

(No Model.)

F. B. POSTLETHWAITE.
STRAINER ATTACHMENT FOR BARRELS.

No. 520,168.

Patented May 22, 1894.

Fig. 1

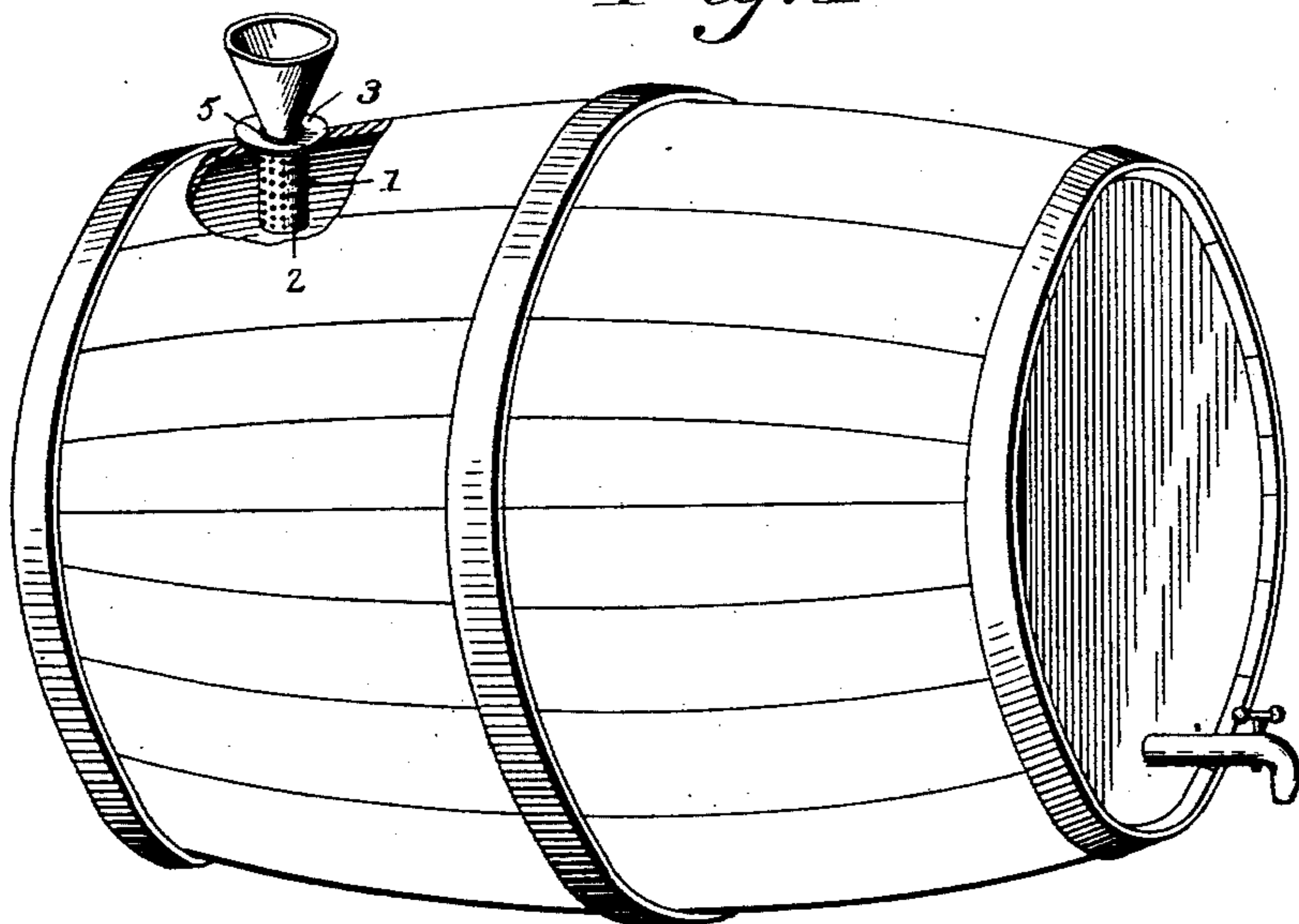


Fig. 2.

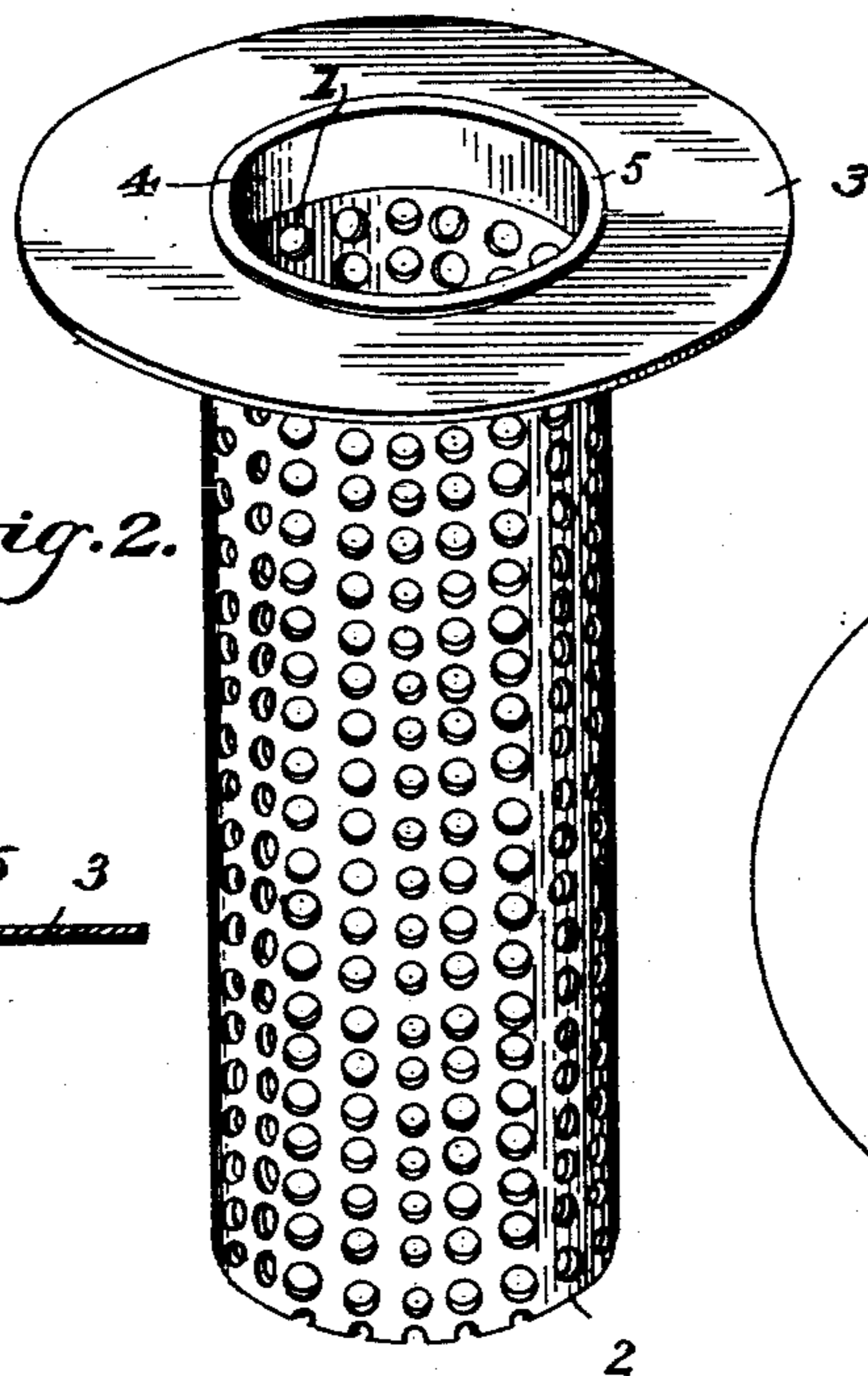


Fig. 3

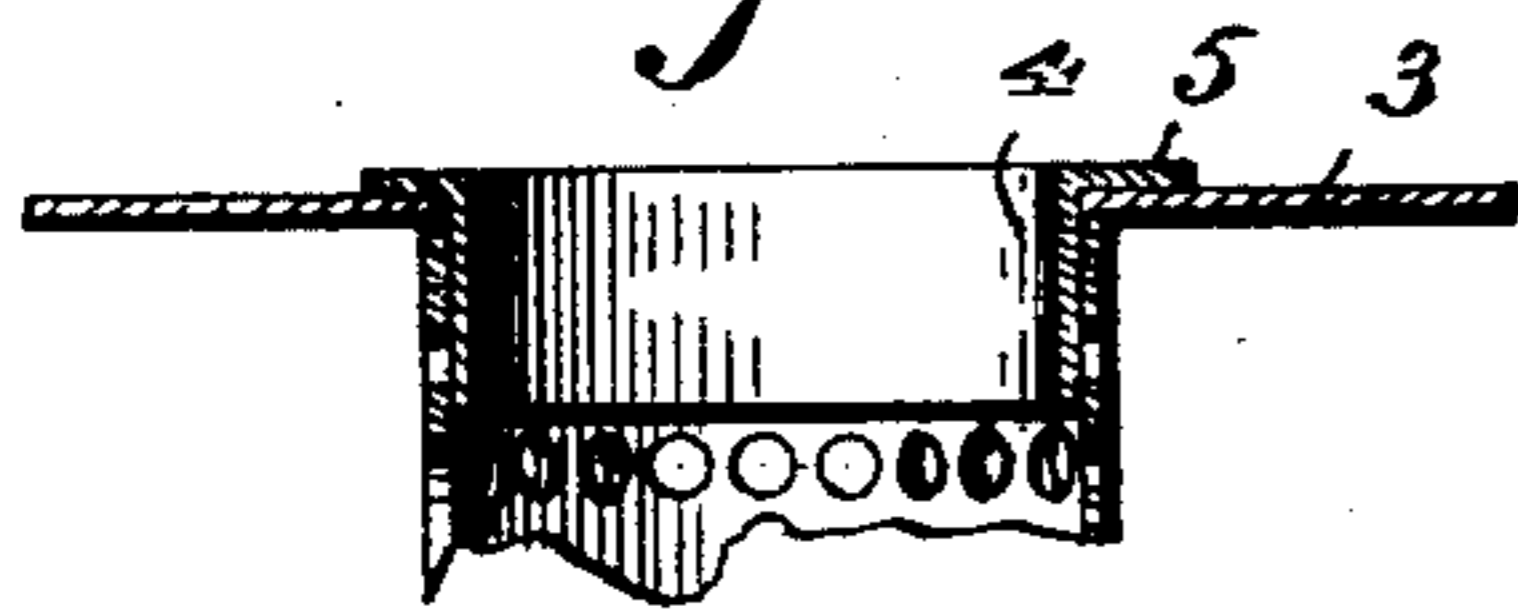
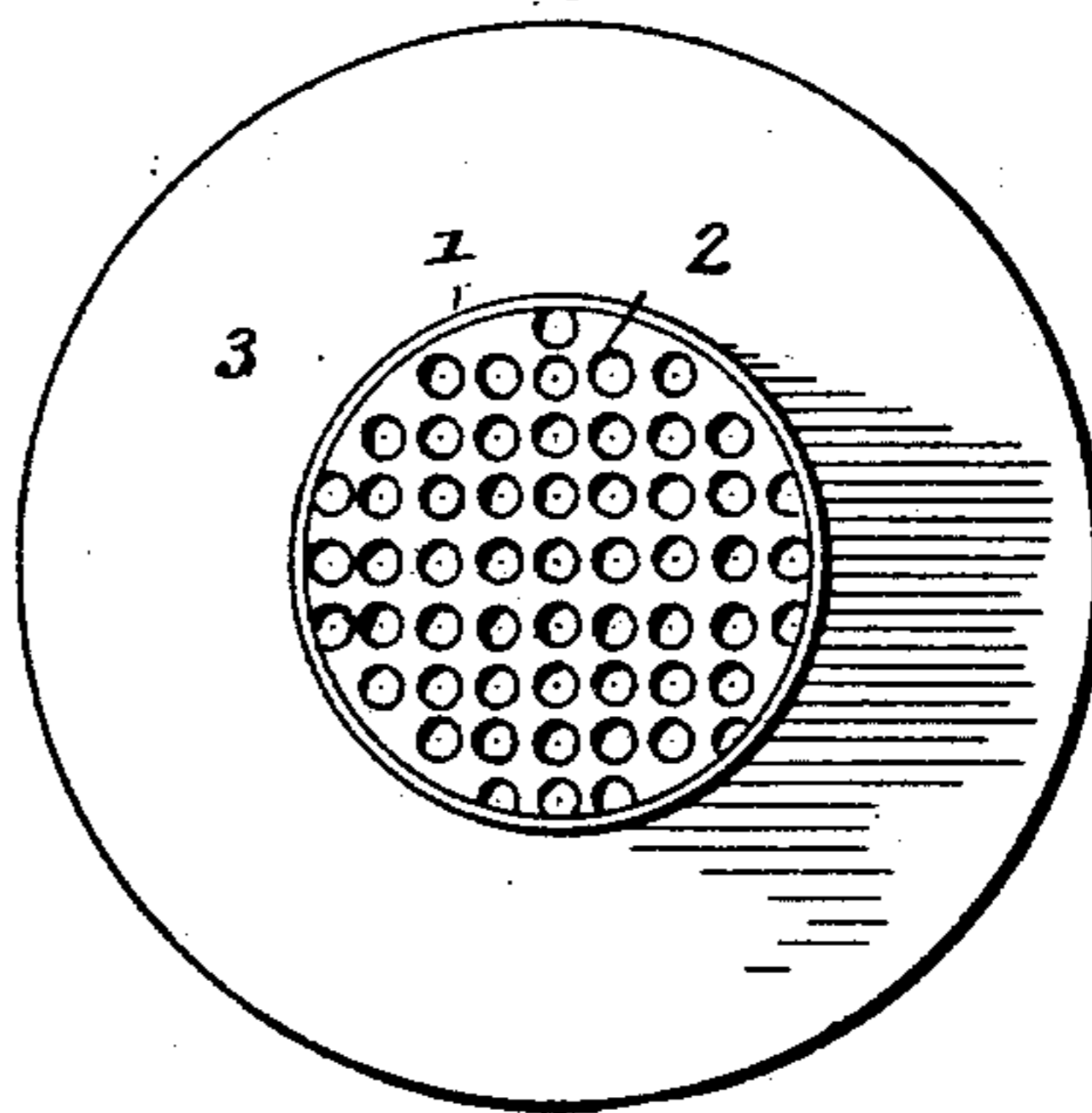


Fig. 4.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

FREDERIC B. POSTLETHWAITE, OF NATCHEZ, MISSISSIPPI.

STRAINER ATTACHMENT FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 520,168, dated May 22, 1894.

Application filed July 29, 1893. Serial No. 481,893. (No model.)

To all whom it may concern:

Be it known that I, FREDERIC B. POSTLETHWAITE, a citizen of the United States, residing at Natchez, in the county of Adams and State of Mississippi, have invented a new and useful Strainer Attachment for Barrels, of which the following is a specification.

The invention relates to improvements in strainer attachments for barrels.

10 The object of the present invention is to provide for molasses and similar barrels, a rigid straining receptacle designed to be placed in the bung-hole of a barrel to exclude flies and insects, and to receive a funnel after the latter has been used to allow heavy liquids and the like to drain into the barrel.

15 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings—Figure 1 is a perspective view of a barrel provided with a strainer attachment constructed in accordance with this invention, the barrel being partly broken away around the bung hole and a funnel being shown in the straining attachment. Fig. 2 is a detail perspective view of the strainer. Fig. 3 is a detail sectional view of the upper portion of the strainer. Fig. 4 is a reverse plan view of the strainer.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

35 1 designates a strainer or straining attachment designed to be placed in the bung hole or vent opening of a barrel, and consisting of a rigid cylindrical body having an open top and a closed bottom 2 and provided at its top with an outwardly extending annular supporting flange 3 adapted to rest upon the barrel around the bung hole or vent opening to hold the strainer in proper position.

45 The body of the strainer is constructed of foraminous sheet metal; and it is strengthened at the top with an inner cylindrical bush band 4 provided at its upper edge with an annular flange 5 resting upon and secured to the supporting flange 3. The cylindrical band 4 presents a smooth inner face, and

forms an annular solid portion at the top of the funnel, to enable, if desired, a bung to be put in place to close the vent or opening. This construction will enable the strainer to be shipped with the barrel, and in such case all that is necessary to do is to remove the bung.

The strainer is strong and durable, and is adapted to exclude from molasses and other barrels flies, gnats, and other insects; and it is adapted to receive and support a funnel after the latter has been used to allow the liquid to drain back into the barrel, thereby saving considerable of the contents of a barrel which would otherwise be wasted. It is of sufficient depth to receive the lower portion of a funnel and the bulged or conical upper portion thereof will close the upper end of the strainer and exclude insects therefrom. The strainer is entirely received within a barrel, and it does not present any superstructure, and its body possesses sufficient strength to withstand the strain incident to its use, and to prevent it from being injured by a carelessly inserted funnel.

It will be readily seen that the strainer attachment is simple and comparatively inexpensive in construction, that it is adapted to be readily placed in a bung hole or vent opening of a barrel to exclude insects, and that it also forms a receptacle for a funnel to allow the latter to drain after use.

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.

What I claim is—

The herein-described straining attachment for barrels consisting of a cylindrical strainer tube adapted to be supported entirely inside of a barrel from the bung or vent hole thereof, said cylindrical tube being constructed of stout sheet metal and having a perforate bottom and sides and open at the upper end that is adapted to be fitted in the bung or vent hole, an imperforate annular supporting flange separately attached to the upper end of said tube and adapted to rest on the barrel around the bung or vent hole thereof, and

a smooth metallic bush band 4, fitted within the upper open end of said cylindrical strainer tube and provided at its outer edge with an annular flange engaging over the upper edge
5 of the tube and resting on the annular supporting flange thereof, said metallic bush band being adapted to receive the contact of an ordinary funnel the spout of which is designed to be inclosed within the said strainer
10 tube, and also to interchangeably receive

with said funnel a bung or other closure, substantially as set forth.

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

FREDERIC B. POSTLETHWAITE.

Witnesses:

B. S. CHASE,
HENRY LATHROP.