

(No Model.)

W. H. WHITMYRE.

RING, ROD, AND BAR FOR REPAIRING LEAKS IN WATER CLOSET BOWLS.

No. 541,912.

Patented July 2, 1895.

Fig. 1.

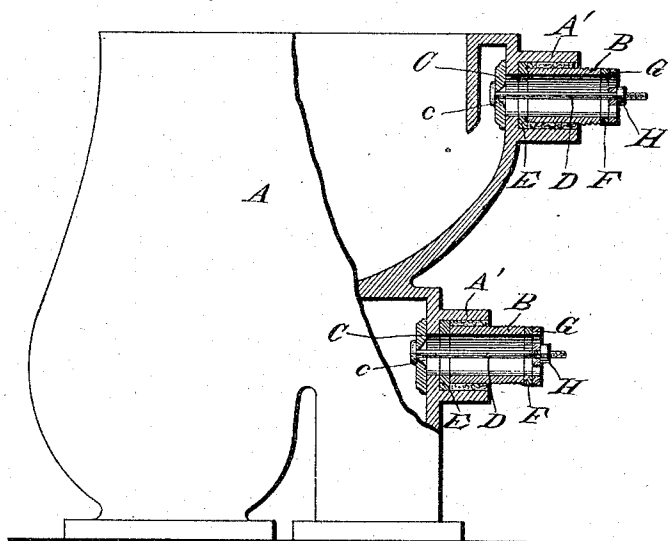
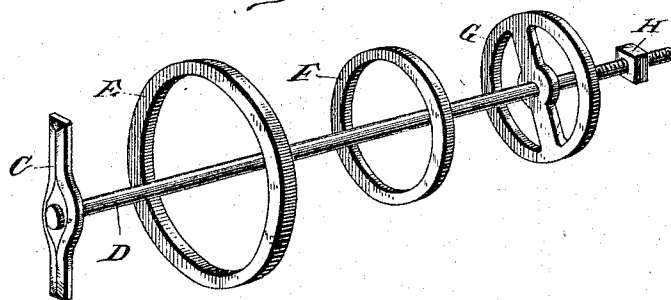


Fig. 2.



Witnesses

Theo. L. Gatchel.

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UNITED STATES PATENT OFFICE.

WILLIAM H. WHITMYRE, OF SCHENECTADY, NEW YORK.

RING, ROD, AND BAR FOR REPAIRING LEAKS IN WATER-CLOSET BOWLS.

SPECIFICATION forming part of Letters Patent No. 541,912, dated July 2, 1895.

Application filed March 14, 1895. Serial No. 541,777. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WHITMYRE, a citizen of the United States, and a resident of Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Rings, Rods, and Bars for Repairing Leaks in Water-Closet Bowls; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in devices for repairing leaks in earthen water closet bowls when the same become broken, as when the horn is broken by the settling of the building or from any other cause.

It has for its objects among others to provide a simple device readily applied and which may be employed to repair the flush or the vent outlet and by which the spud may be used and a tight joint secured.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claim.

The invention in this instance resides in the peculiar combinations, and the construction, arrangement and adaptation of parts, all as more fully hereinafter described, shown in the drawings and then particularly pointed out in the claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation showing my improvements applied in position for stopping a leak. Fig. 2 is a perspective view with the parts shown in their relative positions but dissembled.

Like letters of reference indicate like parts in both of the views.

Referring now to the details of the drawings by letter, A designates a water closet bowl of any well known form of construction,

and A' the horn thereof. It is when this horn is broken that my device is brought into play. This horn has usually secured therein by 50
brimstone a brass spud B to which the coupling is attached.

C is a bar or plate or ring adapted to fit upon the inside of the closet bowl as seen in Fig. 1 where parts are broken away to better 55
disclose other parts, and this bar or plate is provided with a central opening c which is tapered as shown so as to allow of the necessary movements of the rod that passes there-through so as to allow the same to swivel to 60
make it practically self-adjusting to accommodate itself to any inequalities or any distortion of the parts.

D is a rod adapted to be passed through the opening in the bar or plate C from the inside 65
of the closet outward through the horn and upon this rod is placed a packing ring E which is adapted to be seated in the horn, and on this rod next to this packing is placed the spud B, next to which is the packing F against the 70
outer face of which bears the ring G, while upon the threaded end of the rod is a nut H. With the parts in position by screwing up the nut the parts are all drawn together and a tight joint is formed upon opposite sides of 75
the spud and the closet is tight and cannot break again at this point.

What is claimed as new is—

A device for stopping leaks in water closet bowls, consisting of a plate with a tapered 80
hole, a rod passed through said hole and having a threaded end, a spud upon said rod, packing rings upon opposite sides of said spud, a ring on the rod bearing against the outer packing ring, and a nut on the threaded end of 85
the rod bearing against the outer ring, substantially as specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM H. WHITMYRE.

Witnesses:

F. L. SAUTER,
EDWARD C. WHITMYER.