

No. 699,438.

Patented May 6, 1902.

C. B. BALDWIN.
BOX.

(Application filed Feb. 7, 1901.)

(No Model.)

Fig. 1.

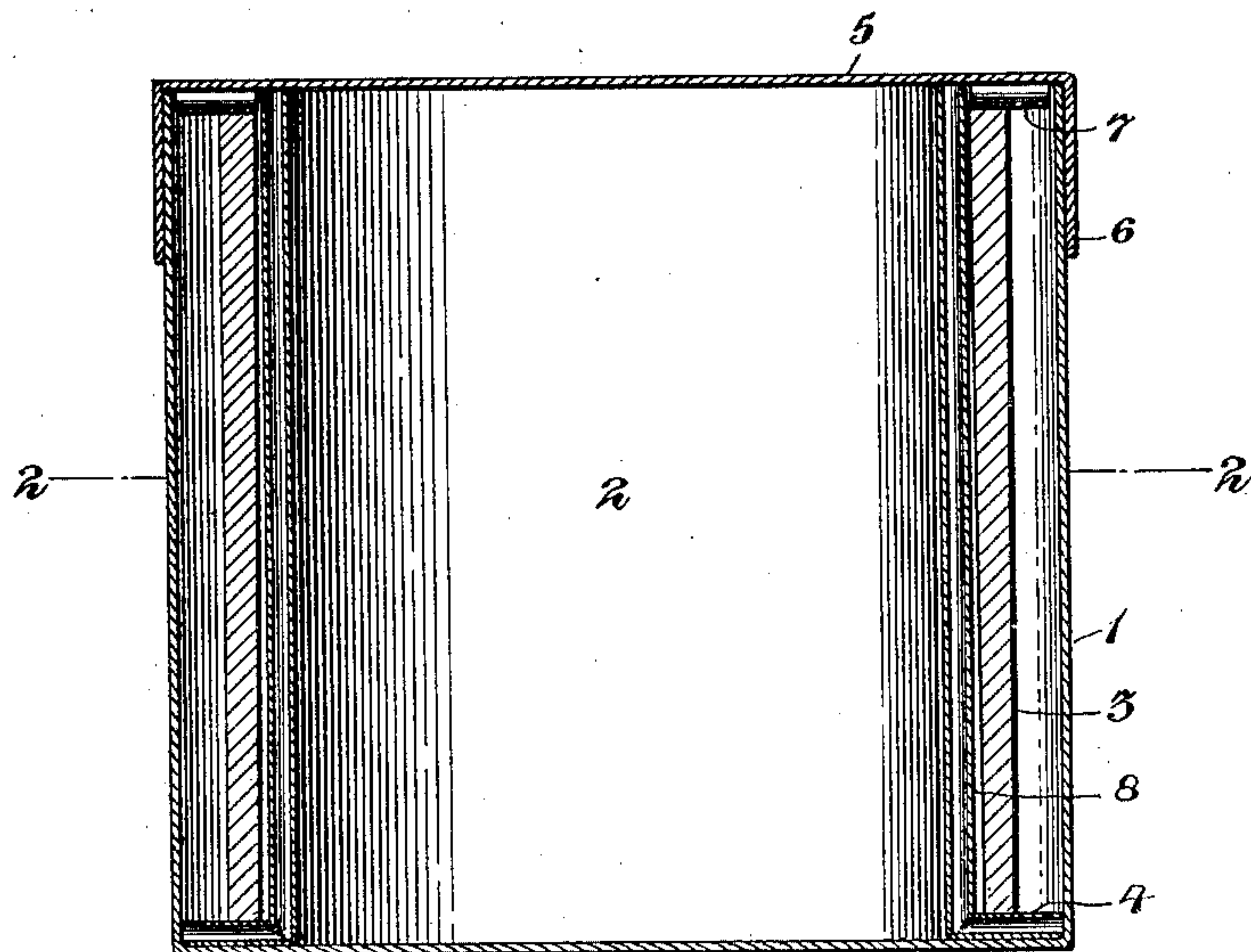


Fig. 2.

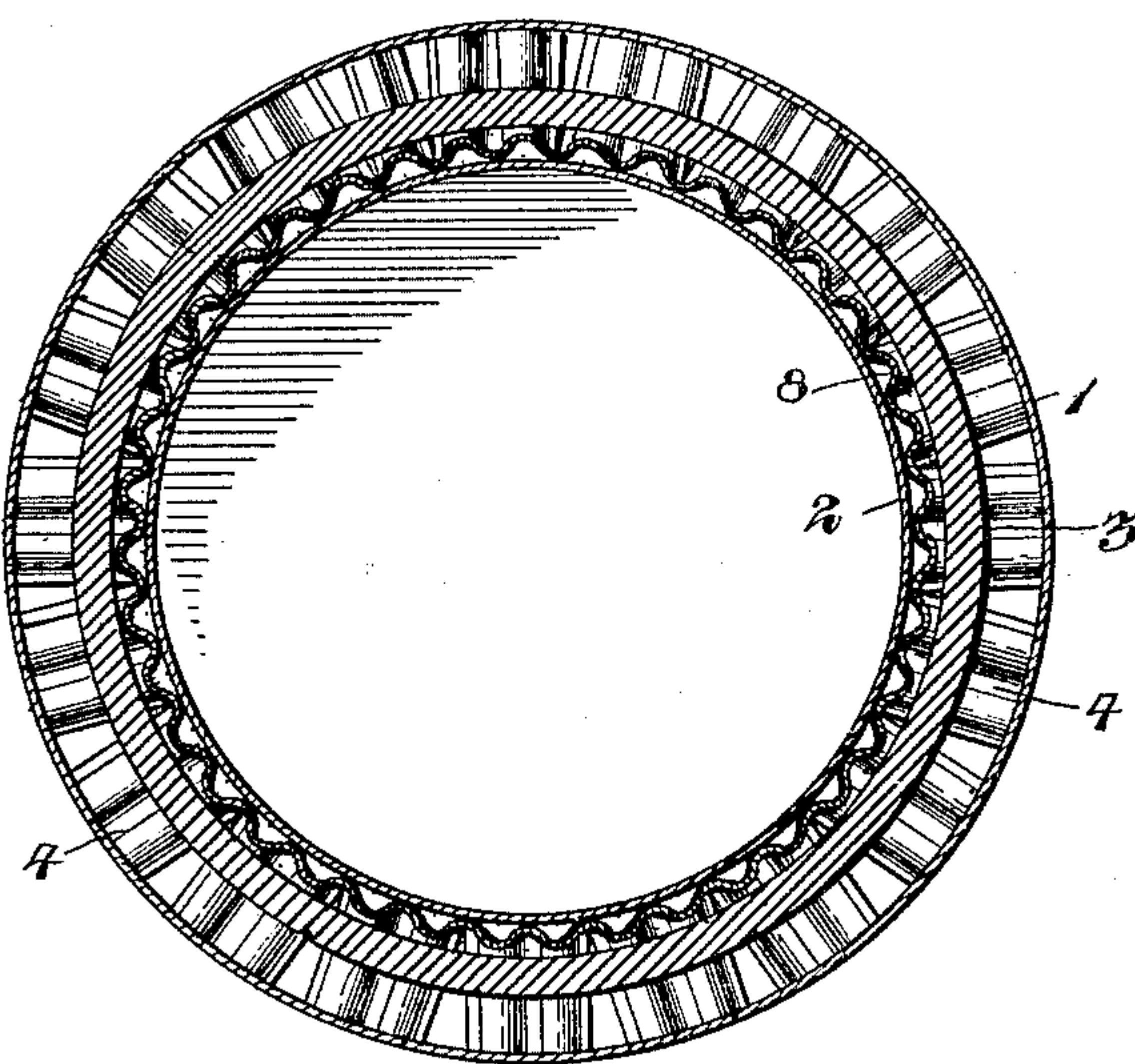
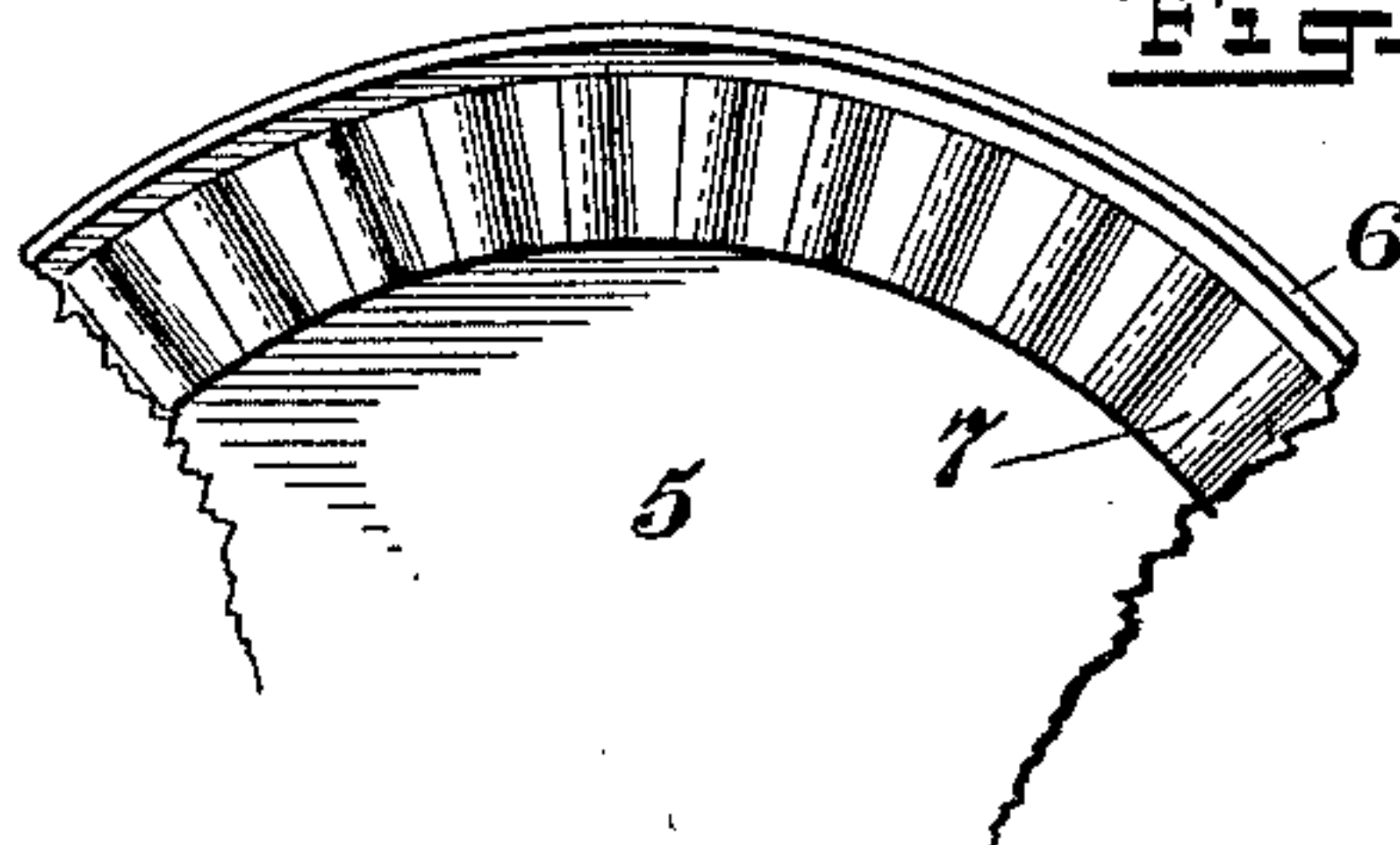


Fig. 3.



WITNESSES:

Geo. W. Taylor.
H. E. Bane.

INVENTOR

Charles B. Baldwin

BY

Chas. F. Bane

ATTORNEY

UNITED STATES PATENT OFFICE.

CHARLES B. BALDWIN, OF BROOKLYN, NEW YORK.

BOX.

SPECIFICATION forming part of Letters Patent No. 699,438, dated May 6, 1902.

Application filed February 7, 1901. Serial No. 46,459. (No model.)

To all whom it may concern:

Be it known that I, CHARLES B. BALDWIN, a citizen of the United States, and a resident of New York, borough of Brooklyn, Kings county, State of New York, have invented new and useful Improvements in Boxes, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

10 This invention relates to boxes, and has particular reference to that class of boxes intended to contain phonograph or graphophone record-cylinders. Because of the composition of which such record-cylinders are made great
15 care has to be exercised in their handling and shipping in order to prevent damage or breakage to the same; and it has been the object of my invention to provide a box of cheap and simple construction in which such record-
20 cylinders may be safely contained and supported when not in use or when being transported without liability of damage or breakage.

25 The invention will be hereinafter described in detail, and particularly pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a vertical cross-section through a box embodying my invention with a record-
30 cylinder contained therein. Fig. 2 is a horizontal cross-section through line 2 2 of Fig. 1, and Fig. 3 is a detail view showing a portion of the under side of the box-cover.

In said drawings, 1 indicates the body of
35 my improved box, which is preferably formed of cardboard, although any other suitable material may be employed in its construction. This box is preferably made circular in form, so as to conform to the shape of the record-
40 cylinder which it is intended to contain, and is provided with a centrally-arranged tube 2, secured therein, over which the record-cyl-
45 inder (indicated at 3) is adapted to fit when placed in the box, the space between the tube and the inner wall of the box being sufficiently
50 wide to prevent contact of the outer face of the record with the box. The tube 2, in accordance with my invention, is provided with an outer face of corrugated paper or similar
55 material 8, as most clearly shown in Fig. 2, and is secured in position by means of out-
wardly-turned portions 4 at its lower end,

which are firmly glued or otherwise secured to the bottom of the box. These outwardly-
turned portions or extensions 4 of the tube 55
are formed by slitting the lower end of the lat-
ter at certain distances apart and then bend-
ing outwardly the parts between such slits,
as shown. This method of attaching the tube
to the box is both cheap and simple and at 60
the same time insures the tube being firmly
held in position.

A further and most important feature of the described construction of the tube 2 and its
outwardly-turned extensions 4 is that the cor- 65
rugated face of the tube serves to form an
elastic or yielding support to the record-cyl-
inder as against any lateral movement of the
same, while the upper corrugated faces of the
extensions 4 afford an elastic or yielding bear- 70
ing for the lower end of the record-cylinder
to rest upon.

The cover of the box, which comprises the
usual top plate 5 and outer rim or flange 6, is
provided, in accordance with my invention, 75
with a ring of corrugated paper or similar
material 7 on its under side, which registers
in position with the space between the tube
and the outer wall of the box, so as to enter
and fit therein when the cover is placed on 80
the box and engage with the upper end of the
record-cylinder. In this manner the record-
cylinder will have a yielding or cushioned
bearing-surface at its opposite ends. The
said corrugated ring 7 on the under side of 85
the cover in addition to providing a cushion
for the upper end of the record-cylinder when
placed in position also engages with the up-
per end of the tube 4 at its outer edge and
retains the same in proper form. 90

Having thus set forth my invention, what I claim, and desire to secure by Letters Patent, is—

1. A box of the character described, comprising the box proper, a tube located within
said box provided with integral outwardly- 95
projecting extensions at its lower end secured
to the bottom of the box, the said extensions
being corrugated and presenting a yielding
surface or cushion, and a cover for the box. 100

2. A box of the character described, comprising the box proper, a tube secured with-
in said box to receive a record-cylinder there-
over, a yielding cushion located in the bot-

tom of the box around the lower end of said tube, and a cover having an annular cushion on its under side extending, when the cover is in position, around the upper end of the
5 tube and engaging with its outer side, for the purpose set forth.

3. A box of the character described, comprising the box proper, a tube located centrally within said box with an annular opening or space between the same and the inner
10 wall of the box, a cushion of yielding material located in the bottom of the box around the lower end of said tube, and a cover having an annular cushion on its under side which
15 registers with the said annular opening in the box and engages at one edge thereof with the side of the tube at its upper end, for the purpose set forth.

4. A box of the character described, comprising the box proper, a tube located within
20 said box to receive a record-cylinder thereover and being provided with an outer face of corrugated paper or similar flexible mate-

rial for contact with the record-cylinder, the said tube being also provided with integral
25 outwardly-projecting extensions at its lower end secured to the bottom of the box and presenting an upper corrugated yielding surface for the lower end of the record-cylinder to rest upon, and a cover having an annular
30 strip of corrugated paper or similar yielding material on its under side for engaging with the upper end of the record-cylinder.

5. A box of the character described, comprising the box proper, a tube secured within
35 said box, a yielding cushion located in the bottom of the box around the lower end of said tube, and a cover having an annular cushion on its under side extending, when the cover is in position, around the upper
40 end of the tube.

CHAS. B. BALDWIN.

Witnesses:

CHAS. F. DANE,
H. E. DANE.