

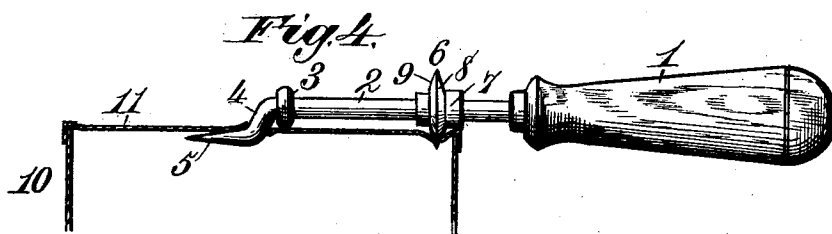
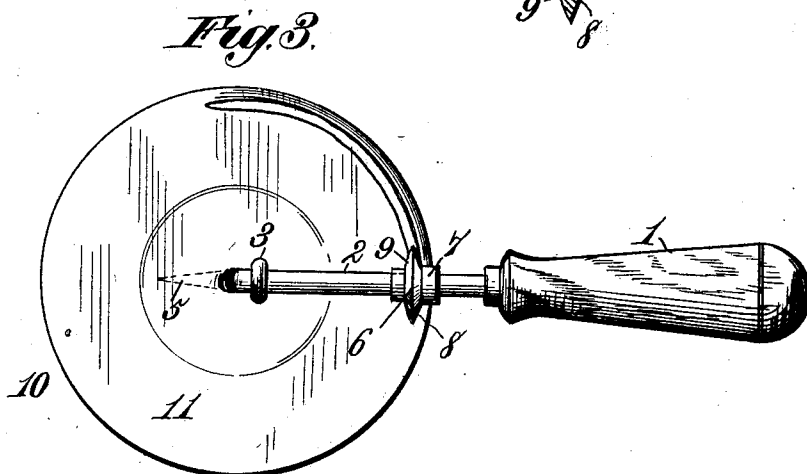
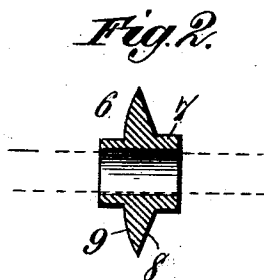
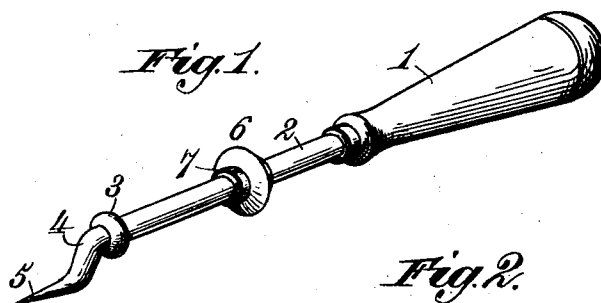
No. 697,634.

Patented Apr. 15, 1902.

F. KOTICK.
CAN OPENER.

(Application filed May 15, 1901.)

(No Model.)



Witnesses.
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UNITED STATES PATENT OFFICE.

FRANK KOTICK, OF LITTLEROCK, WASHINGTON.

CAN-OPENER.

SPECIFICATION forming part of Letters Patent No. 697,634, dated April 15, 1902.

Application filed May 15, 1901. Serial No. 60,355. (No model.)

To all whom it may concern:

Be it known that I, FRANK KOTICK, a citizen of the United States, residing at Little-rock, in the county of Thurston, State of Wash-
ington, have invented new and useful Im-
provements in Can-Openers, of which the fol-
lowing is a specification.

My invention relates to can-openers, more particularly of the rotary type wherein a cut-
ting-wheel is employed, and has for its object
to provide certain improvements in the con-
struction of the same, as will be hereinafter
more particularly described, and set forth in
the annexed claim, reference being had to
the accompanying drawings, in which—

Figure 1 is a perspective view of my im-
proved device. Fig. 2 is an enlarged detail
sectional view of the cutting-wheel. Fig. 3
is a top plan view of a can, showing my im-
proved opener applied thereto in the act of
opening the same. Fig. 4 is a central verti-
cal sectional view of said can, showing the
opener applied thereto.

Similar numerals of reference denote cor-
responding parts in the several views.

In the said drawings the reference-numeral
1 denotes the handle of the device, to which
is suitably attached a metallic stem 2, round
in cross-area, said stem being provided near
its outer end with a circular enlargement 3
and having its outer end, just beyond said
enlargement 3, bent downward at 4 and then
terminating in a sharp penetrating-point 5,
extending parallel with the body of said stem
2, but in different plane, as shown. Mounted
on said stem 2 and freely adjustable longitu-
dinally thereon is a cutting-wheel 6, the same
consisting of a hub 7, slightly larger on one
side of the cutting edge than on the other
side and a cutting edge having one side flat
at 8 and its other side slightly convex at 9.

From the above description the operation
of my improved construction will be under-
stood to be as follows: To open a can 10, the
sharp-pointed end 5 of the opener is forced
into the center of the top 11 thereof until it
reaches the enlargement 3, when by suitably
adjusting the cutting-wheel 6 longitudinally
on the stem 2 so that it will lie just within
the circumference of the top 11 and forcing

said wheel into the top 11 a circular piece
may be removed therefrom by rotating the
opener on the portion 4 as a center, as will
be readily understood.

It will be observed that when in the cut-
ting position the enlargement 3 and the larger
outer portion of the hub 7 are in contact with
the can-top, the latter resting thereon im-
mediately over the vertical cylindrical wall of
the can-body, which is not only the point of
greatest resistance offered by the can, but is
also the point where the greatest pressure is
applied to the opener, said enlargement 3 also
acting as a stop for the stem 2 when being in-
serted into the top, while the hub 7 also acts
as a stop to limit the penetration of the cut-
ting edge of the wheel 6.

By forming the wheel 6 straight on its inner
side and convex on its outer side I find that
the tendency of the cutting-wheel to shift to-
ward the center of the can-top during the cut-
ting operation is obviated, the convex side
imparting to it a tendency toward the edge
of the can-top, which is of course neutralized
by the vertical wall of the can-body, thus
causing the said wheel to remain stationary
with respect to longitudinal movement on the
stem 2 and to describe a true circle.

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

A can-opener, consisting of a handle, a stem
having an enlargement near its outer end, a
bent portion just beyond said enlargement,
and terminating in a sharp penetrating-point,
and a rotating cutting-wheel mounted and
longitudinally shiftable on said stem and con-
sisting of a cutting edge and a hub adapted
to contact with the can-top to limit the pene-
tration of said cutting edge, said wheel hav-
ing a convex outer face and a straight inner
face.

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

FRANK KOTICK.

Witnesses:

CHAS. M. DIAL,
W. J. AGNEW.