

No. 679,610.

Patented July 30, 1901.

W. A. ECKERT.

SELF RIGHTING RECEPTACLE FOR TOOTHPICKS, MATCHES, &c.

(Application filed Aug. 16, 1900.)

(No Model.)

Fig. 1.

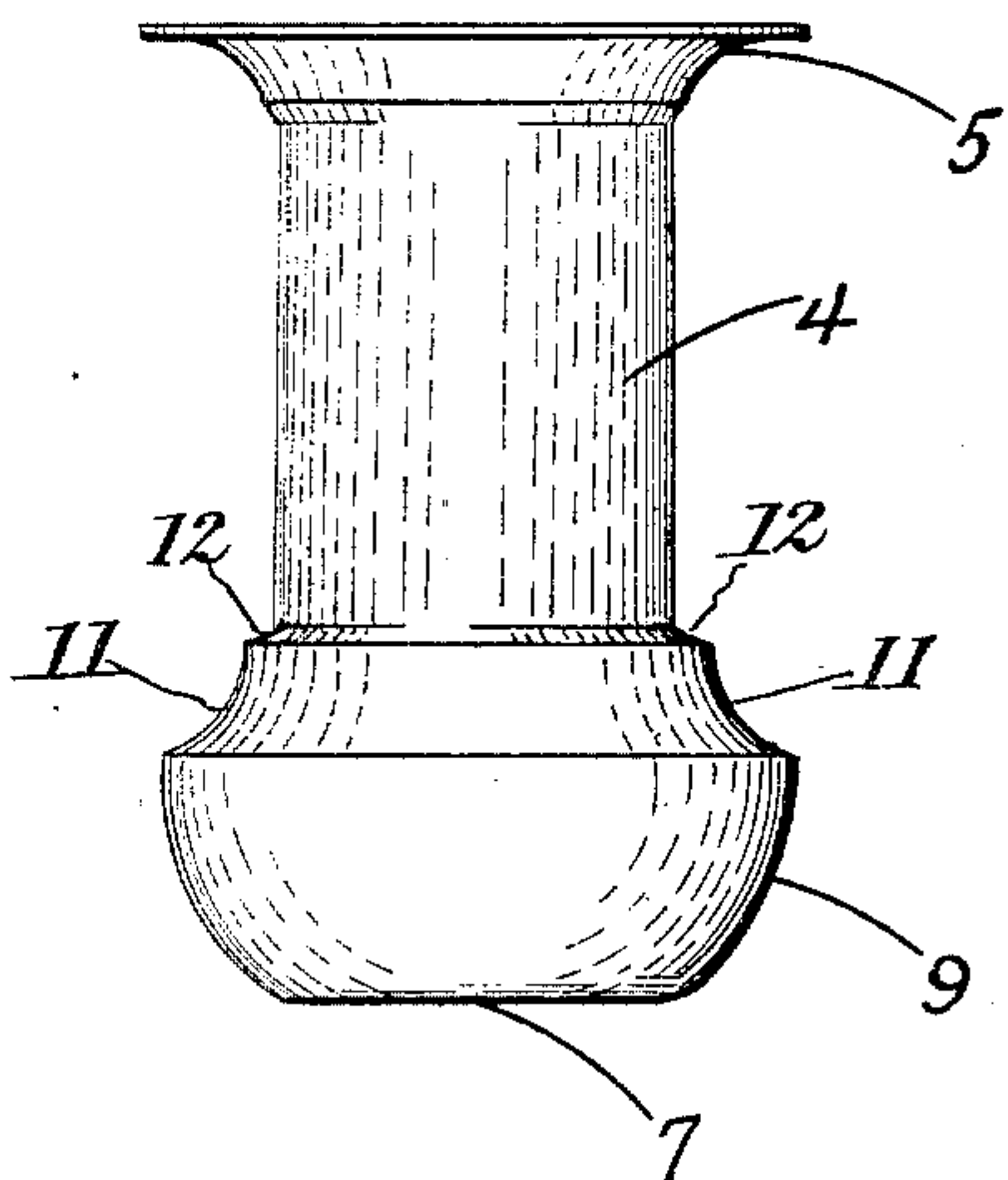


Fig. 2.

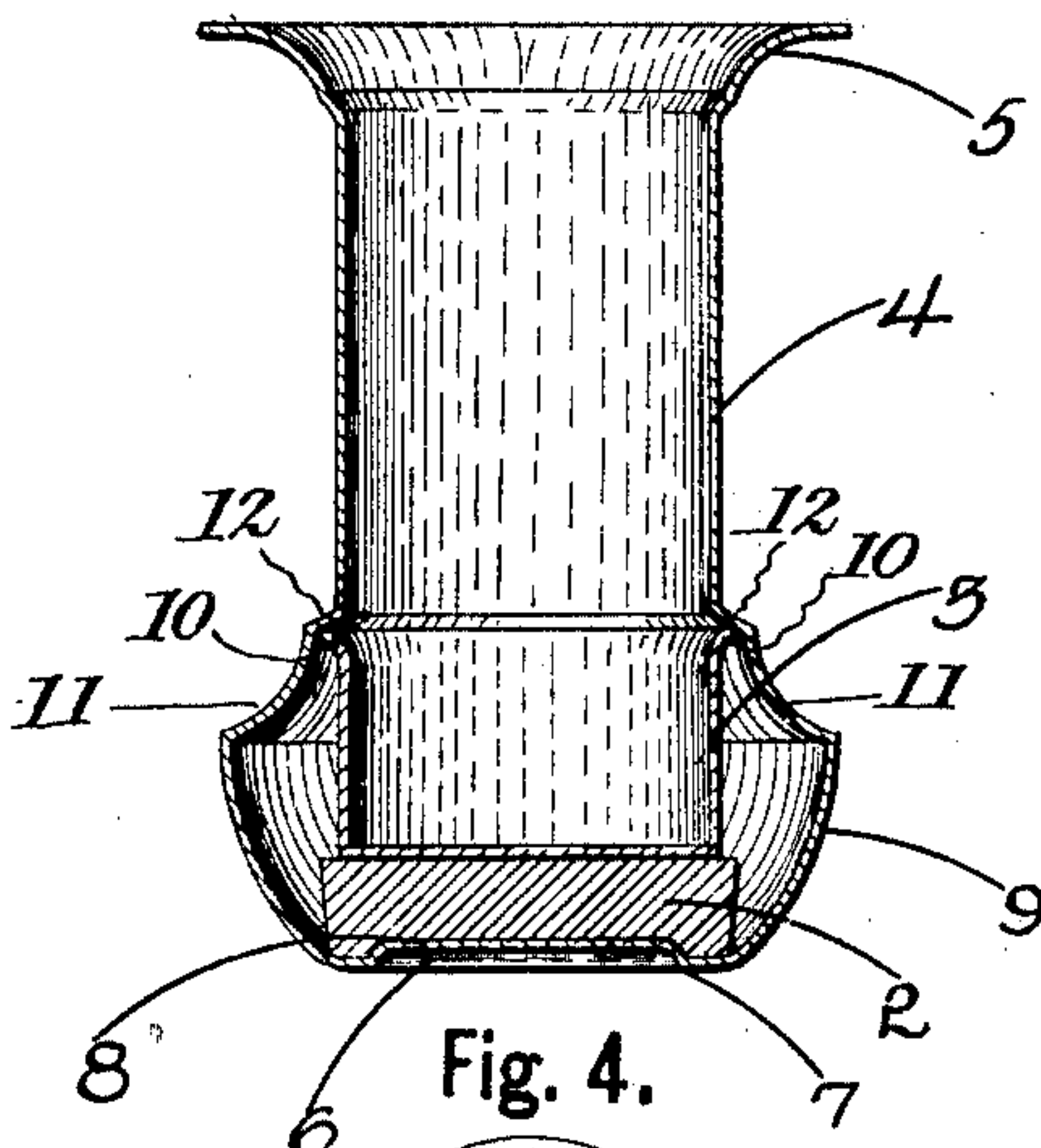


Fig. 3.

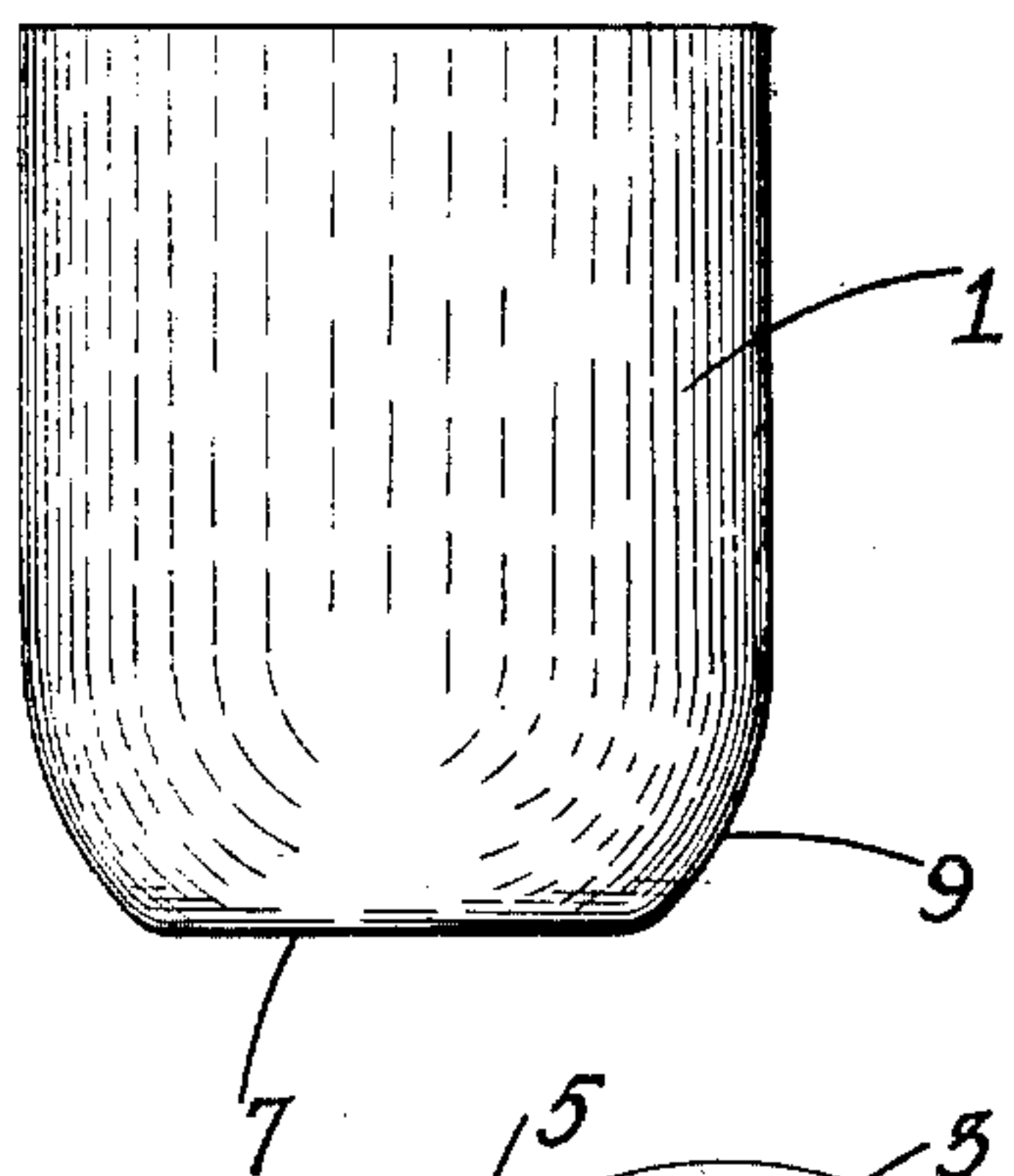


Fig. 4.

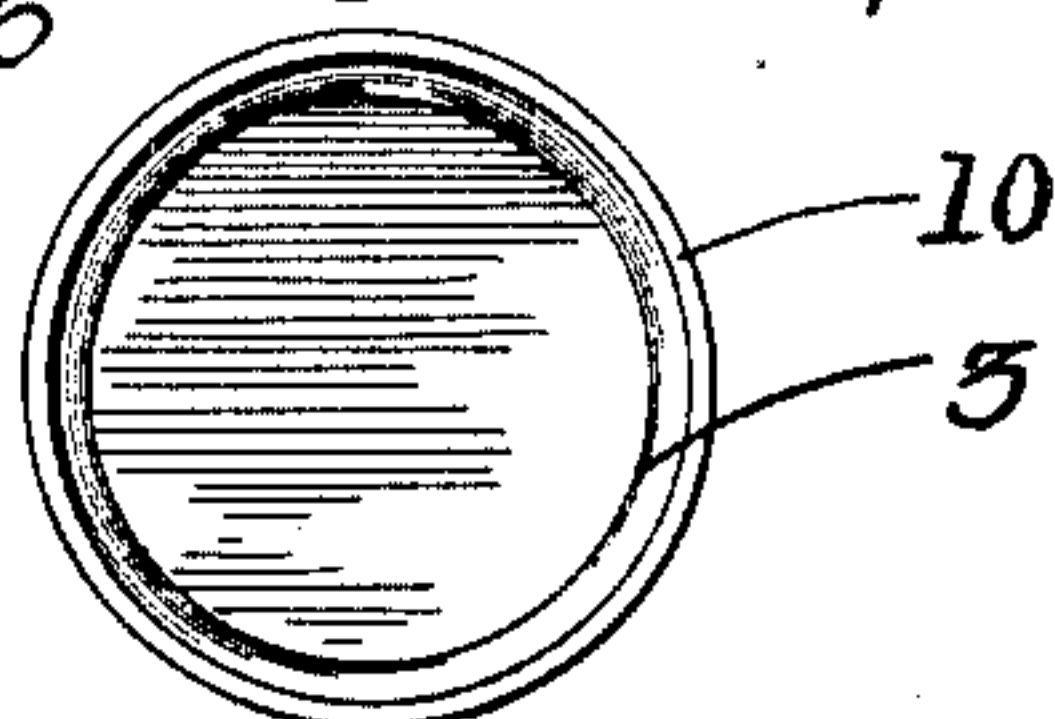


Fig. 5.

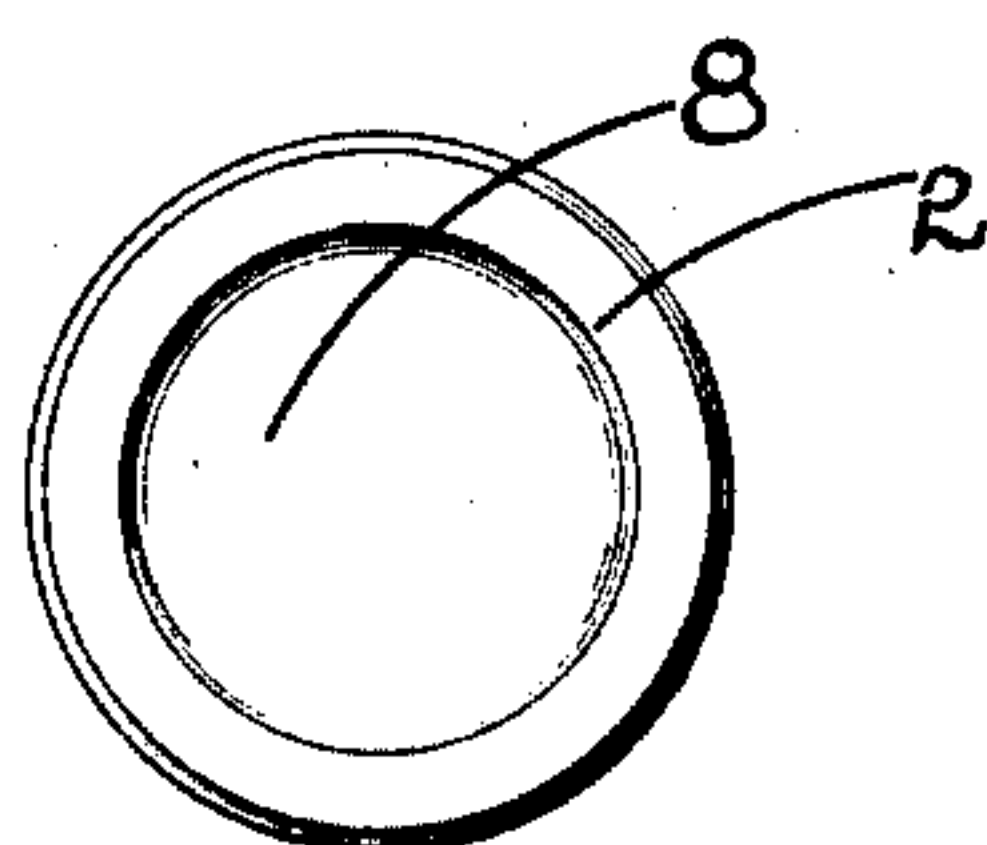
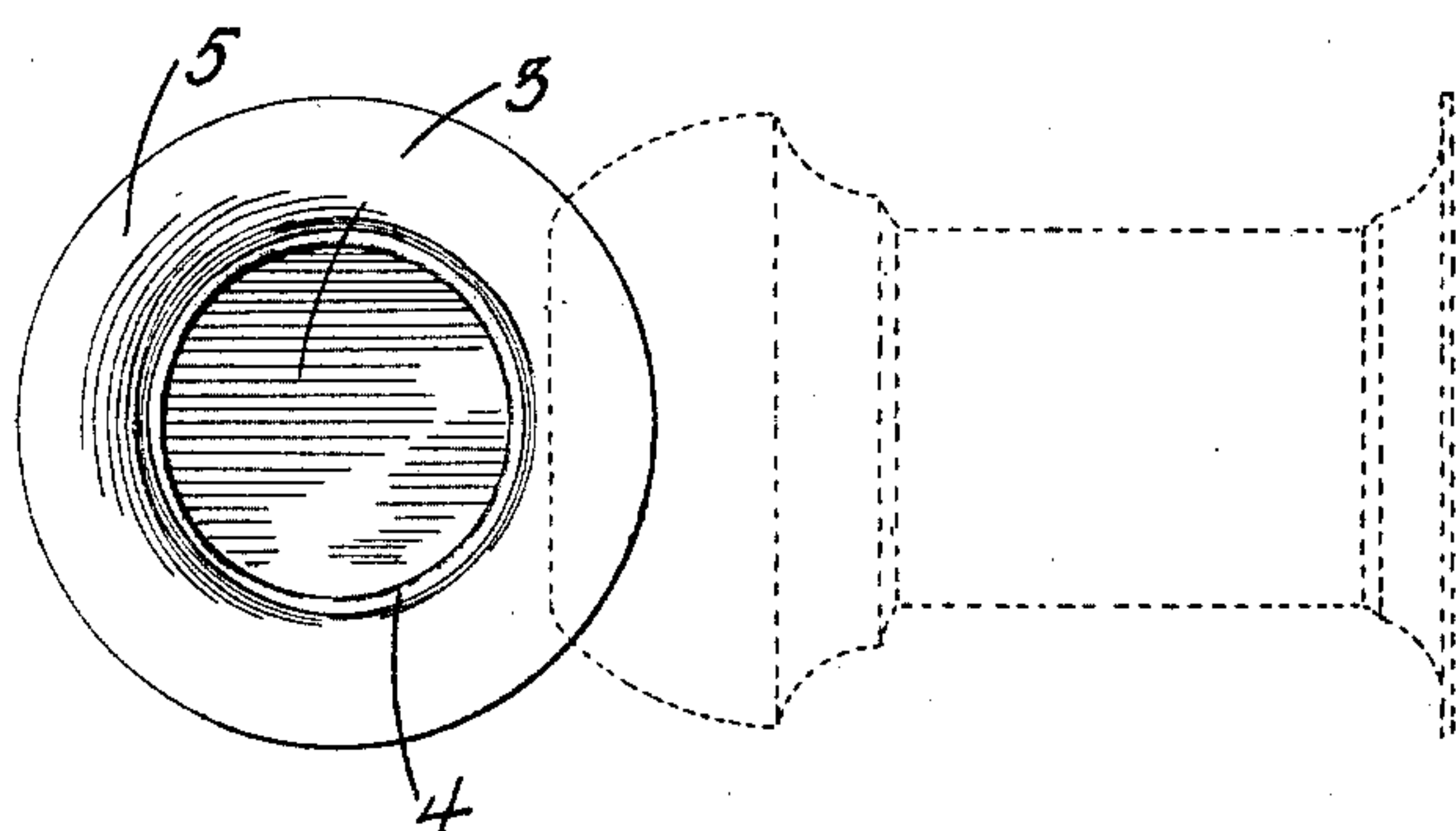


Fig. 6.



Witnesses.

L. M. Billings
G. A. Neubauer

Inventor.

By William A. Eckert.
A. J. Sangster, Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM A. ECKERT, OF BUFFALO, NEW YORK.

SELF-RIGHTING RECEPTACLE FOR TOOTHPICKS, MATCHES, &c.

SPECIFICATION forming part of Letters Patent No. 679,610, dated July 30, 1901.

Application filed August 16, 1900. Serial No. 27,049. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. ECKERT, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Self-Righting Receptacles for Toothpicks, Matches, &c., of which the following is a specification.

My invention relates to a novel self-righting receptacle for toothpicks, matches, &c., which is spun from metal and has a weighted lower end to enable it to regain its upright position when tilted or turned therefrom.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The invention is susceptible to various changes in the form, proportion, and minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved device. Fig. 2 is a central vertical section. Fig. 3 is a side elevation of one of the partially-turned blanks. Fig. 4 is a top view of the inside cup. Fig. 5 is a bottom view of the weight. Fig. 6 is a top plan view of the device, also showing it in a tilted position in dotted lines.

The body of the receptacle is formed of aluminium or other suitable metal or material, being spun to the desired form from a circular blank which is first spun into the cup form 1. (Shown in Fig. 3.) A weight 2, preferably of lead, is then introduced into the bottom of the partially-formed receptacle. A weight-holding cup 3 is placed upon the top of the weight, and the upper portion of the cup is reduced to form a tubular cylindrical portion 4.

The top of the cylindrical portion 4 is provided with a flared or flanged portion 5, which may be formed integral with the body or in a separate portion, as desired. This flanged portion 5 serves as a shoulder to prevent the receptacle from tilting too far, and thus spilling the matches, toothpicks, or other articles contained therein.

To hold the weight in place, the center 6 of

the bottom 7 is raised, leaving a shallow depression in the bottom, and the weight is provided with a similar depression 8, which fits over this raised center. (See Fig. 2.) The cup 3, the circular portion of which is of substantially equal circumference with the cylindrical portion 4, acts to rigidly hold the weight in place and as a lower continuation of the cylindrical portion 4, its bottom serving as a bottom support for the matches or toothpicks.

The tubular cylindrical portion 4 forms a circular supporting side wall for the matches or toothpicks and also a convenient handle to carry the receptacle.

The enlarged bottom portion of the receptacle has a curved side wall 9, which provides a curved surface to enable it to easily regain its upright position without jarring the articles out of the receptacle.

The top edge 10 of the cup 3 is flared or flanged out, substantially as shown in Fig. 2, and the top of the receptacle above the curved side wall 9 is concaved at 11 and then turned abruptly inward to form a locking-shoulder 12 upon the top edge 10 of the cup.

In assembling the device the body is first spun into the form shown in Fig. 3 from a circular blank, the weight 2 is placed in the body, the cup 3 is then placed upon the weight, and the body of the receptacle is reduced by spinning to form the concave portion 11 and then spun inward at the top of said concave portion 11 to form the shoulder 12, which fits upon the flanged top 10 of the cup and locks the cup and weight in place. The cylindrical portion 4 is then formed and the receptacle is completed by spinning the top flange 5 substantially in the form shown in Figs. 1 and 2.

I claim as my invention—

1. A self-righting receptacle for matches and like articles, comprising a body having an enlarged weighted lower portion, an upper cylindrical portion to receive the matches or like articles and a top flange.

2. A self-righting receptacle for matches and like articles, comprising a body having an enlarged lower portion, an upper cylindrical portion, a top flange, a weight in the lower portion and a cup above said weight; said cup rigidly holding the weight in place and also forming the bottom for supporting the articles.

3. A self-righting receptacle for matches
and like articles, comprising a body having
an enlarged lower portion provided with a
bottom formed with a raised part, a reduced
5 cylindrical upper portion and a top flange, a
weight having a depression fitting over the
raised part in the bottom of the lower portion,
and a cup above the weight of substantially
the same circumference as the cylindrical up-
10 per portion having a top flange; the body be-
ing turned upon the flange of the cup to se-
cure the same in place, substantially as set
forth.

4. A self-righting receptacle for matches

and like articles, comprising a body having 15
an enlarged lower portion, an upper cylin-
drical portion, having an open mouth and a
top flange, a weight in the lower portion and
a cup above said weight; said cup rigidly
holding the cup in place and also forming in 20
connection with the upper cylindrical portion
the article-holding compartment and the bot-
tom of the cup supporting the articles.

WILLIAM A. ECKERT.

Witnesses:

L. M. BILLINGS,
G. A. NEUBAUER.