

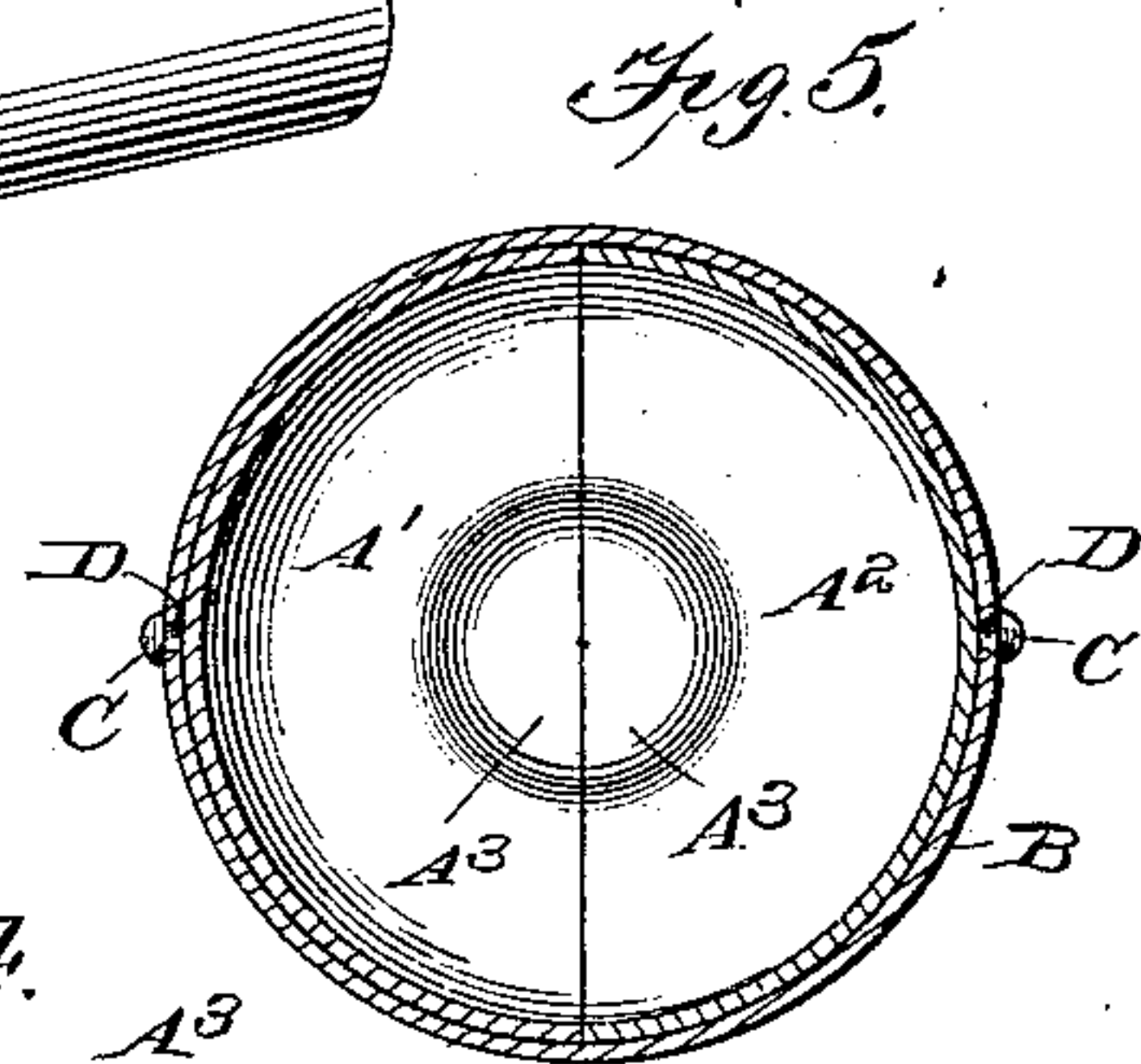
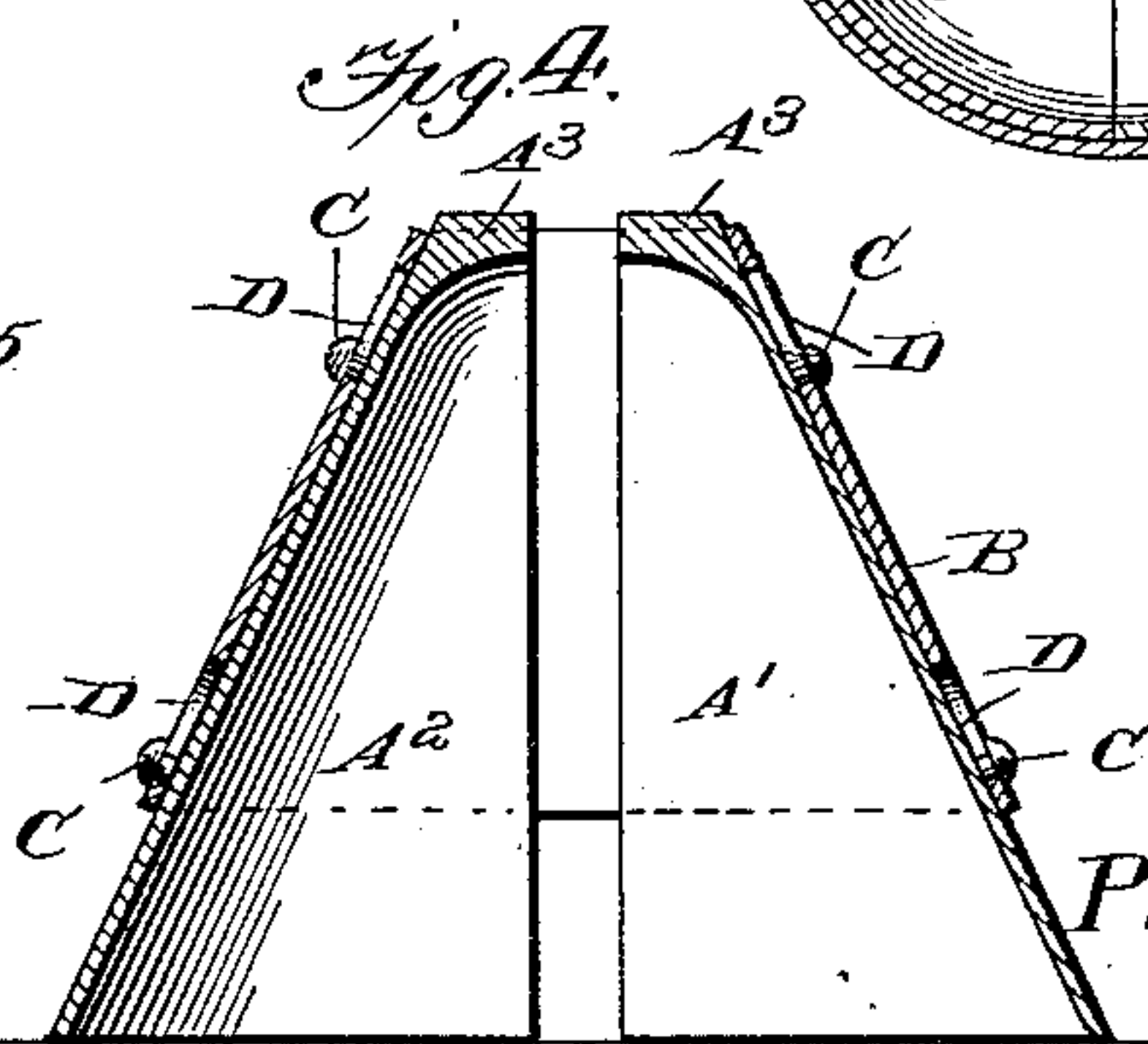
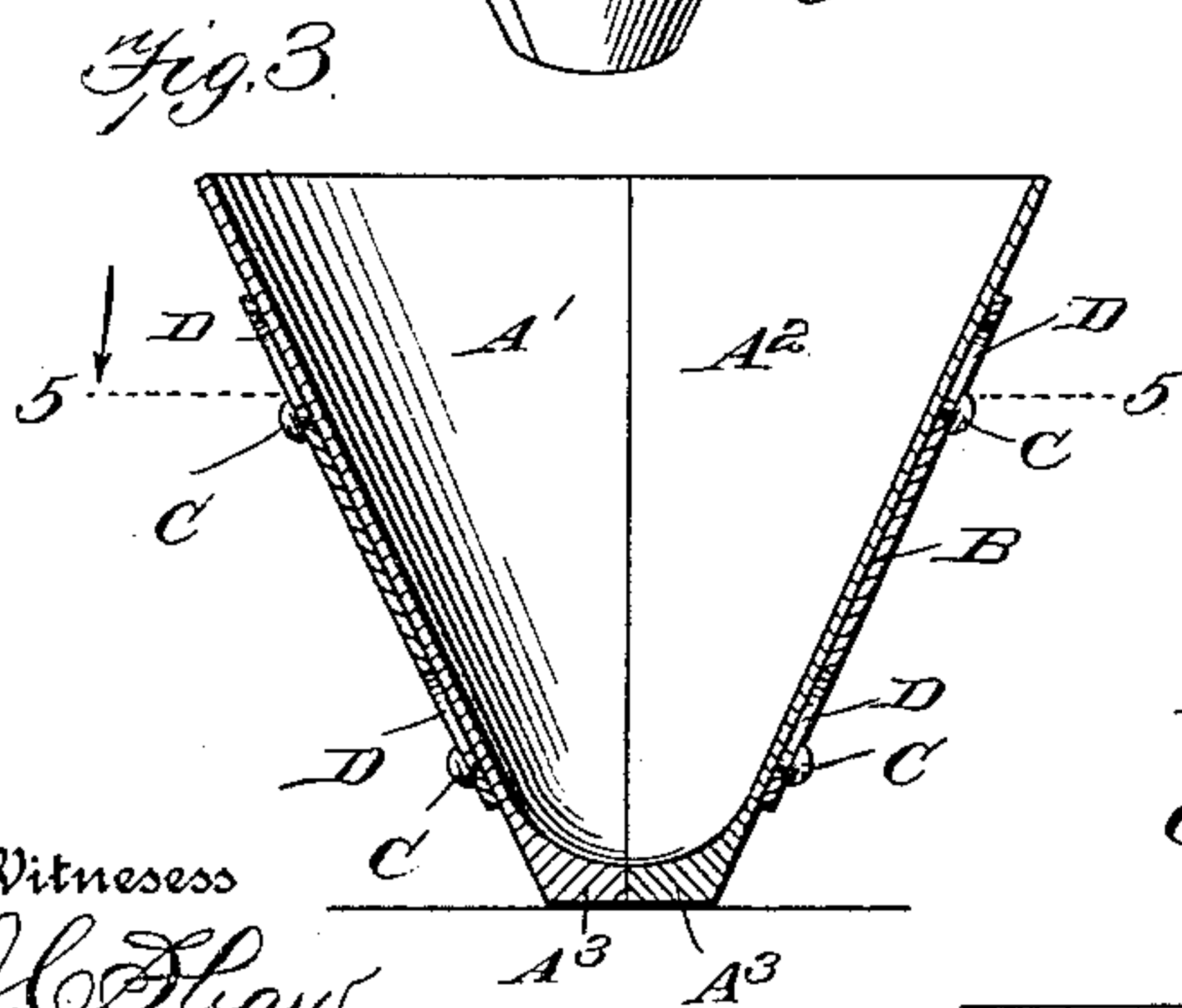
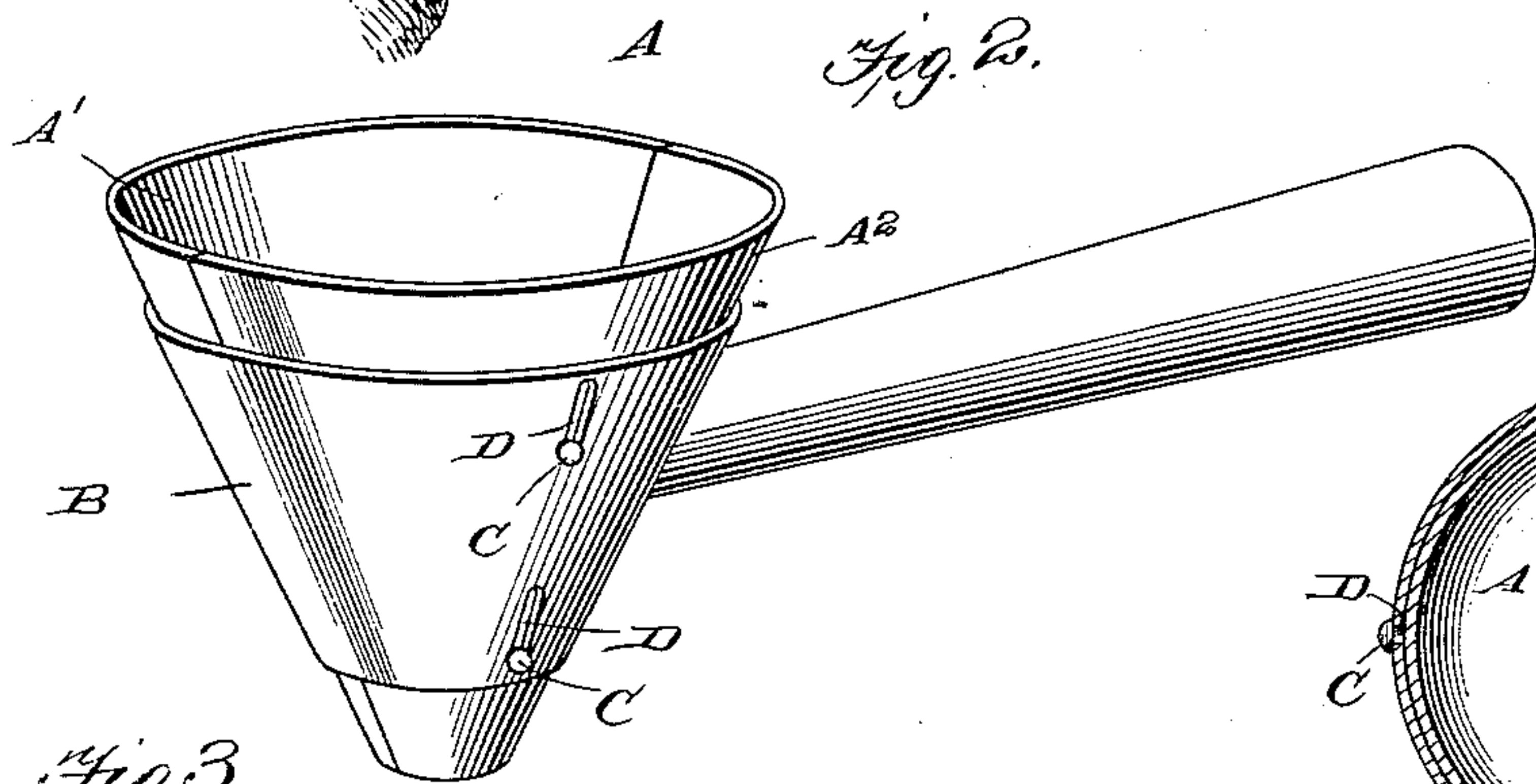
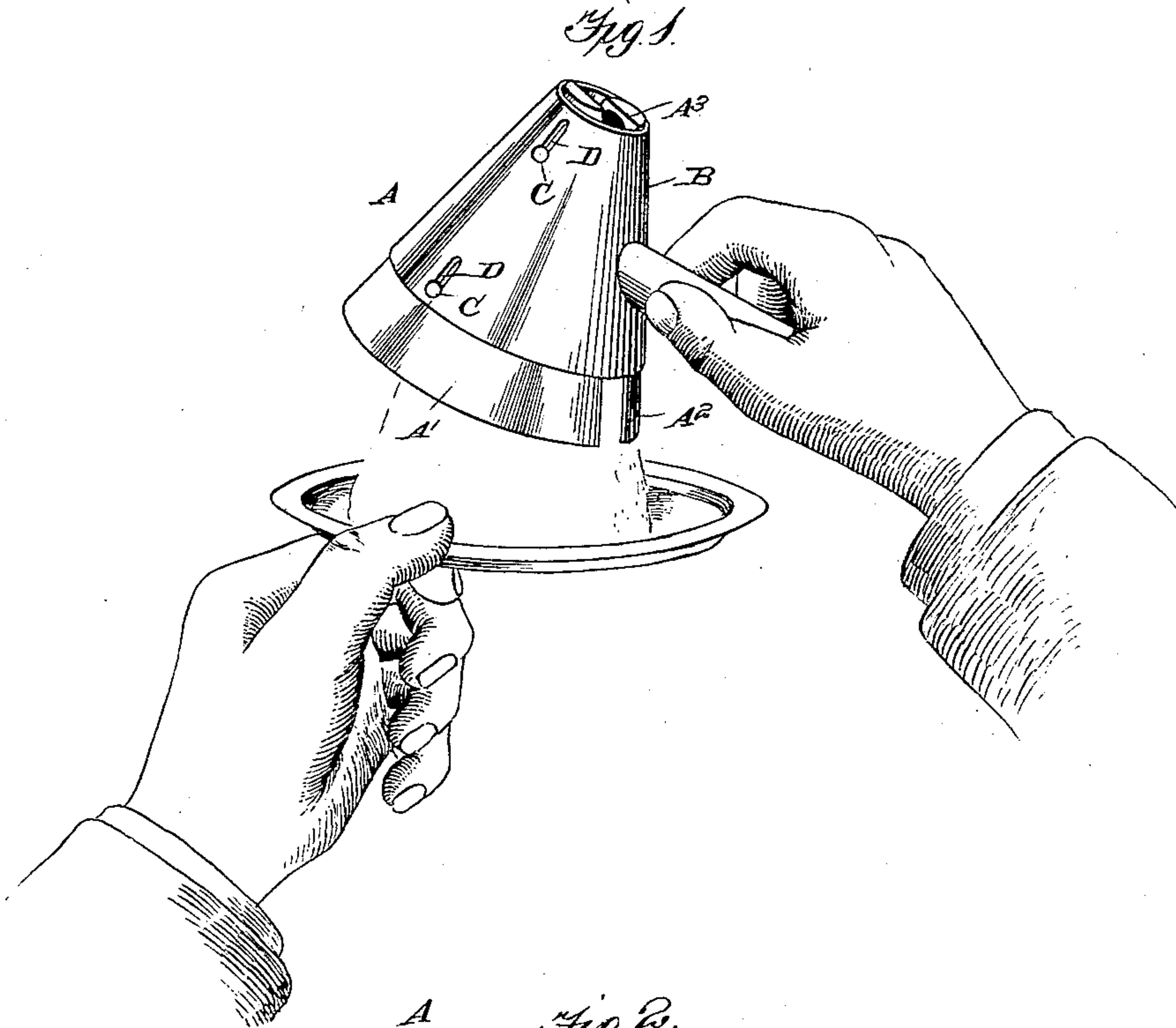
No. 618,205.

Patented Jan. 24, 1899.

P. HOWELL.
ICE CREAM DISHER OR DIPPER.

(Application filed Oct. 23, 1897.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

PHILIP HOWELL, OF FRANK, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS
TO M. J. THOMPSON AND A. M. PATTERSON, OF BUENA VISTA, PENN-
SYLVANIA.

ICE-CREAM DISHER OR DIPPER.

SPECIFICATION forming part of Letters Patent No. 618,205, dated January 24, 1899.

Application filed October 23, 1897. Serial No. 656,153. (No model.)

To all whom it may concern:

Be it known that I, PHILIP HOWELL, resid-
ing at Frank, in the county of Allegheny and
State of Pennsylvania, have invented certain
5 new and useful Improvements in Ice-Cream
Dishers or Dippers, of which the following is
a specification.

This invention is an ice-cream disher or
dipper for transferring ice-cream from the
10 freezer to a plate or glass, and is particularly
adapted for the use of confectioners and drug-
gists.

The object of the invention is to provide a
disher or dipper of the kind described which
15 can be operated or used with one hand only.

Another object is to provide a disher or
dipper from which the ice-cream will be au-
tomatically discharged by simply turning the
dipper-mouth downward, thereby avoiding
20 the necessity of operating any scraping or
cleaning mechanism required in all dippers
of which I am now aware.

Another object is to construct a dipper em-
bodying these characteristics and consisting
25 of a minimum number of parts, thereby less-
ening the danger of getting out of order or
becoming inoperative.

With these objects in view my invention
consists, essentially, in the employment of a
30 separable or expansible scoop or dipper.

My invention consists, further, in construct-
ing the scoop or dipper in two sections and
supporting said sections in a suitable holder
in such a manner that they will separate by
35 gravity when the scoop or dipper is turned
mouth downward, thereby automatically re-
leasing or discharging the ice-cream contained
therein.

My invention consists also in a scoop or dip-
40 per composed of two sections slidably or mov-
ably mounted within a suitable holder and
means for connecting said scoop and holder
whereby said sections will be brought to-
gether when the apex of the scoop is turned
45 downward and separated when the apex is
turned upward, and my invention also in-
cludes making the apex slightly heavier in
order to facilitate the automatic operation of
the scoop or dipper.

50 My invention consists also in certain de-

tails of construction and novelties of combina-
tions hereinafter fully described, and pointed
out in the claims.

In the drawings forming part of this speci-
fication, Figure 1 is a view showing the gen- 55
eral manner of using my invention. Fig. 2
is a perspective view of the dipper or disher
ready for use. Fig. 3 is a transverse vertical
section taken through the scoop and holder,
the sections of the scoop being together, the 60
apex thereof being turned downward. Fig.
4 is a similar section showing the sections of
the scoop separated, the apex being turned
upward. Fig. 5 is a horizontal section on the
line 5 5 of Fig. 3, looking in the direction of 65
the arrow.

In constructing an ice-cream disher or dip-
per in accordance with my invention I em-
ploy a scoop or dipper proper, A, which is es-
sentially conical or funnel-shaped and is di- 70
vided longitudinally or axially into two sec-
tions A' and A².

The scoop or dipper is slightly truncated,
each section being made somewhat heavier
at the apex, as most clearly shown at A³ in 75
Figs. 3 and 4, for the purpose of facilitating
the opening and closing operations of the
sections.

The sectional scoop or dipper A is arranged
within a truncated conical holder B, each sec- 80
tion of the scoop or dipper being secured to
the holder by means of suitable headed
screws or pins C, which work in the slots D,
produced in the holder, whereby the sectional
scoop or dipper has a limited movement up 85
and down within the holder and by means
of which the sections are brought together or
separated, as most clearly shown in Figs. 3
and 4.

Any suitable construction of handle may 90
be attached to the holder in any desired man-
ner. Now in use the disher or dipper con-
structed as described is held in one hand
and dipped into the cream the same as an or-
dinary spoon. During this operation the sec- 95
tions of the scoop are closed and said scoop
or dipper is filled with cream. The dipper or
disher is then reversed, so that the mouth of
the scoop is thrown downward, and this op-
eration causes the sections of the scoop to 100

drop and separate, thereby expanding the scoop or dipper to such an extent as to entirely release the cream contained therein. The action of the scoop or dipper proper, it
5 will be readily seen, is thoroughly automatic, inasmuch as the sections are closed the moment the apex is thrown downward and also automatically opened the moment the apex is thrown upward.

10 The device as a whole is exceedingly cheap and simple in construction and there is little or no danger of any of the parts getting out of order, and by increasing the weight of the apex the operations of the sections are greatly
15 facilitated.

It will thus be seen that I provide an exceedingly cheap, simple, and efficient construction of ice-cream disher or dipper which will successfully carry out all of the objects
20 for which it is intended.

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

1. An ice-cream disher or dipper having a

sectional scoop, and a holder in which said
25 sections are arranged and adapted to move together and apart, the apex of the said scoop being weighted to facilitate the movement of the sections, substantially as shown and de-
30 scribed.

2. An ice-cream disher or dipper having a scoop composed of sections, a holder in which said sections are arranged, pins or screws for connecting the holder and sections, said pins
35 or screws working in slots in the holder, the apex of the scoop being weighted, substantially as and for the purpose set forth.

3. An ice-cream disher or dipper comprising a scoop composed of sections, a holder in which the said sections are arranged, screws
40 or pins working in the slots in the holder for securing the sections within said holder, and a suitable handle attached to the holder, substantially as shown and described.

PHILIP HOWELL.

Witnesses:

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