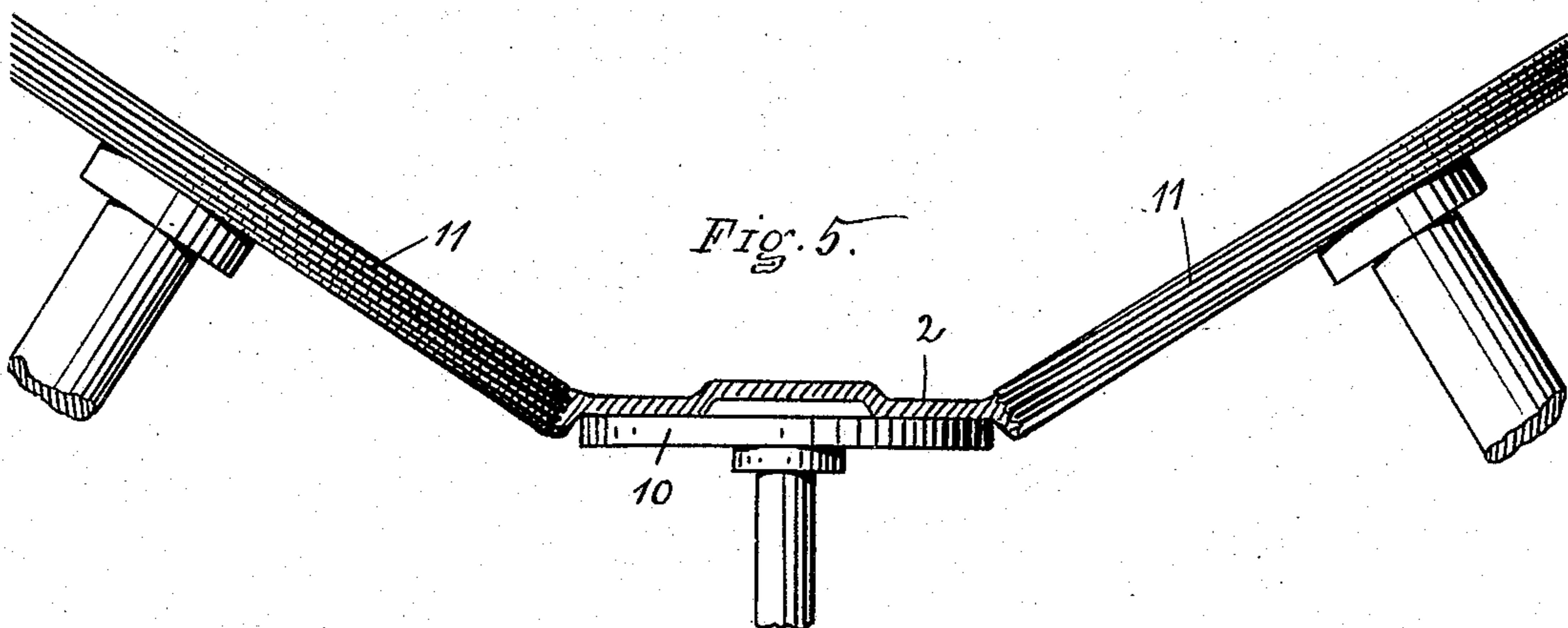
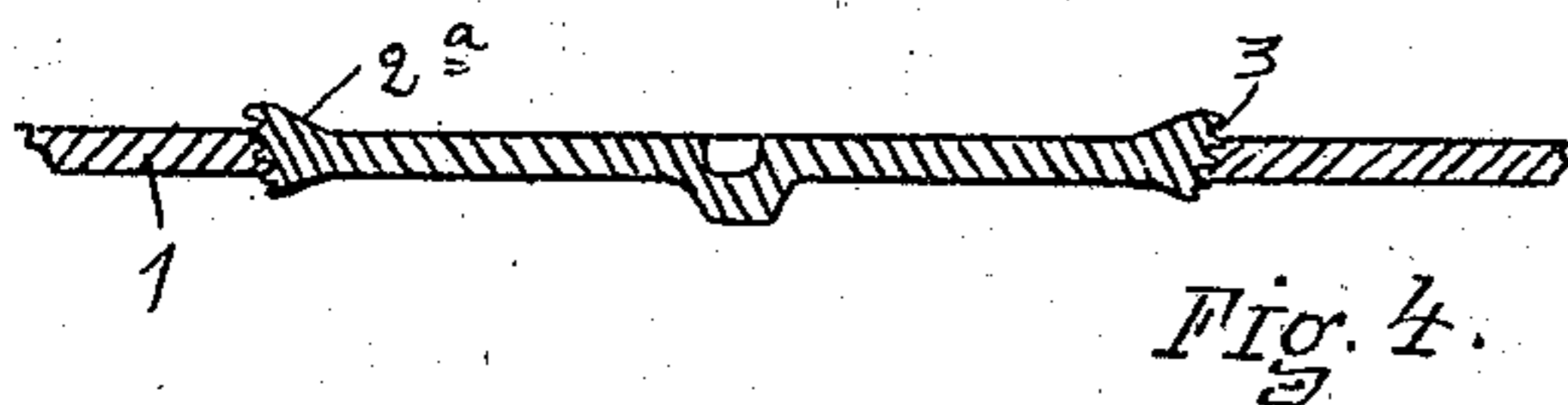
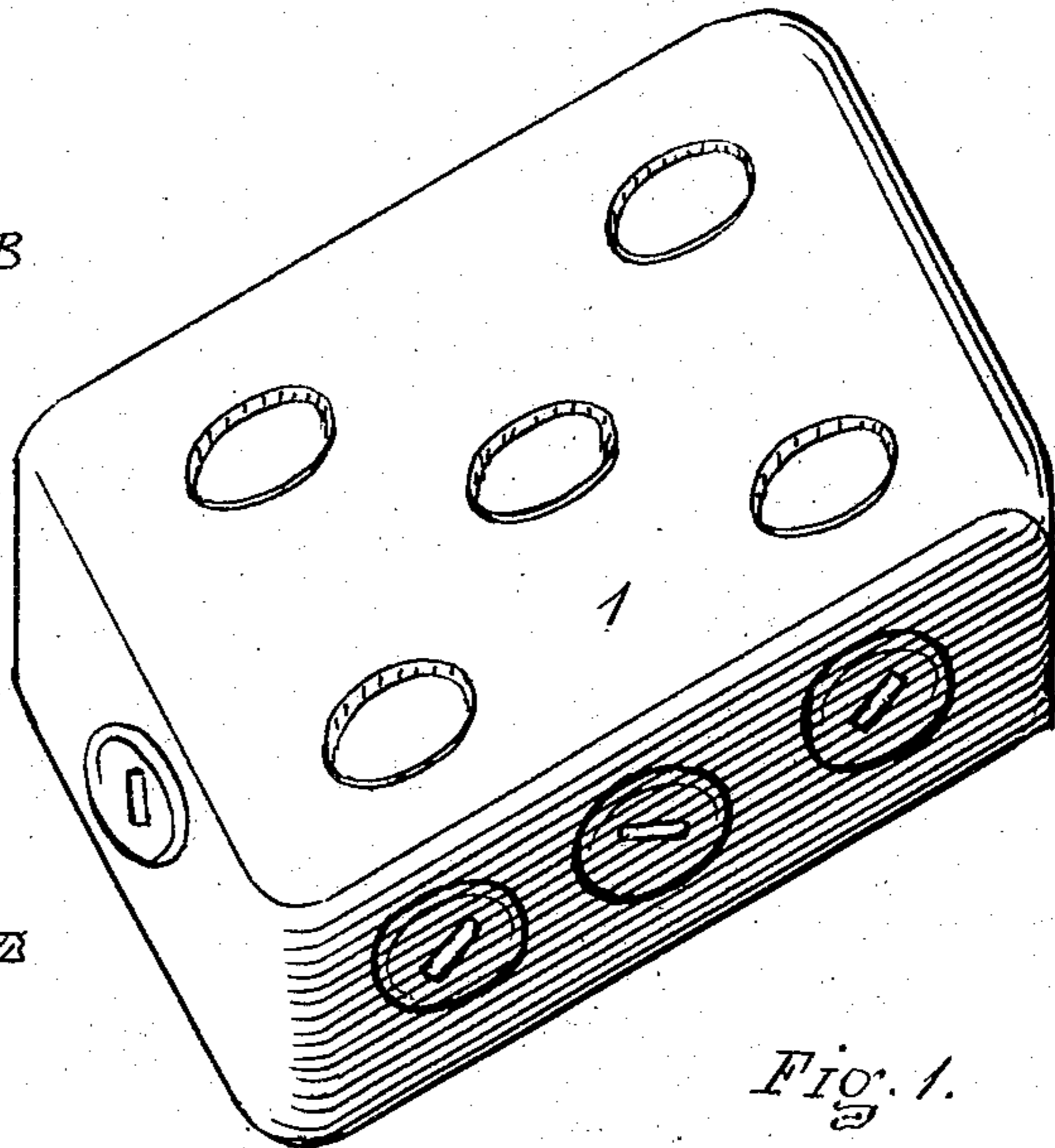
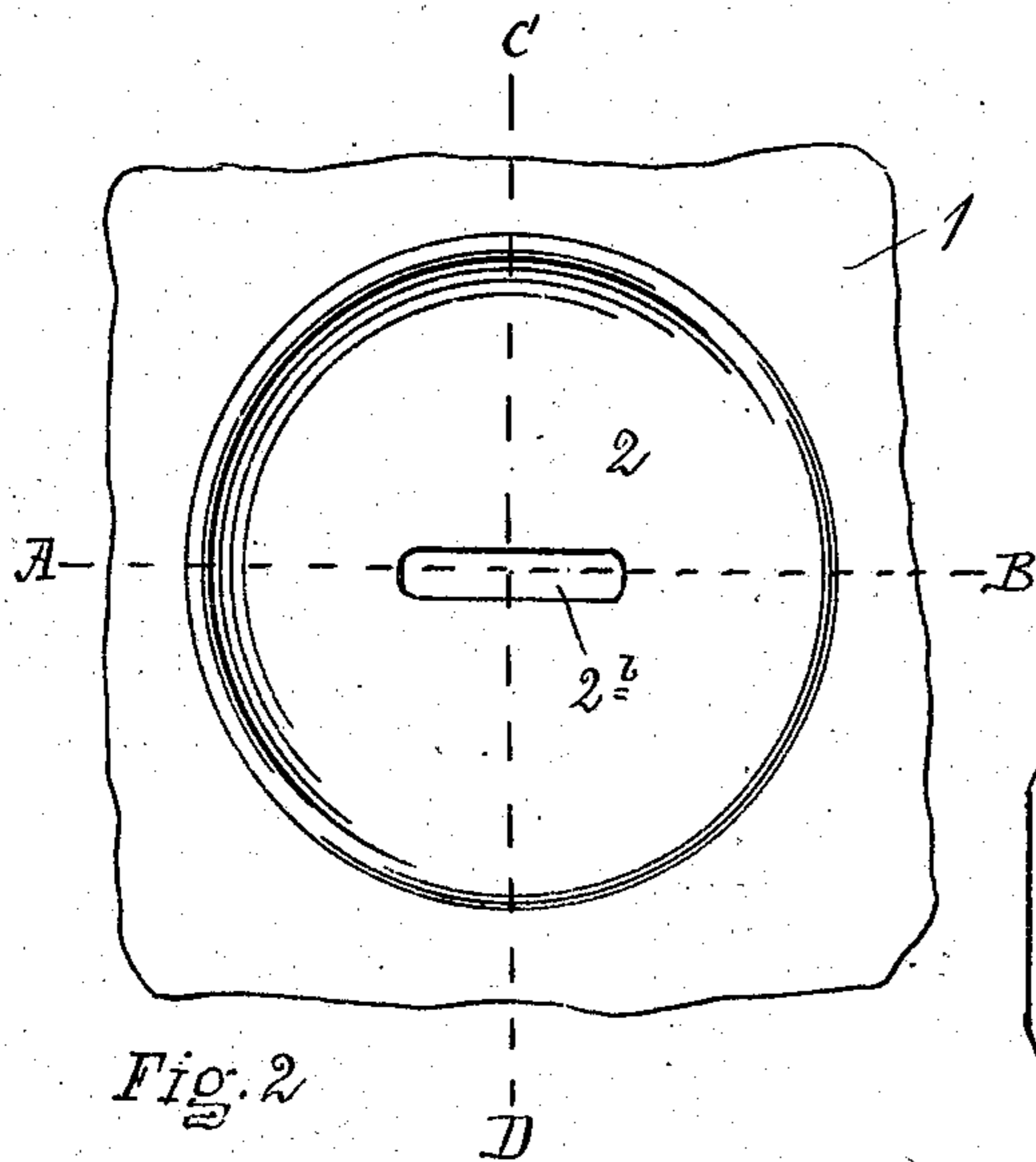


C. T. PRATT.
OUTLET OR JUNCTION BOX.
APPLICATION FILED FEB. 15, 1907.

936,809.

Patented Oct. 12, 1909.



WITNESSES
Rich. A. George
Geo. E. Rendell.

INVENTOR
CHARLES T. PRATT
By Robinson, Martin & Jones
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES T. PRATT, OF FRANKFORT, NEW YORK.

OUTLET OR JUNCTION BOX.

936,809.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed February 15, 1907. Serial No. 357,467.

To all whom it may concern:

Be it known that I, CHARLES T. PRATT, of Frankfort, in the county of Herkimer and State of New York, have invented certain
5 new and useful Improvements in Outlet or Junction Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to
10 make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form part of this specification.

The object of my invention is to provide
15 an improved closure for openings in outlet or junction boxes, which is effective and well adapted both in its application and removal to its purpose.

Figure 1 shows a perspective view of an
20 outlet or junction box having a number of my closures applied. Fig. 2 is an enlarged detail showing a plan view of a closure. Fig. 3 is a section taken on line A—B of Fig. 2. Fig. 4 is a section taken on line
25 C—D of Fig. 2. Fig. 5 is a detail showing the method of forming or producing in part the closure referred to.

Referring to the reference letters and figures in a more particular description, 1 indicates the body of the box which is preferably of drawn sheet metal, ordinarily about one-sixteenth of an inch in thickness. This box is provided with a number of suitably located openings in its walls for the reception of the end of the ordinary electric wire
35 conduit. These openings are screw-threaded and are adapted to receive the plate closures 2 which are of disk form, having a thickened edge 2^a formed to a bevel or angle, as
40 though they were a section of a cone, and externally screw-threaded as indicated at 3 to engage with the screw-threads of the wall of the box 1. The disk 2 will also preferably be provided with a depressed opening
45 2^b adapted to receive a screw driver or other wrench for turning the closure plate. When screwed into position, as shown in Figs. 2, 3, and 4, the closure plates 2 effectively close the opening in the box, and, at the same
50 time, the screw-threads being provided at a

relatively steep angle and the edge of the disk thickened, will compensate for considerable variations in the size of the openings which they are adapted to close. In other words, if the opening were relatively small
55 the cap or closure would not be screwed in as near to the general plane of the wall as it might otherwise be, and in case of a loose fit the cap would screw somewhat through the wall before it became a close fit. 60

It will be understood, of course, that the box is formed with the desired number of openings, and these openings are all closed by caps or closures of the kind specified and when brought into use such of the caps or
65 closures are removed to provide openings as are found necessary, while the others retain their positions in the box. The caps can be removed by a screw-driver or wrench, which is the preferable way, although the
70 steep angle provided at the edges of the cap at the screw will enable the caps or closures to be displaced with a blow either directly from a hammer or by the intervention of a punch. The caps or closures 2 may be
75 applied from the outside of the box, as shown in Fig. 1, or from the inside of the box, as preferred.

The method of forming the thickened periphery or edge on the disks and at the
80 same time embossing a screw-thread thereon is shown in Fig. 5, and may be briefly described as follows: The plate or closure is mounted on a free rotating turntable 10 and is engaged by embossing rollers 11—11 rotating against the edge, which at the same
85 time upset or bead the edge and emboss a thread thereon.

What I claim as new and desire to secure by Letters Patent is: 90

1. A sheet metal outlet or junction box having a series of beveled screw threaded openings and having closures for said openings consisting of sheet metal disks having thickened and beveled screw threaded edges
95 substantially in the plane of the bodies of the disks.

2. A sheet metal outlet or junction box having a series of beveled screw threaded openings and having closures for said open- 100

ings consisting of sheet metal disks having thickened and beveled screw threaded edges substantially in the plane of the bodies of the disks, said disks having offset portions
5 provided with recesses for the reception of a wrench or tool.

In witness whereof, I have affixed my sig-

nature, in presence of two witnesses, this first day of February 1907.

CHARLES T. PRATT.

Witnesses:

H. G. BIRBL,

M. L. FARRELL.