

No. 757,167.

PATENTED APR. 12, 1904.

C. C. WOODS.
COVER FOR PACKING VESSELS.
APPLICATION FILED JULY 8, 1903.

NO MODEL.

Fig. 1.

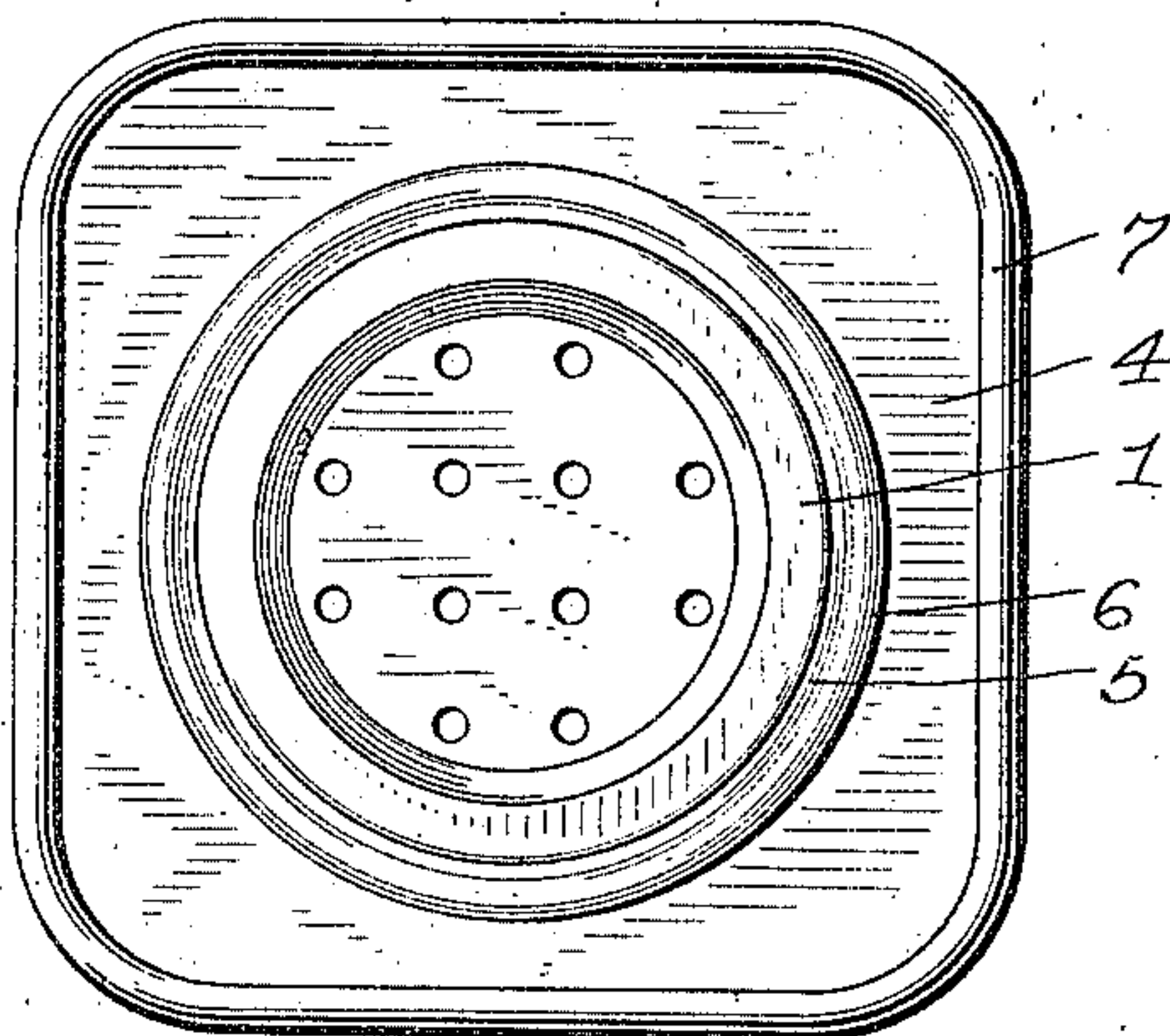
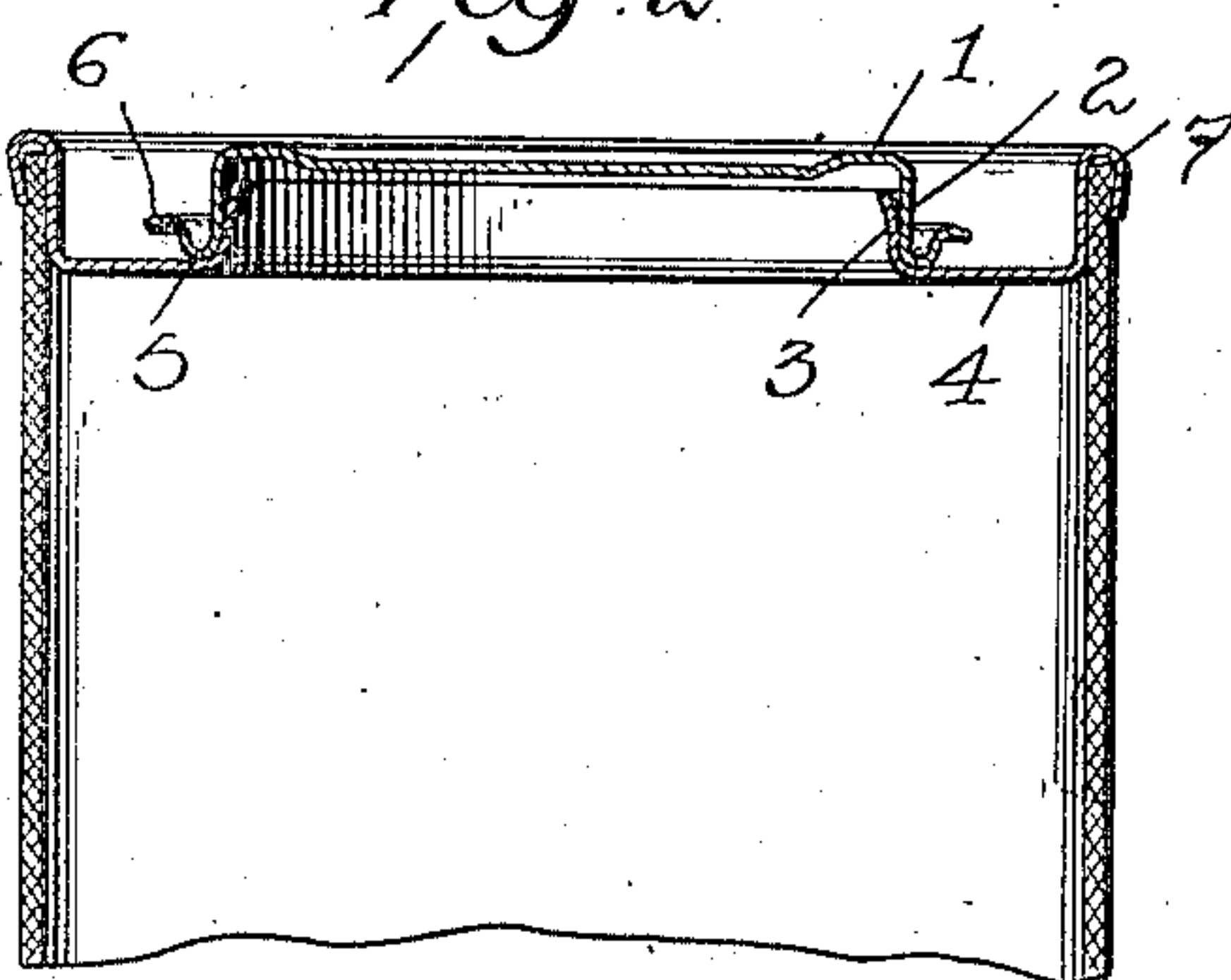


Fig. 2.



Attest:

C. M. Middleton

James M. Spear

Inventor
Charles C. Woods.

by *Ellis Spear & Company*
attys.

UNITED STATES PATENT OFFICE.

CHARLES CHESEBROUGH WOODS, OF EASTON, PENNSYLVANIA, AS-
SIGNOR TO CANISTER MANUFACTURING COMPANY, OF EASTON,
PENNSYLVANIA.

COVER FOR PACKING VESSELS.

SPECIFICATION forming part of Letters Patent No. 757,167, dated April 12, 1904.

Application filed July 8, 1903. Serial No. 164,710. (No model.)

To all whom it may concern:

Be it known that I, CHARLES CHESEBROUGH WOODS, a citizen of the United States, residing at Easton, Pennsylvania, have invented certain new and useful Improvements in Covers for Packing Vessels, of which the following is a specification.

My invention relates to packing vessels, and particularly to means for closing the discharge-openings of said vessels.

The invention consists of the features and combination and arrangement of parts hereinafter described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a plan view of the head of a packing vessel with my improvement attached, and Fig. 2 is a central vertical section through the head with my invention applied thereto.

My invention relates more particularly to the style of cover known as "pry-off," and, as shown in the drawings, it consists of a cap or cover 1, having a depending flange 2, adapted to tightly fit a flange 3, extending upwardly from the head 4 of the packing vessel. The flange of the cover at its lower edge is turned upwardly, forming a rounded bead 5, and the edge of this is extended upwardly and laterally and thence downwardly, forming a curved rim or flange 6. The edge of this curved flange, as shown in Fig. 2, is located a slight distance above the upper surface of the head of the package, and the space thus provided is sufficient for the introduction of a suitable instrument beneath the flange by which the cap or cover may be pried off, the said instrument finding a fulcrum-bearing upon the upper edge 7 of the head of the package. It will be noticed that the pry-off flange is of special form and not only serves to afford a bearing

for the instrument to work against, but it stiffens the cap or covering and serves to maintain its shape. The rounded bead fits closely against the upper surface of the head and serves to make a tight closure, and in this respect it augments the closure formed by the contacting surfaces of the depending flange on the cover and the upwardly-extending flange on the head. This curved lower portion of the cover also facilitates the ready adjustment of the cover to the flange of the head, and it facilitates also the seating of the cap upon the flange and head. I do not wish to limit myself, however, to the precise relative arrangement of the cover and head.

It will be understood that I do not limit myself to any particular form of packing vessel, as this may be oblong, square, or other shape; nor do I limit myself to a cover having a flange extending continuously all around the same, as it will be obvious that a section of the flange may be used, if desired.

I claim as my invention—

In combination with a head for a packing vessel having an upwardly-extending flange surrounding an opening, a cap or cover having a depending flange to fit around the flange of the head, the said cap-flange being turned upwardly at its lower edge forming a rounded bead or lower edge, the said flange thence being bent outwardly and downwardly forming a concave rim surrounding the lower part of the said cap-flange, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES CHESEBROUGH WOODS.

Witnesses:

JAMES ADAMS,
R. W. DARNELL.