

No. 886,865.

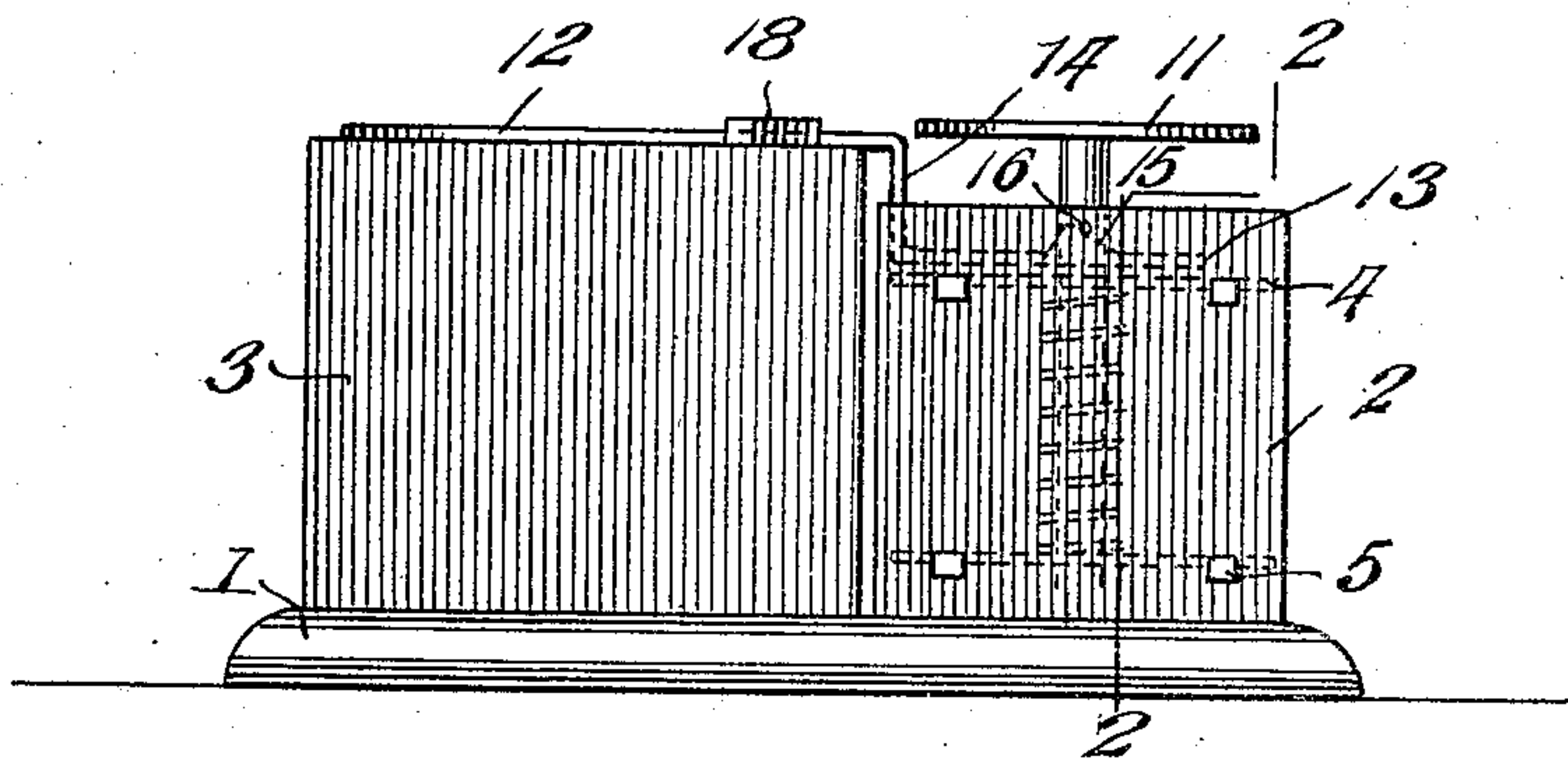
PATENTED MAY 5, 1908.

B. O. ROBERTS.

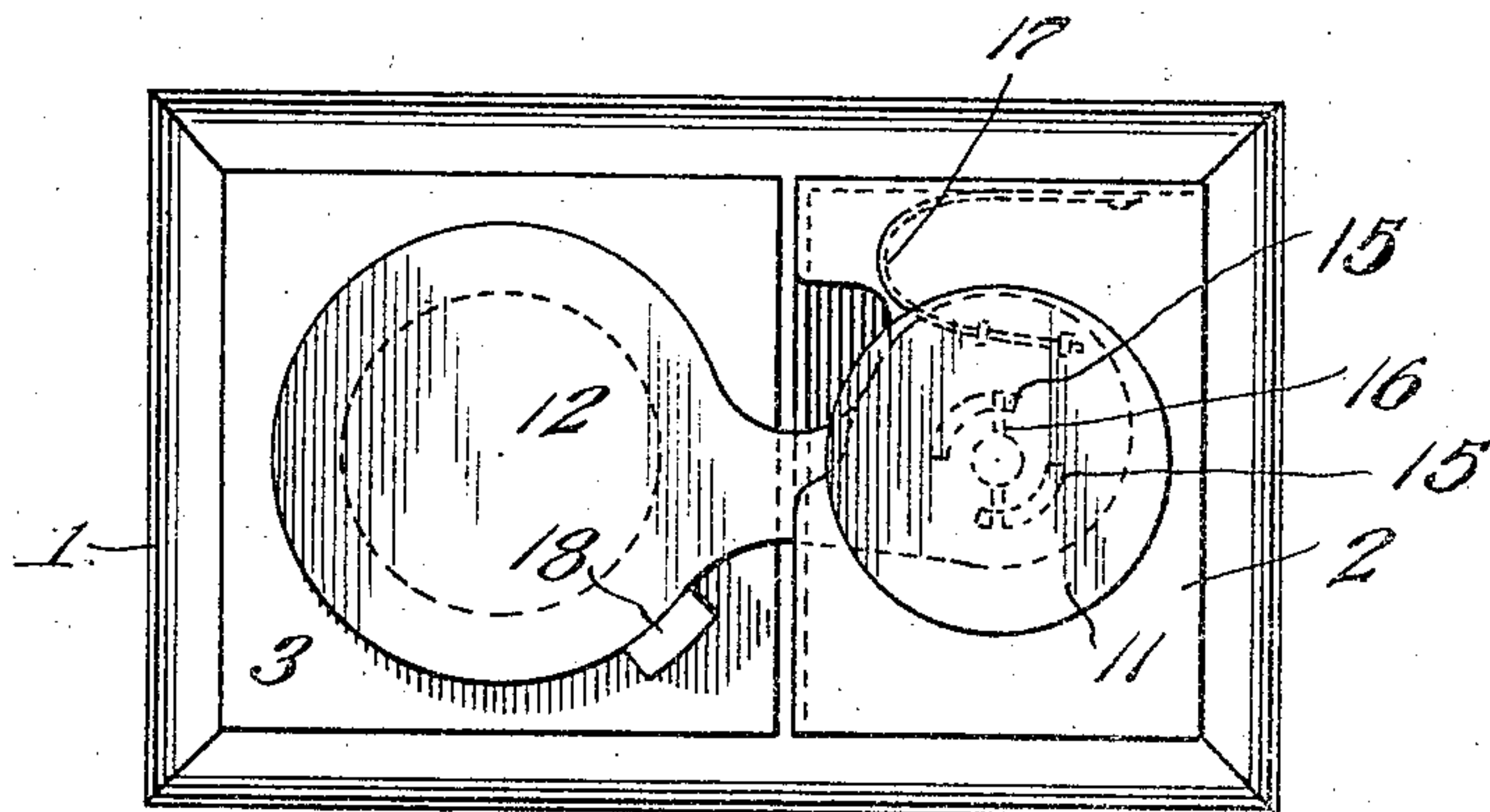
INKSTAND.

APPLICATION FILED NOV. 23, 1907.

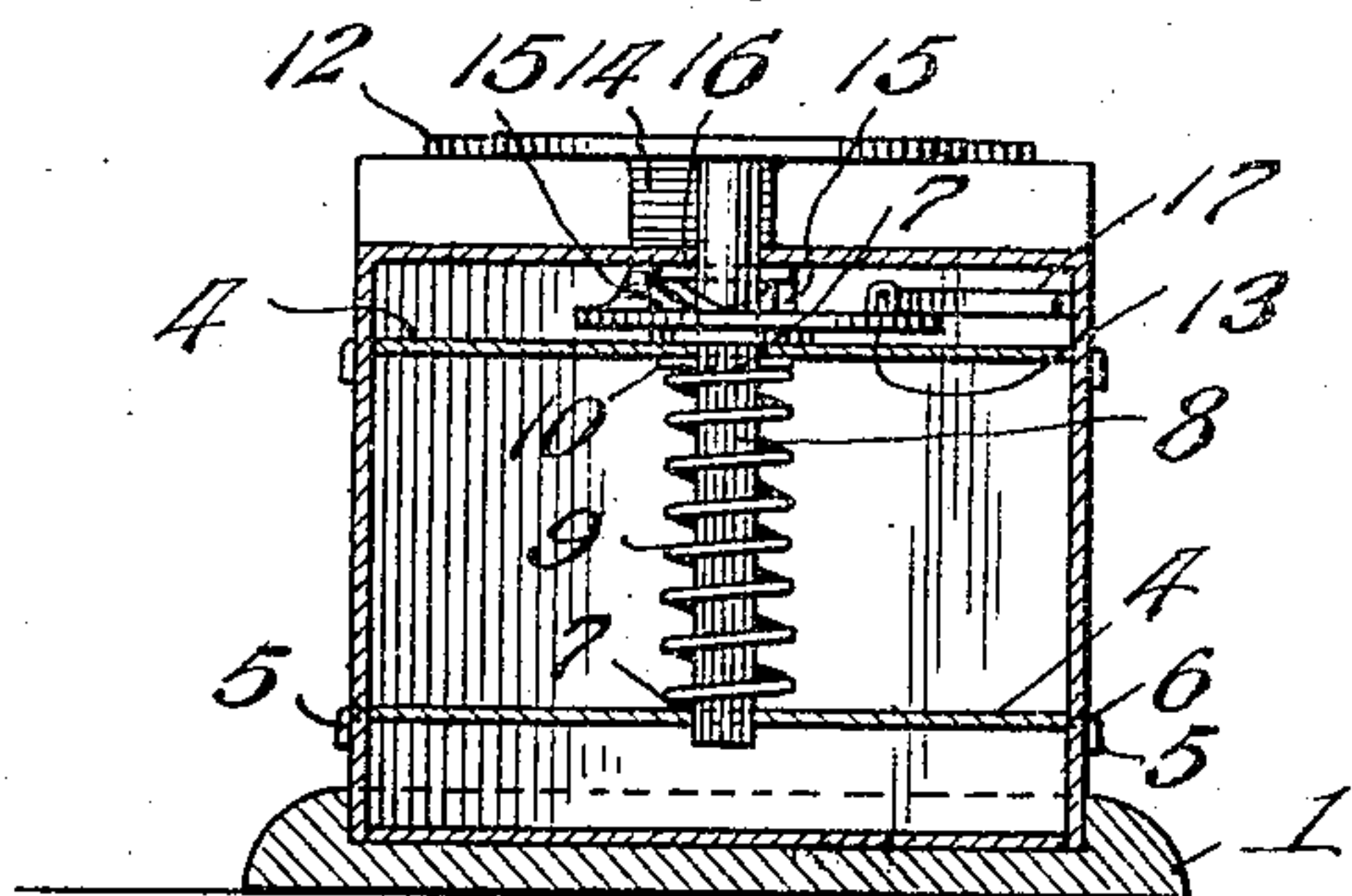
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## INKSTAND.

No. 886,865.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed November 23, 1907. Serial No. 403,473.

*To all whom it may concern:*

Be it known that I, BENJAMIN O. ROBERTS, a citizen of the United States, residing at Little Rock, in the county of Lyon and State of Iowa, have invented new and useful Improvements in Inkstands, of which the following is a specification.

This invention relates to improvements in inkstands and particularly with reference to a cover for the same.

One object of the invention is to provide a novel and efficient closing device for inkstands.

A further object is to provide a novel device for automatically closing the cover of the inkstand and means for holding said operating device in operative position.

A further object of the invention is to provide a novel device of this character that is simple in construction, efficient in practice and economical to manufacture.

The invention comprises the various novel features hereinafter described and claimed.

In the accompanying drawings,—Figure 1 is a side view of an inkwell with the invention applied thereto. Fig. 2 is a top plan view illustrating the means for closing the cover on dotted lines. Fig. 3 is a transverse sectional view taken on line 2—2 of Fig. 1.

Seated in the frame 1 is a casing 2 made of metal or any other suitable material and is of less height than the bowl 3. In the casing 2, is arranged adjacent its top and bottom edges transverse metallic plates 4—4, the ends 5 of the said plates passing through apertures 6 in the sides of the casing 2, said ends being bent over and contacting with the outer walls of the casing. Passing through square apertures 7, formed in the plates intermediate the ends thereof, is a stem 8, having a portion of the same square to fit in the square apertures 7, and such construction will prevent any rotary motion of said stem. Encircling the stem 8 and contacting with the upper face of the lower plate 5 is a coil spring 9, such spring being held in place by means of a pin 10 passing through the stem 8, said pin also acting as a shoulder for the spring 9. The spring 9 is constructed on the stem 8, to permit the operating head or plate 11, to be automatically retained in operative position. The bowl 3 is provided with a closure or cap composed of two parts 12, and 13. The part 13 is offset and disposed at a parallel plane beneath the part 12 and formed integral therewith by means of a connecting

member 14. Disposed on the upper face of the member 13 and adjacent one end thereof are reversible inclined cam lugs 15 contacting with a pin 16 passing through the post 8, illustrated more plainly in dotted lines, Fig. 2 of the drawings. Such construction permitting the portion 12 to rotate and the part 12 is automatically closed by means of a spring 17, said spring being fastened to the upper surface of the portion 13 and to the side of the casing 2.

In course of operation the plate 11 is pressed in a downward position against the tension of the spring 9 and by so doing the pin 16 running through the post 8 will work in contact with the reversible inclined cam lugs 15, turning the parts 12, 13 and 14, which constitute the closing device, in a rotary position against the tension of the spring 17. When desiring the bowl to be closed the finger is removed from the plate 11, and by so doing the tension of the spring 9 will throw the stem 8 in normal position and with such mechanism together with the aid of the spring 17 the parts 12, 13 and 14 will be returned to their normal closed position and will strike against the bumper 18.

From the foregoing description taken in connection with the accompanying drawings the advantages of the construction and method of operation will be readily understood to those skilled in the art to which the invention appertains and while I have described the principal operation of the invention together with the device which I now desire to have it understood that the device shown is merely illustrative and that such changes may be made as are within the scope of the invention.

Having thus described the invention what is claimed as new is:—

1. An inkstand comprising two sections, a cover for one of said sections, transversely disposed plates in the other section, a stem passing through the plates, cover operating means actuated by the movement of the stem and means connected with the stem for automatically operating the same in one direction.

2. An inkstand comprising two sections, a cover for one section, transversely disposed plates having square apertures inclosed in the other section, a movable stem passing through the apertures in said plates means operated by the stem to move the cover, said stem conforming in sectional contour to the apertures



through which it passes to prevent independent rotary movement of the stem.

3. An inkstand comprising two sections, a cover for one section, transversely disposed  
5 plates having square apertures inclosed in the other section, a movable stem passing through the apertures in said plates, means operated by the stem to move the cover, said stem conforming in sectional contour to the  
10 apertures through which it passes to prevent independent rotary movement of the stem, and means interposed between said plates for automatically operating the stem in one direction.
- 15 4. An inkstand provided with an ink reservoir, a cover for said reservoir mounted to swing in a horizontal plane, said cover comprising two parts, one of said parts being offset from and disposed parallel with and in a  
20 lower plane than the other parts, a member integrally connecting the two parts together, and a mechanism comprising a depressible element for actuating the cover.
- 25 5. An inkstand comprising an ink reservoir, a cover therefor, said cover comprising two parts, one of said parts being offset from and disposed parallel with and in a lower  
30 plane than the other part, an actuator, and cams carried by the offset part and arranged to be engaged by the actuator for opening the cover.
- 35 6. In an ink well, the combination of a reservoir, a cover therefor, said cover being pivotally mounted, a mechanism for actuating the cover, said mechanism comprising a  
40 depressible element forming a pivot for the cover, a casing for said mechanism, a device between the element and cover for removing the latter to open position, a spring for re-  
turning the cover upon release of the element, said spring being secured to the cover and to one side of the casing.
7. In an inkwell, the combination of a reservoir, a cover therefor, said cover being

pivotally mounted and a mechanism for ac- 45  
tuating the cover, said mechanism comprising an actuator on which the cover swings, a spring for holding the actuator in normal position, cams on the cover, means on the  
50 actuator for engaging the cams to move the cover in one direction, and means arranged to move the cover in the other direction.

8. In an inkwell, the combination of a reservoir, a cover therefor, said cover being  
55 pivotally mounted and a mechanism for actuating the cover, said mechanism comprising apertured members, a rod passing through the apertured members on which the cover swings, a head on said rod, a spring encircling said rod, cams carried by a portion  
60 of the cover, means carried by the rod, to cooperate with the cams for moving the cover in one direction, and means arranged to move the cover in the opposite direction.

9. In an inkwell, the combination of a 65  
reservoir, a cover, said cover being pivotally mounted and a mechanism for actuating the cover, said mechanism comprising apertured members, a rod passing through the said  
70 members on which the cover swings, a head on said rod, a spring encircling the rod, said spring being disposed intermediate two of the said apertured members, means passing  
75 through the rod for holding said spring in place, cams carried by a portion of the cover, a pin carried by the rod, said pin cooperating with the cams to move the cover in one di-  
80 rection, and a spring secured to the said portion of the cover and to one side of the casing for automatically returning the cover in the opposite direction.

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

BENJAMIN O. ROBERTS.

Witnesses:

E. F. ESHBAUGH,  
BEN. C. ABBEN, Jr.