

No. 804,288.

PATENTED NOV. 14, 1905.

J. B. WILLIAMSON.
PAPER WEIGHT.

APPLICATION FILED OCT. 13, 1904.

Fig. 1.

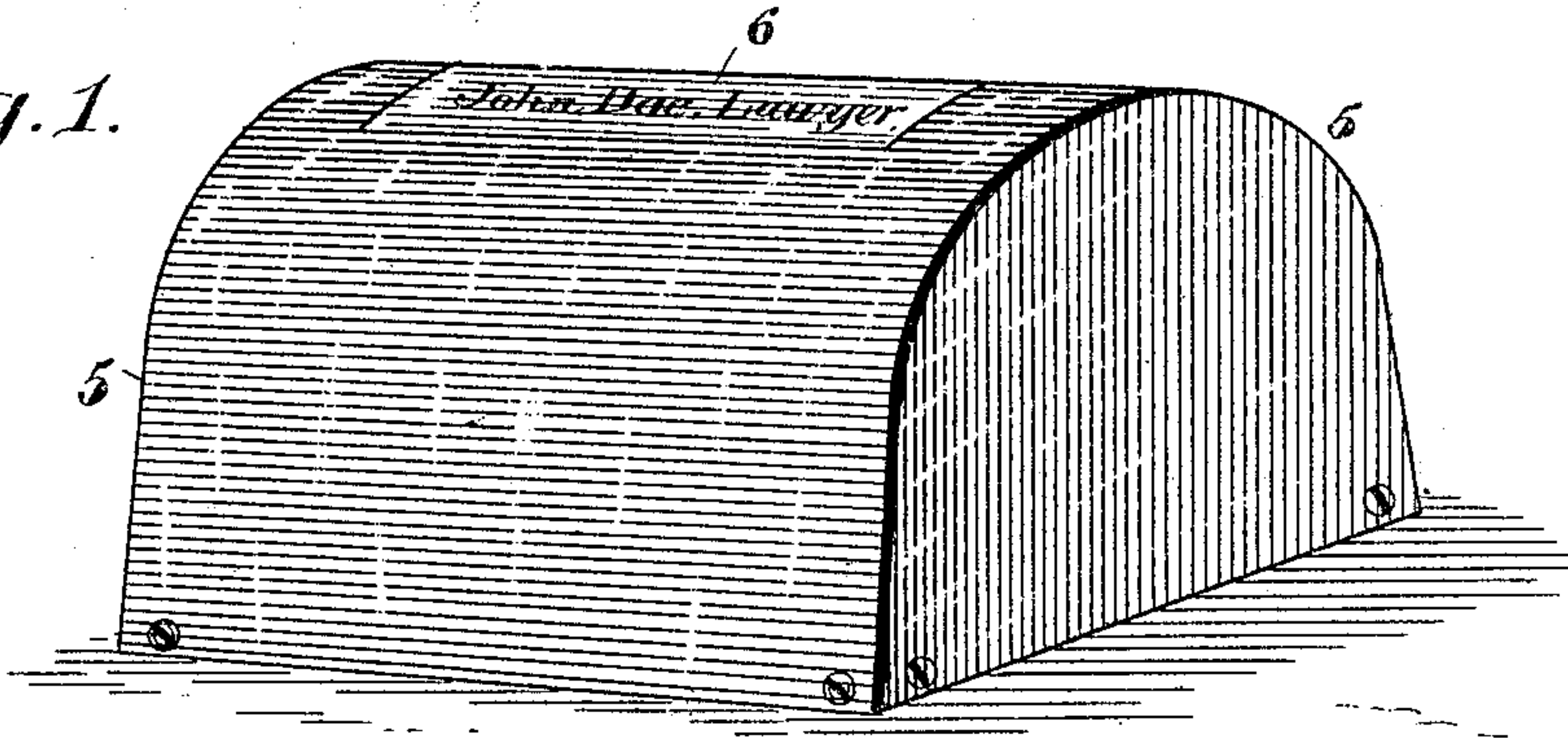


Fig. 2.

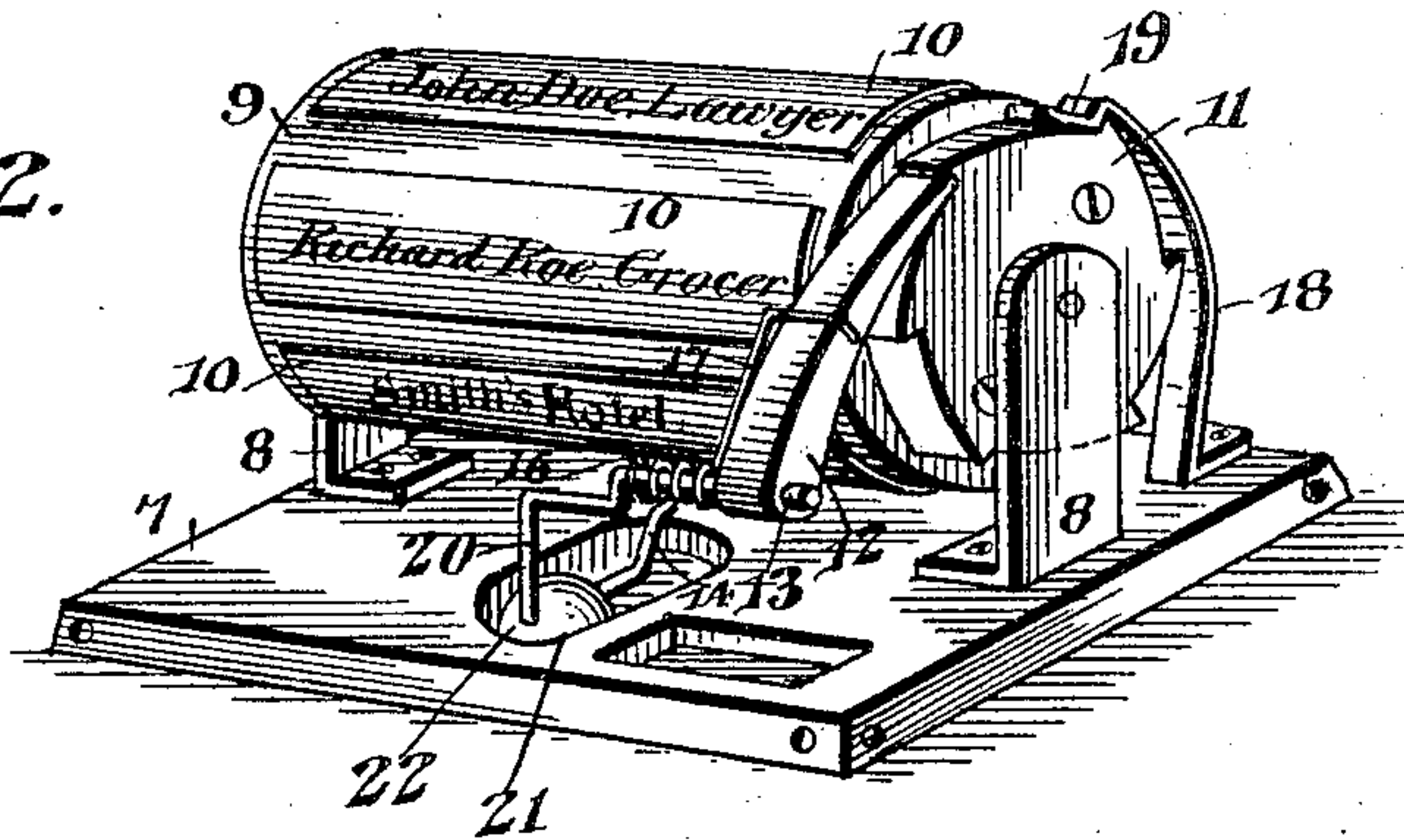


Fig. 3.

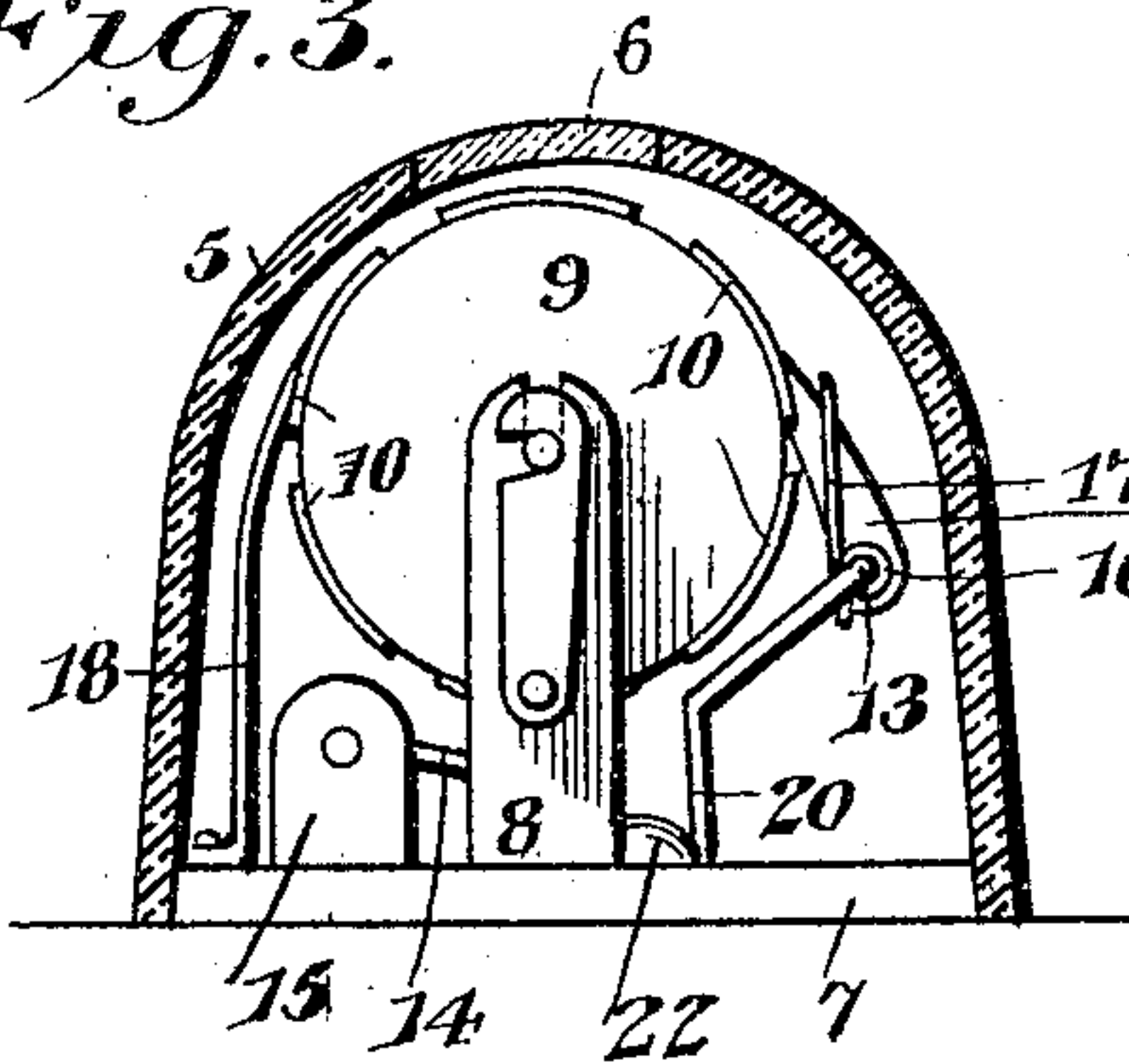
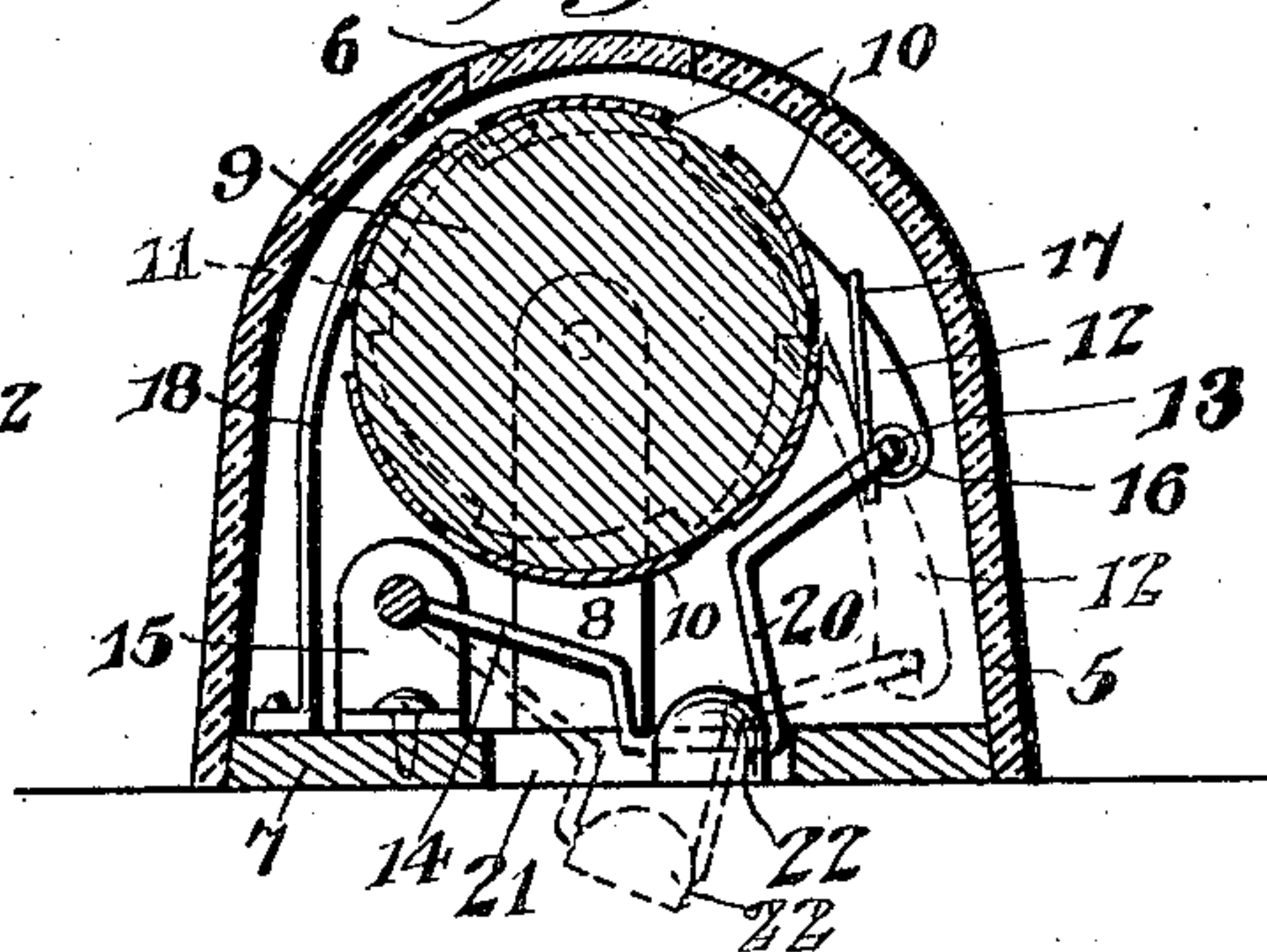


Fig. 4.



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PAPER-WEIGHT.

No. 804,288.

Specification of Letters Patent.

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Application filed October 13, 1904. Serial No. 228,341.

To all whom it may concern:

Be it known that I, JOHN B. WILLIAMSON, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Paper-Weight, of which the following is a specification.

The present invention is designed primarily as an advertising novelty, though its usefulness is not limited in this respect, as it may be employed for ornamental purposes.

The object is to provide a novel article of the above character with display mechanism so constructed and arranged that whenever the weight is placed upon papers to be held or upon any surface the matter displayed will be automatically changed. Thus a series of advertisements, pictures, or the like may be successively brought to view.

An embodiment of the invention which is at present considered the preferable one is illustrated in the accompanying drawings and is described in the following specification.

In the drawings, Figure 1 is a perspective view of the weight. Fig. 2 is a perspective view of the display member and actuating mechanism therefor. Fig. 3 is a transverse sectional view through the weight, showing the display member and actuating mechanism in elevation; and Fig. 4 is another sectional view through the weight, including the mechanism.

Similar reference-numerals designate corresponding parts in all the figures of the drawings.

In the embodiment illustrated a chambered body 5 is employed, that may be of any form and material desired, though preferably constructed of opaque glass, with the exception of a small oblong portion 6 in the top, which is transparent to form a window or view portion. A base 7 closes the bottom of the body and is secured thereto in any suitable manner. This base constitutes, in effect, the supporting portion of the weight. The base 7 also provides a complete support for the display mechanism and actuating means therefor. In the present embodiment said base is provided contiguous to its ends with standards 8, to and between which is journaled a display member in the form of a drum 9. The peripheral face of the drum is provided with the matter to be displayed—as, for instance, advertising-cards 10—though pictures or other matter of a purely ornamental nature may be employed,

if desired. To one end of the drum 9 is attached a ratchet or toothed wheel 11, and co-operating with this wheel is a dog 12, pivoted upon the offset terminal 13 of an oscillatory arm 14, said arm being pivoted to upstanding ears 15, carried by the base. A spring 16, coiled upon the offset portion 13, has a finger 17 bearing upon the dog 12 and urging the same into engagement with the ratchet-wheel 11, and a spring 18, secured to the base, has a hook portion 19 yieldingly held in engagement with the ratchet-wheel and arranged to successively engage behind the teeth thereof in order to prevent retrograde movement of the wheel and of the drum. The arm 14, to which reference has already been made, has an intermediate downwardly-bent portion 20, substantially in the form of a stirrup, that is movable through an opening 21, formed in the base, said stirrup being thus arranged to depend below the base and below the body, as indicated in dotted lines in Fig. 4. The stirrup carries an actuating-button 22, substantially semispherical in form and of sufficient weight to insure the dropping of the arm to the position indicated in dotted lines when the weight is elevated.

It will be observed by reference to Figs. 3 and 4 that the advertising-cards or display matter are successively movable beneath the view portion upon the rotation of the drum, and if the weight is elevated the arm and the dog 12 carried thereby will drop, so that the upper end of the dog will engage beneath one of the teeth of the ratchet-wheel. If now the weight is placed upon papers to be held or upon any flat surface, the button 22 will first engage said surface, so that the arm will be moved with respect to the body or, in other words, into the same. Therefore the dog 12 will effect a partial rotation of the ratchet-wheel and of the drum, this movement being sufficient to carry one card away from the view portion and the succeeding card into a position beneath the same. Thus as often as the position of the paper-weight is changed the display matter will be altered. The weight of the article is of course sufficient to hold the papers and to insure the necessary movement of the actuating mechanism, and the weight of the button 22 is enough to secure the relative downward movement of the arm and dog. It will thus be clear that a unique, pleasing, and attractive novelty is provided having great usefulness as an ad-

vertising medium, though not necessarily restricted in this respect, for the reasons already given.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description.

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

1. As an article of manufacture, a paper-weight comprising a chambered paper-weight body forming a casing or housing and having a view portion therein, a bottom for said casing arranged to rest upon a surface or object and having an opening, a display member movably mounted within the body and housed thereby, and actuating means for the display member also mounted in the body and coacting with said member, said actuating means including a device projecting through the opening in the bottom and movable into said opening by contact with the object or surface when said bottom is placed thereon.

2. As an article of manufacture, a paper-weight comprising a chambered paper-weight body forming a casing or housing and having a view portion therein, a bottom for said body arranged to rest upon a surface or object and having an opening, a display member rotatably mounted within the body and housed thereby, said member having its surface successively exposed through the view portion upon its rotation, and actuating means for rotating the display member with a step-by-step movement, said means being also mounted in the body and including a device movably projecting through the opening in the bottom and movable into the same by contact with the object or surface when said bottom is placed thereon.

3. As an article of manufacture, a chambered paper-weight body forming a housing or casing, a bottom detachably secured thereto, a movable display member, and actuating means for the display member, said member and actuating means being carried by and detachable with the body, and the actuating means having a portion depending below said body.

4. As an article of manufacture, a chambered paper-weight body forming a housing or casing, a bottom detachably secured to the lower part of the casing and constituting a support, said bottom having an opening, a rotatable display member journaled on the bottom and detachable therewith from the body, and actuating means for imparting a step-by-step movement to the display member, said actuating means being movably mounted on the bottom and detachable therewith from the body, and said actuating means furthermore having a portion depending through the opening in the bottom and movable therethrough.

5. In a paper-weight, the combination with a paper-weight body having a bottom arranged to rest upon an object or surface, of a rotatable display member journaled in the body and having a ratchet-wheel, an oscillatory actuating device pivoted in the body and having a portion projecting below the bottom and arranged to contact with the surface and be moved relatively to the body when said body is placed on such surface, and a dog pivoted to the actuating device and engaging the ratchet-wheel.

6. In a device of the class described, the combination with a heavy chambered paper-weight body having a view portion in its top and a base closing the bottom, a rotatable display-drum journaled in the chamber of the body and having portions in its periphery successively movable past the view portion, a ratchet-wheel carried by one end of the drum, an arm pivoted within the chamber of the body, a dog pivoted upon the arm and cooperating with the ratchet-wheel, the said base having an opening therethrough and a portion of the arm being movable through said opening, and a push-button carried by the depending portion of the arm and normally depending below the base, said button being arranged to engage and be forced into the opening by contact with a surface when the body is placed upon such surface.

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

JOHN B. WILLIAMSON.

Witnesses:

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