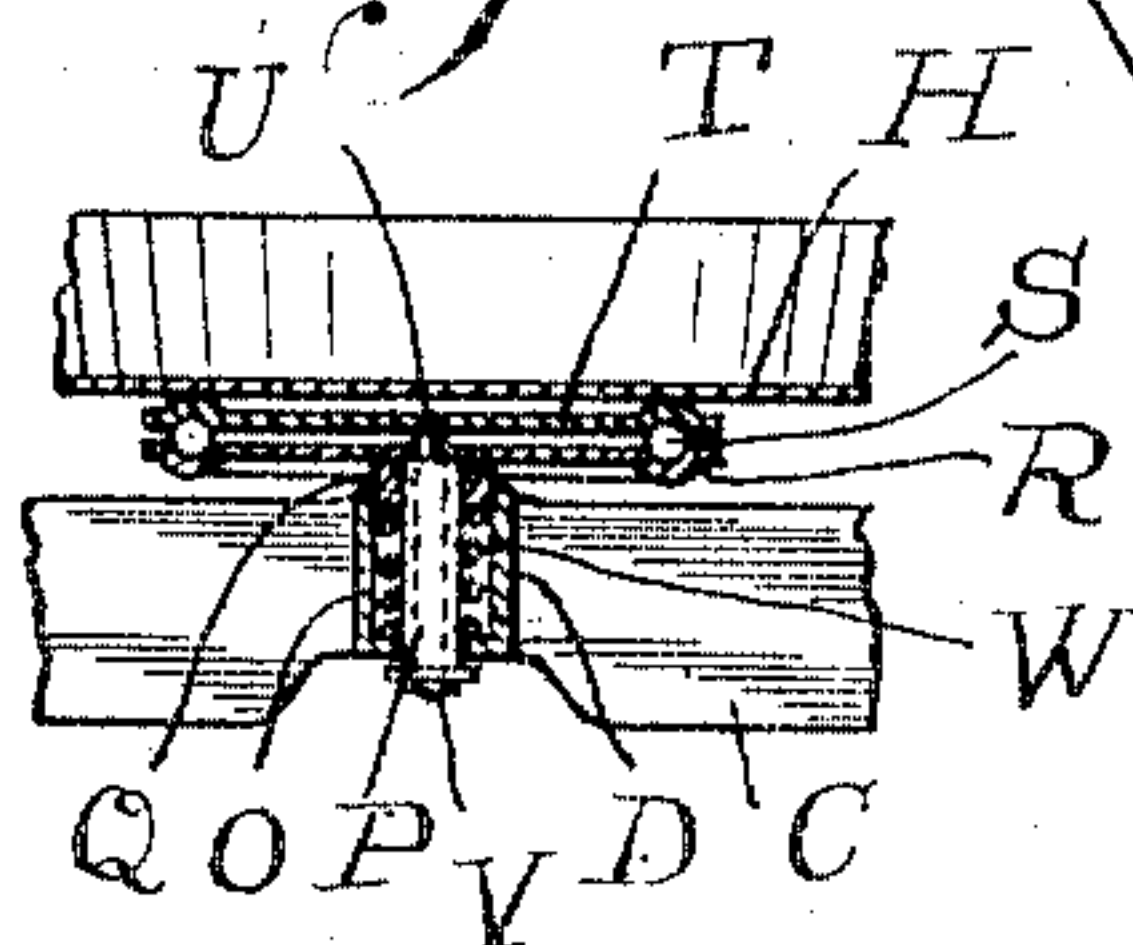
*Fig. 1.*



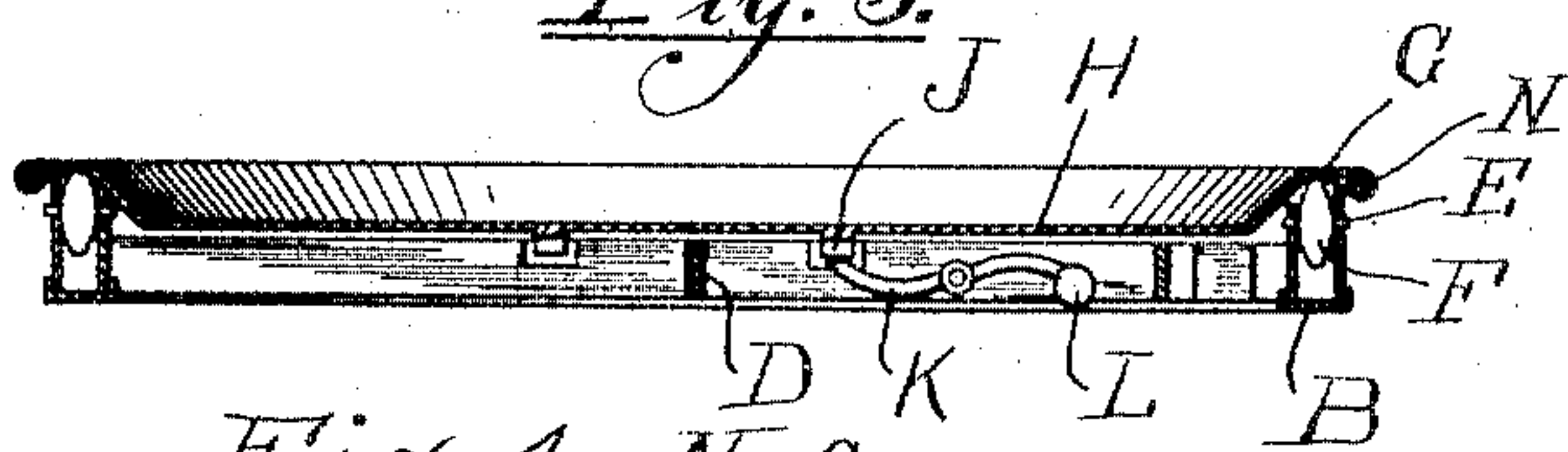
*Fig. 2.*



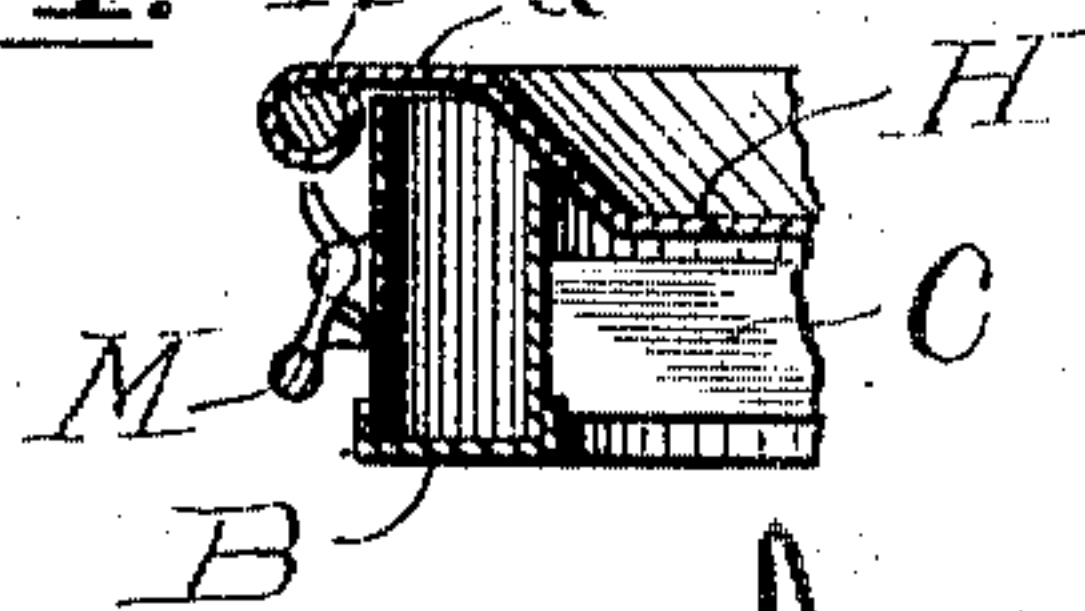
*Fig. 5.*



*Fig. 3.*



*Fig. 4.*



Witnesses:

C. F. Wilson  
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# UNITED STATES PATENT OFFICE.

AUGUST BRUEBACH, OF CHICAGO, ILLINOIS.

## REVOLVING TRAY.

SPECIFICATION forming part of Letters Patent No. 777,492, dated December 13, 1904.

Application filed April 20, 1904. Serial No. 203,999. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST BRUEBACH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Revolving Trays; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a novel construction in a revolving tray adapted to be set upon the table and receive such articles as are usually passed from guest to guest—such as salt, pepper, oil, vinegar, mustard, &c.—the object being to provide a device of this character in which the tray may be removed for the purpose of transporting dishes and which is simple and ornamental; and it consists in the features of construction and combinations of parts hereinafter fully described and claimed.

Figure 1 is a perspective view of a revolving tray and base therefor constructed in accordance with my invention. Fig. 2 is a top plan view of same, the tray being partly broken away to show the base or supporting member. Fig. 3 is a central vertical section on the line 3 3 of Fig. 2. Fig. 4 is a fragmentary detail section, on an enlarged scale, on the line 4 4 of Fig. 2. Fig. 5 is a detail central vertical section showing a center support for the tray.

My said device consists of a base A, comprising two circular concentric hoops joined together by means of a flanged ring B and connected, by means of spokes C, with a center portion or hub D. Mounted upon shafts E, passing radially through said hoops, are a plurality of antifriction-rollers F, disposed at regular intervals, upon which the flange portion or rim G of the tray is adapted to be supported and revolved. Mounted upon the lower face of said tray H is a toothed ring J, which is adapted to be engaged by one end of a lever K, pivotally mounted between its ends upon one of said spokes C and provided at its other end with a weight L, which is adapted to normally hold said lever K in engagement with said ring J. The said lever K is so ar-

ranged that when said base A rests upon the table said weight L is raised and the other end of the lever depressed out of engagement with said ring J, so as to leave said tray H free to be revolved. The said base A is provided at diametrically opposite points with handles M, by means of which it may be readily lifted and carried, together with said tray H, and when so lifted the weight L will obviously drop, thereby throwing the other end of said lever K into engagement with said ring J, thus holding said tray H against revolution. The rim G of said tray H is reinforced by a wire N and overhangs the outer face of the outermost hoop, thereby obviously holding said tray against slipping when said base is raised and possibly slightly tilted. As said tray is of considerable area and the center portion thereof therefore obviously subjected to considerable strain by reason of the weight carried thereby, I preferably provide means for reinforcing such middle portion and supporting said tray out of contact with said rollers F unless the same be loaded beyond a given weight. To this end I provide a hollow cup-shaped hub O in the middle of said base, which is supported upon the spokes C and is provided with a central opening in its bottom wall. Passing through said central opening and through said cup of hub O is a sleeve P, carrying a collar Q at its upper end, upon which is supported a plate R, provided adjacent its periphery with balls S. Resting on said balls S is a second plate T, provided with a center pin U, passing through said sleeve and secured therein against revolution by means of the nut V, which is of larger diameter than said sleeve P and is adapted likewise to hold the latter against removal from said hub. Mounted on said hub and surrounding said sleeve is a spiral compression-spring W, which bears against said collar Q and is adapted to support said plates R and T. The said spring W is adapted to normally support said plates R and T, so that the upper face of the latter is at a height above the supporting plane of said rollers F, so that when said tray is placed upon said base it will rest upon said plate T and be entirely or partially supported by said spring W, the latter being



preferably arranged to support a given weight and the excess weight being thus carried on rollers F, thus rendering the tray more noiseless and more easily operable than otherwise  
5 and supporting it both at the middle and periphery portions.

My said device has the advantage of being very flat, and therefore inconspicuous and ornamental, and can therefore be made of a diameter sufficiently large in proportion to the  
10 size of the table to enable all guests to easily reach and revolve the same to bring before them such of the contents as they may desire to help themselves to.

15 I claim as my invention—

A device of the kind specified, comprising a base, a removable tray adapted to be revo-

lably supported thereon, a toothed ring on said tray, a lever pivotally mounted between its ends on said base and adapted to engage  
20 said ring at one end to hold same against revolution, and a weight at the other end of said lever, said lever being so arranged that when said base rests upon the table said weighted  
25 end of said lever will be raised and the other end thereof thrown out of engagement with said toothed ring.

In testimony whereof I affix my signature in presence of two witnesses.

AUGUST BRUEBACH.

Witnesses:

RUDOLPH WM. LOTZ,  
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