

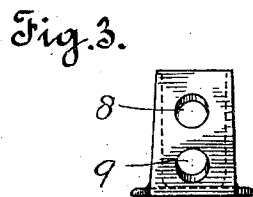
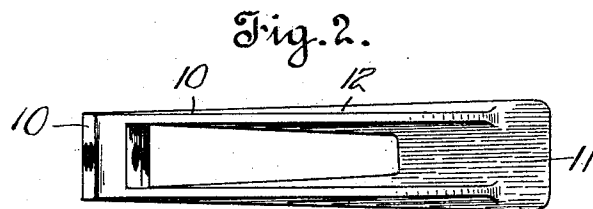
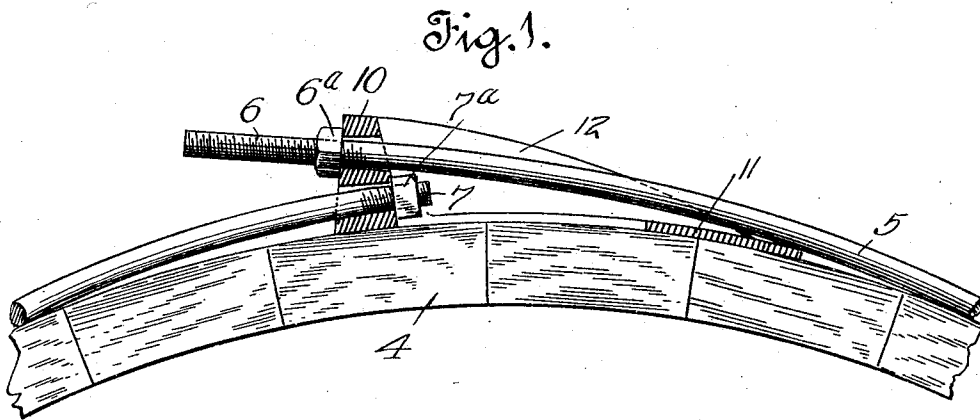
No. 796,643.

PATENTED AUG. 8, 1905.

E. N. HARMON.

TANK LUG.

APPLICATION FILED JULY 1, 1904.



Witnesses.

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UNITED STATES PATENT OFFICE.

EDWARD N. HARMON, OF BELVEDERE, CALIFORNIA.

TANK-LUG.

No. 796,643.

Specification of Letters Patent.

Patented Aug. 8, 1905.

Application filed July 1, 1904. Serial No. 215,028.

To all whom it may concern:

Be it known that I, EDWARD N. HARMON, a citizen of the United States, residing at Belvedere, in the county of Marin and State of California, have invented certain new and useful Improvements in Tank-Lugs, of which the following is a specification.

My invention relates to improvements in the hoops or bands which encircle wooden tanks, pipes, and the like; and the object of the invention is to provide an extremely simple and efficient form of coupling for connecting the ends of round rods.

In devising the present invention an aim has been to provide a coupling in which the parts will be held effectively against displacement while being assembled.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a sectional plan of a portion of a tank. Fig. 2 is a top plan of the clamping-bracket, and Fig. 3 is an end elevation of Fig. 2.

In the drawings the numeral 4 indicates the staves of the tank or the like, and 5 the iron rod which encircles the staves and has threaded ends 6 and 7, which are engaged by nuts 6^a and 7^a. The ends of this rod are placed in opposite directions through holes 8 and 9 in a bracket or coupling-lug 10, which rests against one of the staves and has a base portion 11 curved to conform to the curvature of the staves and connected to the lug 10 by the side webs or flanges 12.

It will be observed that the openings 8 and 9 are tapered in opposite directions to facilitate the insertion of the ends of the rod or hoop 5. By reason of the openings being closed there is no danger of the ends of the rods becoming displaced while the nuts are being screwed up to tighten the hoops.

Having thus described my invention, what I claim is—

In combination with a tank, rods encircling the same, said rods having screw-threaded ends, and means for holding said rods on the tank consisting of a base-piece curved to conform to the shape of the tank, a portion 10 projecting outwardly from one end of the base, said portion having upper and lower eyes in the same vertical plane, the bottoms of said eyes being inclined in opposite directions, side webs on the base connected to said portion 10 on each side of the eyes therein, said webs having a space between them in which part of the rod lies, the screw-threaded ends of said rods passing through the eyes in opposite directions, and nuts screwing over said ends to hold the rods in position, substantially as described.

In testimony whereof I have affixed my signature, in presence of two witnesses, this 9th day of June, 1904.

EDWARD N. HARMON.

Witnesses:

F. E. MONTEVERDE.
M. R. SEELY.