

H. F. GOETZ.
FLOAT WIRE GUIDE.
APPLICATION FILED JULY 26, 1917.

1,239,903.

Patented Sept. 11, 1917.

Fig. 1.

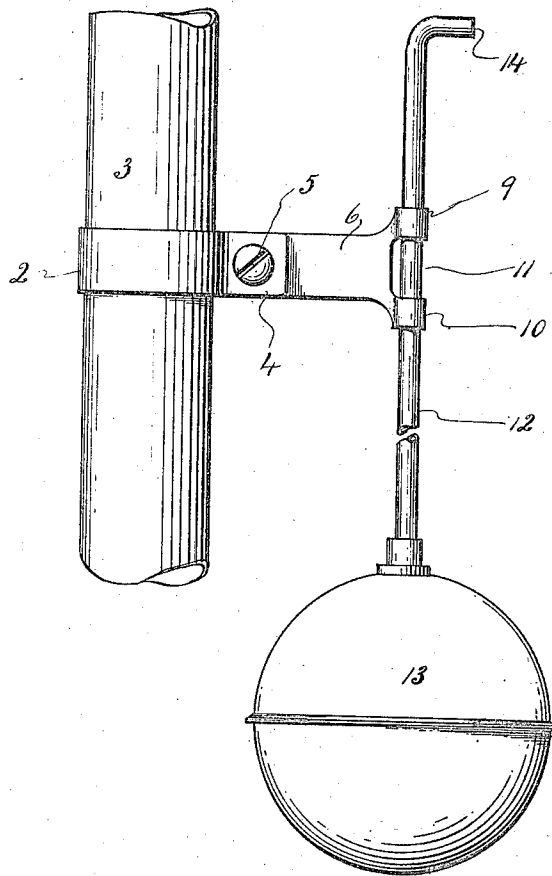
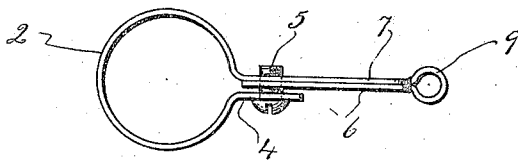


Fig. 2.



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UNITED STATES PATENT OFFICE.

HENRY F. GOETZ, OF WATERBURY, CONNECTICUT, ASSIGNOR TO WATERBURY MFG. CO., OF WATERBURY, CONNECTICUT, A CORPORATION.

FLOAT-WIRE GUIDE.

1,239,903.

Specification of Letters Patent. Patented Sept. 11, 1917.

Application filed July 26, 1917. Serial No. 132,864.

To all whom it may concern:

Be it known that I, HENRY F. GOETZ, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Float-Wire Guides; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application and represent, in—

Figure 1 a view in side elevation of a float-wire guide embodying my invention, and shown as in use.

Fig. 2 a detached plan view of the device.

My invention relates to an improved float-wire guide for water closet tanks, the object being to produce at a low cost, for manufacture, a simple, compact, convenient and effective article of the character described.

With these ends in view my invention consists in a float-wire guide for water closet tanks, the said guide having certain details of construction as will be hereinafter described and pointed out in the claim.

In carrying out my invention, as herein shown, I produce from a single strip of sheet metal, a float-wire guide comprising a band 2 adapted in diameter to be clamped upon the overflow pipe 3 of a water closet tank, the said band being formed at its free end with a clamping arm 4 carrying a clamping-screw 5 which passes through threaded holes extending transversely through the inner ends of the two members 6 and 7 of the straight flat shank of the device. The said shank is produced by bending upon itself that end of the blank opposite from the end of the blank strip from

which the band 2 and arm 4 are formed, the two extreme ends of the strip overlapping as shown in Fig. 2. In producing the said shank, guide eyes 9 and 10 located one above the other are formed at the fold of the blank-strip, these guide eyes being separated by a space 11 and being large enough to receive the float-wire 12 of the float 13 with sufficient freedom of movement to allow the float-wire to move freely up and down in the eyes. The upper end of the float-wire is bent at a right angle to form a stop-arm 14, which prevents the wire and hence the float, from being disengaged from the guide.

My improved device, as thus made, is compact in form, easily applied and adjusted, neat in appearance, and is less liable to cramp or foul the float-wire than is a float-wire guide made of cast metal and drilled for the passage of the float-wire through it.

I claim:—

As a new article of manufacture, a float-wire guide for water closet tanks, the said float-wire guide being made of a single piece of sheet metal shaped at one end to form an open band terminating at one end in a clamping arm and having its opposite end bent on itself to form a shank the fold of which is expanded to form two guide eyes located one above the other, and a clamping screw passing through the clamping-arm of the band and through the two parallel members of the shank.

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

HENRY F. GOETZ.

Witnesses:

GEO. W. GARDNER,
CHESTER L. HENION.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."