

June 19, 1923.

1,459,096

J. W. GIBBONS

ASH RECEIVER

Filed March 29, 1921

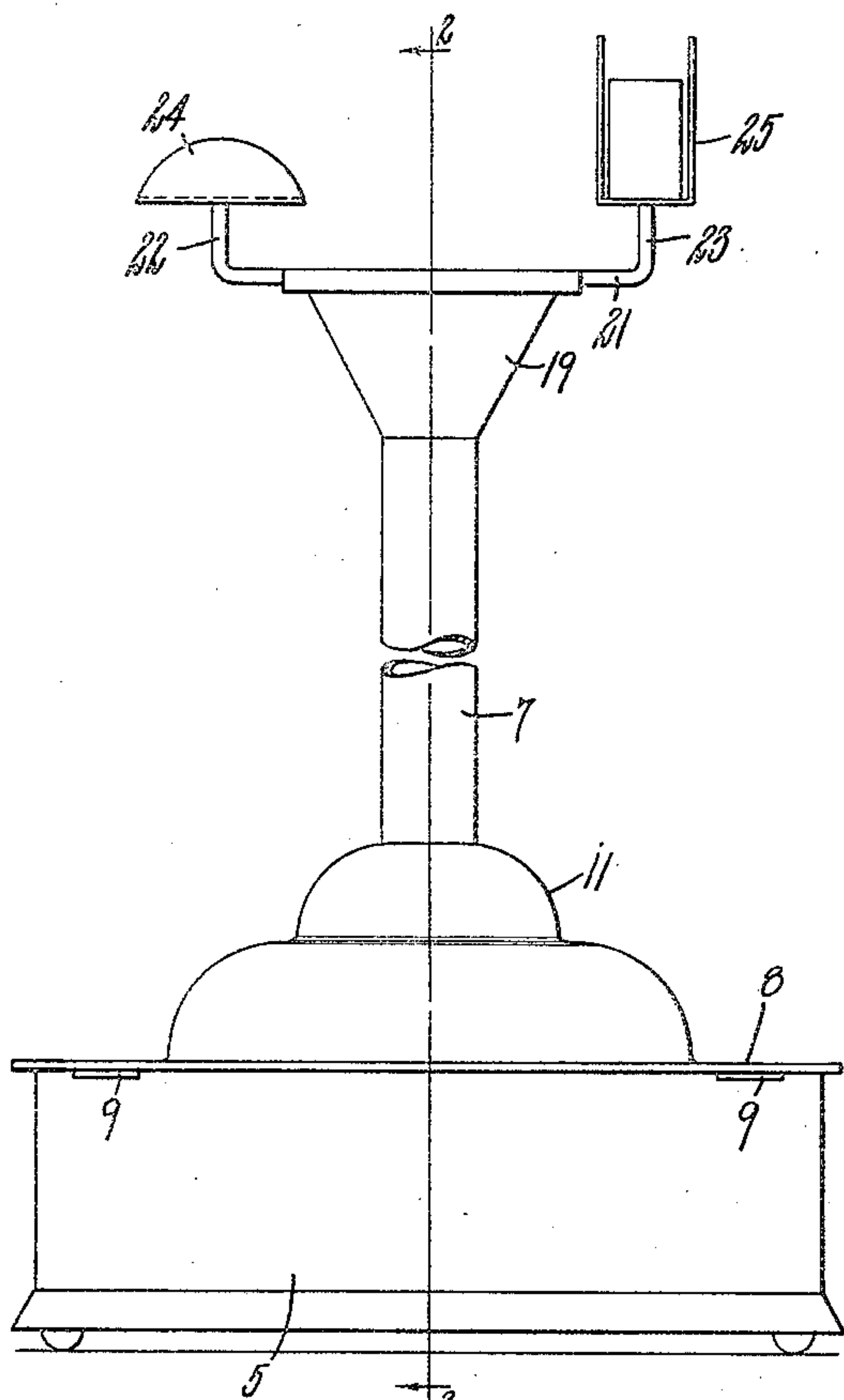


Fig. 1.

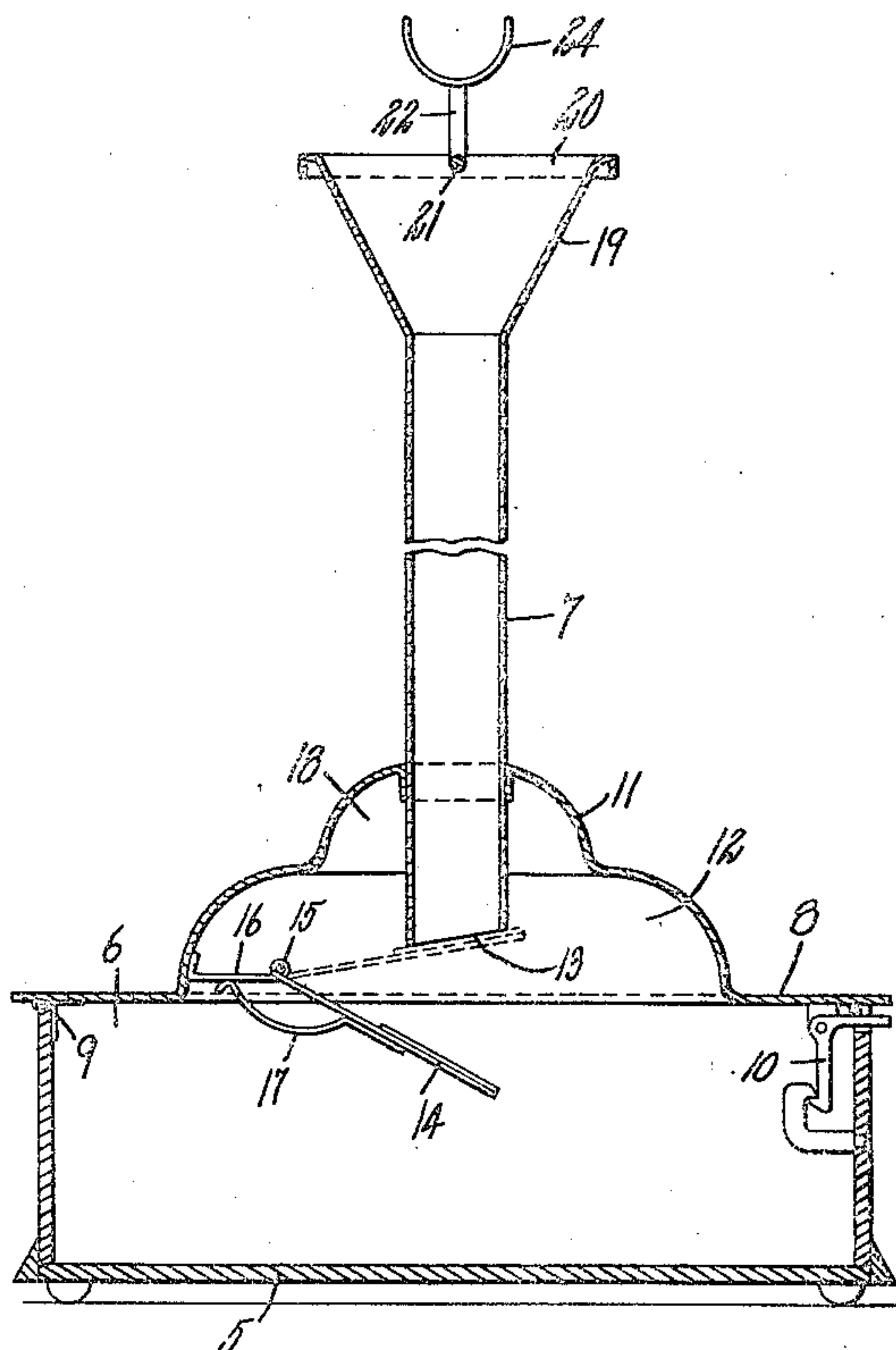


Fig. 2.

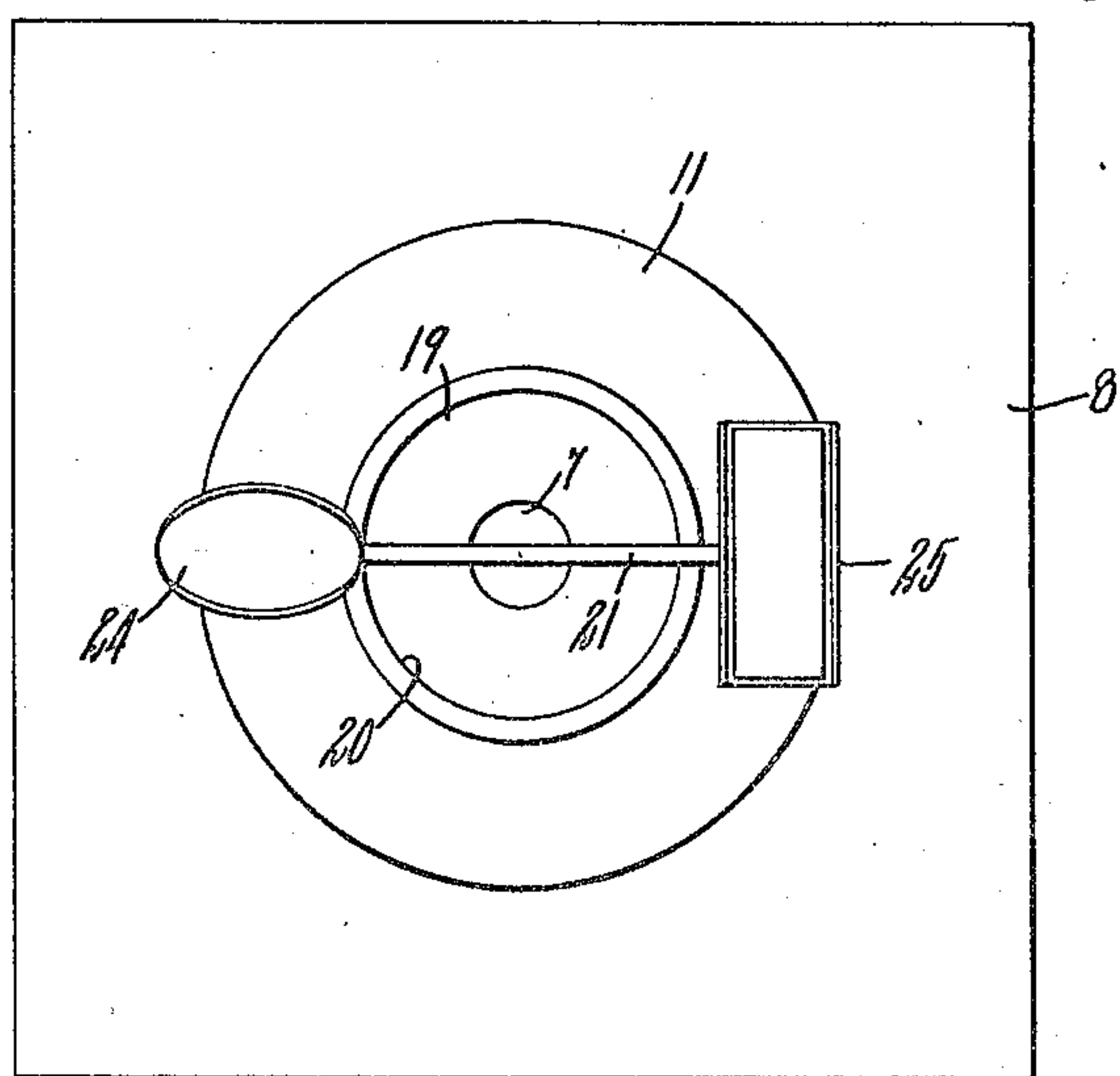


Fig. 3.

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UNITED STATES PATENT OFFICE.

JAMES W. GIBBONS, OF BOSTON, MASSACHUSETTS.

ASH RECEIVER.

Application filed March 29, 1921. Serial No. 456,715.

To all whom it may concern:

Be it known that I, JAMES W. GIBBONS, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Ash Receivers of which the following is a specification.

This invention relates to an ash receiver and has for its object to provide a practical, fireproof device of neat design adapted to receive burnt matches and the ashes and butts from cigars and cigarettes.

Another object of the invention is to provide means to prevent the refuse within the device from passing outwardly therefrom and being spilled upon the table or floor upon which said device may rest in the event of the device being accidentally upset and tipped toward either side thereof.

The invention consists in the combination and arrangement of parts set forth in the following specification and particularly pointed out in the claims thereof.

Referring to the drawings:

Figure 1 represents a side elevation of an ash receiver embodying my invention, the column thereof being broken away to save space in the drawings.

Fig. 2 is a vertical, longitudinal section taken on the line 2—2 of Fig. 1.

Fig. 3 is a plan view of the ash receiver.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 5 represents a base constructed of any suitable non-combustible material, preferably sheet metal, and having a chamber 6 upon the interior thereof constituting a container adapted to receive burnt matches, ashes or the butts of cigars and cigarettes which are conveyed thereto through a tubular column 7 mounted in a cover 8 provided for the container 6. The cover 8 is secured to the base 5 by hinges 9 upon one side thereof and a spring catch 10 of any suitable construction located upon the other side thereof. The cover 8 is provided with a raised central portion 11 thereby forming a recess 12 in the underside of said cover. and the tubular column 7 projects through said raised central portion and extends some distance into the recess 12. The discharge end of the tubular column 7 is cut off at a suitable angle to a horizontal plane at 13 and is provided with a gate 14 hinged at 15 to a support 16 in turn fastened to and projecting from the under surface of

the cover 8. The gate 14 is normally held in the position illustrated in Fig. 2 by a resilient stop 17 which is secured to the under side thereof and which is adapted to contact with the support 16 when the gate is located in its open position. The location of the gate 14 and the hinge 15 is such that no matter to which side the device may be upset, the combined actions of gravity and inertia will always act to swing the gate 14 against the lower end 13 of the column 7 and close the opening into said column. Although during the normal conditions of use the discharge end 13 of the column 7 is open, a pocket 18 formed in the upper portion of the recess 12 around said column above the lower end thereof acts to collect the smoke and fumes as they rise from smoldering articles and tend to hold said smoke and fumes within the container.

The upper end of the column 7 is provided with a conical extension 19 which flares upwardly and has an opening 20 at its upper extremity constituting an inlet opening for the column 7 into which the articles before mentioned may be dropped. A rod 21 extends across the opening 20 being securely fastened at the upper extremity of the conical extension and is provided for the purpose of being engaged by the burnt ends of cigars or cigarettes in order that the ashes may be removed therefrom. The opposite end portions of the rod 21 are bent upwardly to form arms 22 and 23 and to the upper extremity of the arm 22 a cigar rest 24 is attached, while a match box holder 25 is secured to the upper extremity of the arm 23.

When in use if the device becomes upset it is evident that the tendency will be for the refuse within the container to fall to the lower side thereof and unless the container is more than half full if in tipping the refuse enters the recess 12 the fact that the column 7 extends for a distance into said recess will prevent said refuse from entering the end 13 of said column. Moreover the gate 14 will always close if the device becomes upset and also act to prevent any refuse from entering the column 7 through the end 13 thereof. When the device is in its normal position, the pocket 18 will also act to hold the smoke and fumes from smoldering articles within the container.

While I have illustrated and described the preferred embodiment of my invention, it

will be evident to those skilled in the art that modifications thereof may be constructed without departing from the spirit of the invention, all of which may fall within the scope of the appended claims.

I claim:

1. An ash receiver comprising a base constituting a container, a cover hinged upon said base, means to lock said cover to said base, a tubular column mounted upon said cover and projecting into said container to form a pocket therearound between the lower end thereof and the under surface of said cover and a conical extension located at the upper extremity of said column and constituting the inlet to the interior thereof.

2. An ash receiver comprising a base constituting a container, a cover hinged upon said base, means to lock said cover to said base, a tubular column mounted upon said cover and projecting into the interior of said container to form a pocket therearound between the lower end thereof and the under surface of said cover, a gate pivotally mounted adjacent to the lower end of said column and adapted to close the lower extremity thereof, and a conical extension located at the upper extremity of said column, and constituting an inlet to the interior thereof.

3. An ash receiver comprising a base constituting a container, a cover hinged upon said base and provided with a raised central portion forming a recess in the under side thereof, means to lock said cover to said base, a tubular column mounted upon the raised portion of said cover and projecting into the recess upon the interior thereof to form a pocket therearound between the low-

er end thereof and the under surface of said cover, a gate pivotally mounted upon said cover adjacent to the lower end of said column and adapted to close the lower extremity thereof, a conical extension located at the upper extremity of said column, and constituting an inlet to the interior thereof and a rod extending across the upper extremity of said conical extension, the opposite end portions thereof being bent upwardly and constituting supports for a cigar rest and a match box or similar smoking accessories.

4. An ash receiver comprising a base constituting a container, a cover hinged upon said base and provided with a raised central portion forming a recess in the under side thereof, means to lock said cover to said base, a member constituting a chute mounted upon said cover and projecting into the recess upon the interior thereof to form a pocket therearound between the lower end thereof and the under surface of said cover, a rod extending across the upper extremity of said chute, a gate normally open pivotally mounted adjacent to the lower end of said column and adapted to close the lower extremity thereof when said ash receiver is upset upon either side thereof and means to position said gate when open relatively to the lower extremity of said column.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES W. GIBBONS.

Witnesses:

FRANKLIN E. LOW,
HAZEL F. LA MUDGE.