

No. 660,654.

Patented Oct. 30, 1900.

F. W. PINGEL.
BARREL BUNG.

(Application filed Apr. 10, 1899.)

(No Model.)

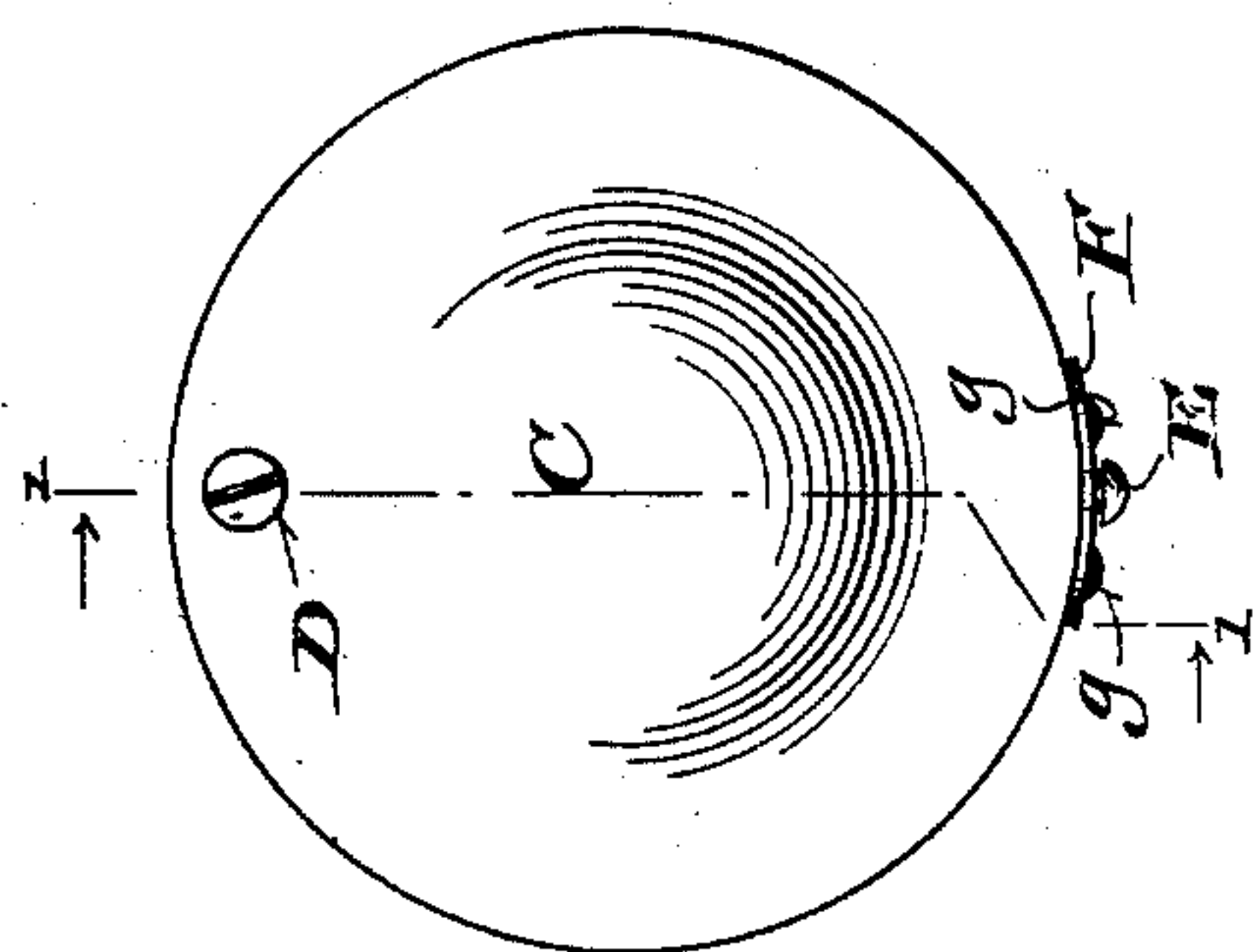


Fig. 2.

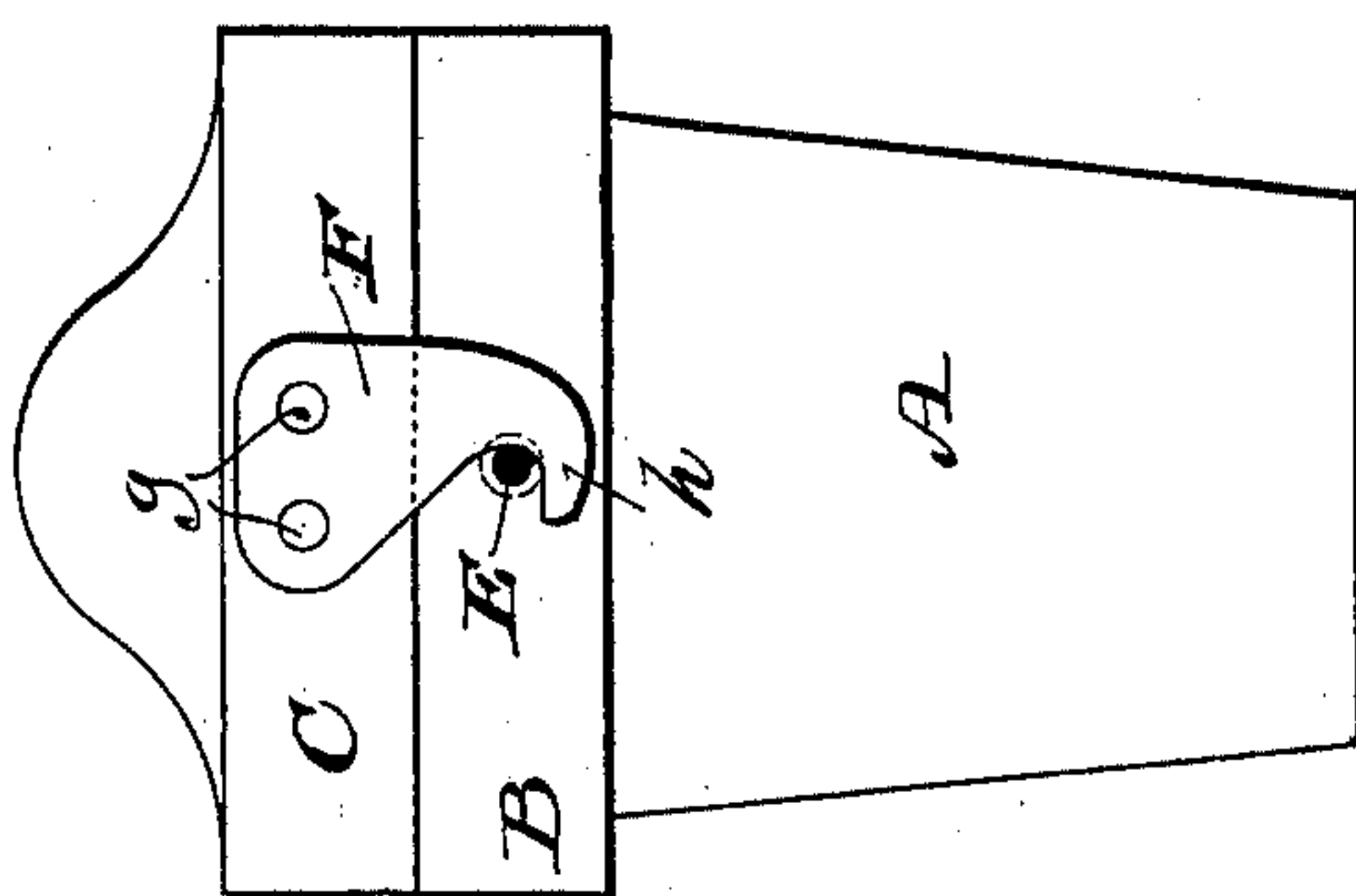


Fig. 3.

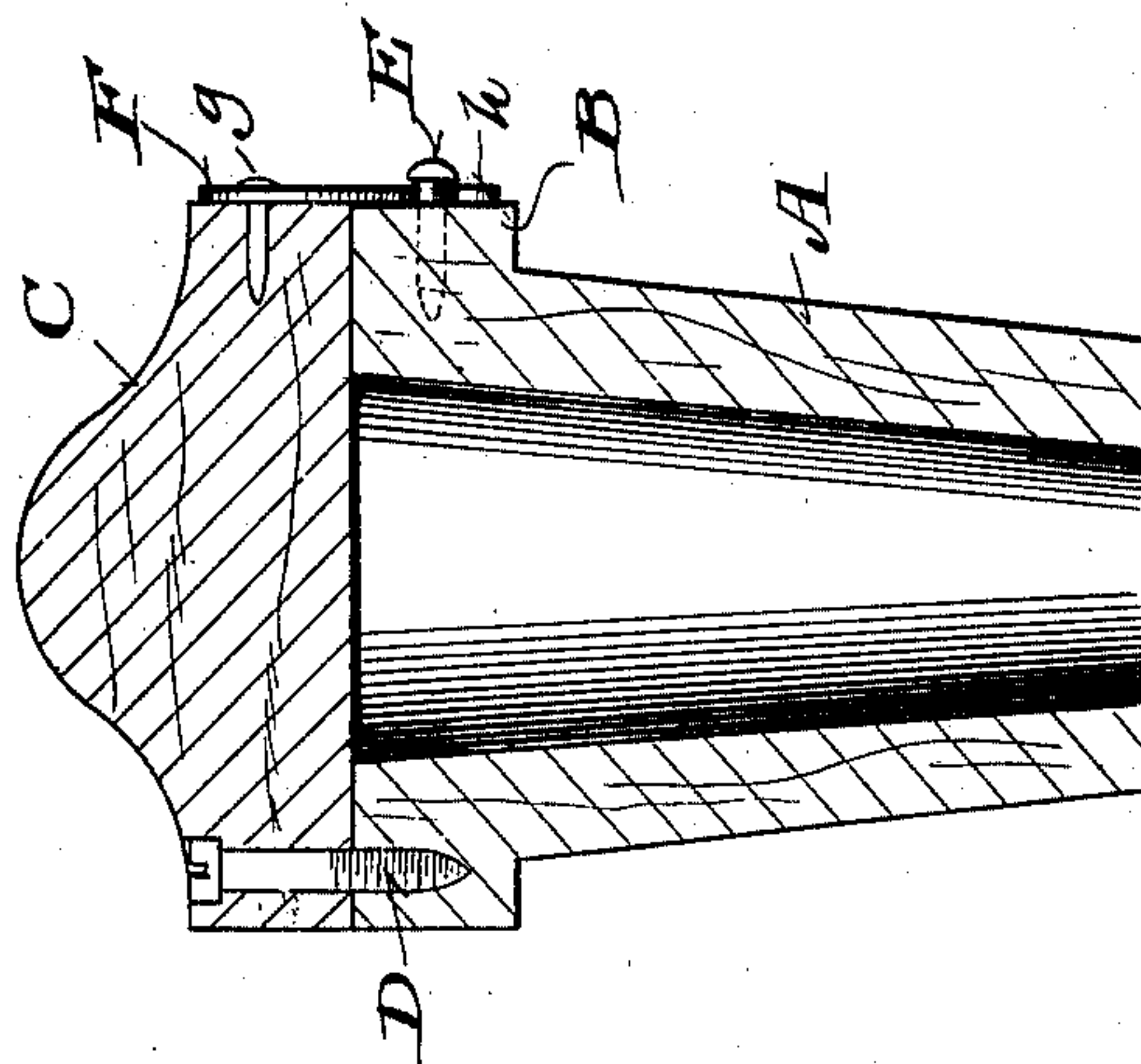


Fig. 1.

Witnesses:
Geo. W. Young,
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UNITED STATES PATENT OFFICE.

FREDERICK W. PINGEL, OF WAYSIDE, WISCONSIN, ASSIGNOR TO THE
WAYSIDE NOVELTY COMPANY, OF SAME PLACE.

BARREL-BUNG.

SPECIFICATION forming part of Letters Patent No. 660,654, dated October 30, 1900.

Application filed April 10, 1899. Serial No. 712,362. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. PINGEL, a citizen of the United States, and a resident of Wayside, in the county of Brown and State
5 of Wisconsin, have invented certain new and useful Improvements in Barrel-Bungs; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has especial reference to that
10 class of bungs which are inserted in the bung-holes of barrels after the original bung has been extracted, so that the liquid contents of said barrels are always readily accessible, while at all other times the said bung-holes
15 may be closed against the entrance of air, dust, insects, or anything else which it is desirable to exclude; and it consists in certain structural peculiarities and combination of parts, as will be fully set forth hereinafter
20 and subsequently claimed.

In the drawings, Figure 1 is a vertical sectional view through one of my improved devices, taken on the line 1 1 of Fig. 2. Fig. 2 is a plan view, and Fig. 3 a view in side elevation, of one of my said bungs.
25

The especial object of my present invention is to cheapen the cost of manufacture of bungs of this general class without impairing their efficiency, and to that end the bushing
30 or bung proper, as well as the cover, may be turned out of wood, the only metal parts being the pivot and the fastening devices, which can be more cheaply made of metal.

Referring to the drawings, A represents
35 a hollow tapered bushing formed integrally with an upper annular flange B.

C represents the cover, and this is also one solid piece, whose under surface is horizontal to match the horizontal upper surface of the
40 flange B, to which said cover is pivotally attached by a screw D. Directly opposite this pivotal point the flange B is provided with a headed pin E, projecting slightly, as best shown in Fig. 1.

F represents a plate secured, as by pins or
45 nails *g g*, to the vertical face of the cover C, at a point opposite the pivotal point of said cover, and projecting downward below the plane of the bottom thereof, the lower end of
50 said plate F being formed into a hook or catch *h*, adapted to snugly engage with the de-

scribed pin E and pass between the head thereof and the outer wall of the flange B, in frictional contact with both when the cover is closed.

My bung will thus be seen to be simple and
55 cheap in construction and at the same time very efficient in use, and if at any time there seems a tendency to a lessening of the frictional contact between the upper surface of
60 the flange B and the under surface of the cover C this can be quickly remedied by a turn or partial turn of the screw-pivot D; but as the lower part of the bung is at all
65 times when in use exposed to moisture from the contents of the barrel it is found in practice that the parts remain substantially tight, as first adjusted.

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

1. In a barrel-bung, the combination of a hollow tapered bushing having an upper annular laterally-projecting integral flange B, the top of said bushing and flange forming
75 an extended horizontal plane surface, a horizontally-movable cover having a horizontal plane under surface lying flat against the top plane surface of the bushing and flange, a vertical pivot connecting said top and cover
80 at one side, a depending rigid hooked plate rigidly secured to said cover on the side diametrically opposite said pivot, and a headed pin projecting horizontally from the side of
85 said flange with which pin the hook of said rigid plate engages between the head and the vertical side wall of said annular flange, whereby the said plate prevents injury to the
90 pivot by a blow or the like on the cover and the headed pin prevents the bending of said plate, substantially as described.

2. A barrel-bung comprising a hollow tapered bushing having an upper annular flange integral therewith, the top of said bushing and flange forming a horizontal plane sur-
95 face, in combination with a horizontally-movable cover, the under side of which forms a horizontal plane surface, a vertical pivot uniting said flange and cover, and having screw-threads in its lower part for increasing the
100 frictional contact between the bung proper and cover, a headed pin projecting from said

flange, and a depending rigid plate secured to the outer vertical face of the cover and projecting below the plane of the bottom thereof, said plate terminating in a hook or catch
5 for engagement with said headed pin.

In testimony that I claim the foregoing I have hereunto set my hand, at Wayside, in

the county of Brown and State of Wisconsin, in the presence of two witnesses.

FREDERICK W. PINGEL.

Witnesses:

GEORGE FROSCH,
AUG. KIEKHAEFER.