No. 825,317. PATENTED JULY 10, 1906.

G. N. HASKELL.

FUNNEL.

APPLICATION FILED APR. 17, 1905.

FIG. 1

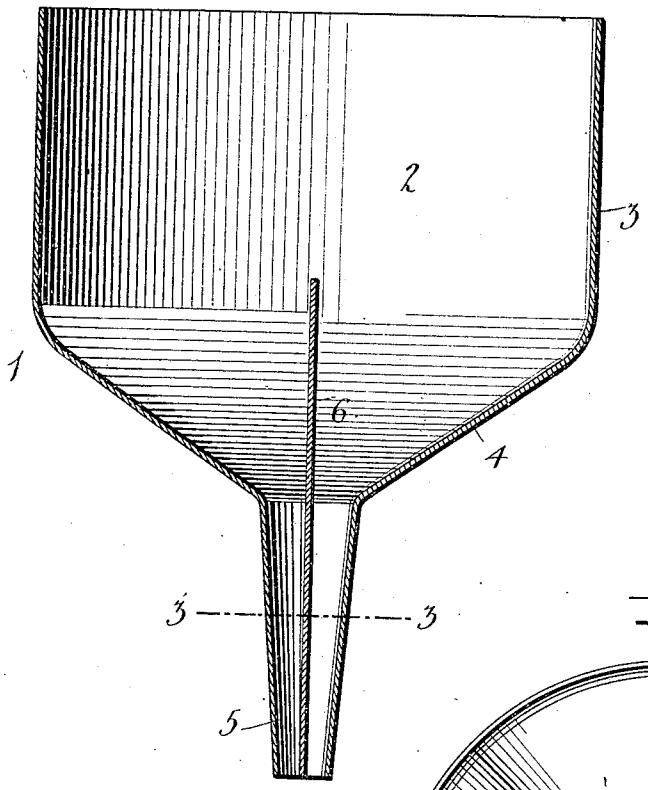


FIG. 2

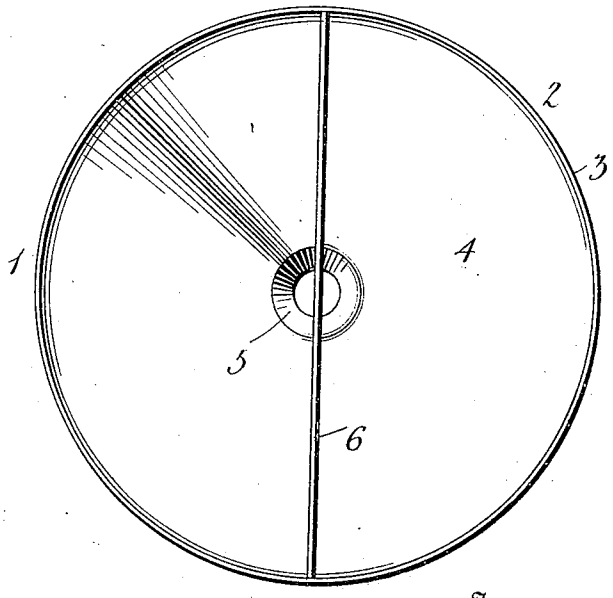
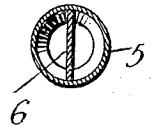


FIG. 3



Witnesses
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FUNNEL.

No. 825,317. Specification of Letters Patent. Patented July 10, 1906.

Application filed April 17, 1905. Serial No. 256,010.

To all whom it may concern:

Be it known that I, GEORGE N. HASKELL, a citizen of the United States, residing at Groton, in the county of Brown and State of South Dakota, have invented certain new and useful Improvements in Funnels; and I do 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 improvements in funnels; and it consists in certain novel features of construction, combination, and arrangement of devices hereinafter described and claimed.

The object of the invention is to provide a device of this character in which the circular motion of the liquid discharged through it will be prevented, so that the passage of the liquid will not be retarded.

The above and other objects, which will appear as the nature of the invention is better understood, are accomplished by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a vertical sectional view through a funnel constructed in accordance with my invention. Fig. 2 is a top plan view of the same, and Fig. 3 is a detail sectional view taken on the line 3 3 of Fig. 1.

Referring to the drawings by numeral, 1 denotes a funnel, which may be of any desired form and construction and which, as shown, comprises a body 2, having an upper cylindrical portion 3 and a tapered or cone-shaped lower portion 4, which terminates in a tapered nozzle or spout 5. Arranged longitudinally and preferably, but not necessarily, centrally in the funnel is a partition or diaphragm 6, which is provided for the purpose of preventing the rotary motion of liquids passing through the funnel. This partition may extend, as shown in the drawings, from the top of the cone-shaped portion 4 of the body of the funnel down to the end of its spout 5, or it may extend upwardly to the top of the cylindrical portion 3 of the funnel-body. The circular motion of the liquid, especially in large funnels, takes place in the cone-shaped portion 4 of the funnel-body and in the upper portion of the spout 5, so that the partition is preferably arranged at this point. It will be understood that one or more of these partitions may be provided, and the same may be of any suitable form and construction.

When the liquid is poured into the mouth or top of the funnel, it will be divided by the partition or diaphragm 6, part passing downwardly upon each side of the frame, so that it will be prevented from taking up a circular motion. As is well known, this circular movement of the liquid greatly retards its passage through the funnel, so that the provision of the partition 6 will permit the liquid to flow more rapidly therethrough.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A funnel having means to prevent circular motion of the liquid poured into the funnel.

2. A funnel having a partition to prevent circular motion of the liquid in the funnel and facilitate its discharge therefrom.

3. A funnel having a partition extending through and dividing the spout, and also extending upwardly into the lower portion of the funnel above the spout to prevent circular motion of the liquid in the funnel and facilitate its discharge therefrom.

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

GEORGE N. HASKELL.

Witnesses:

WILLIAM I. ERWIN,

WM. ASHLEY.