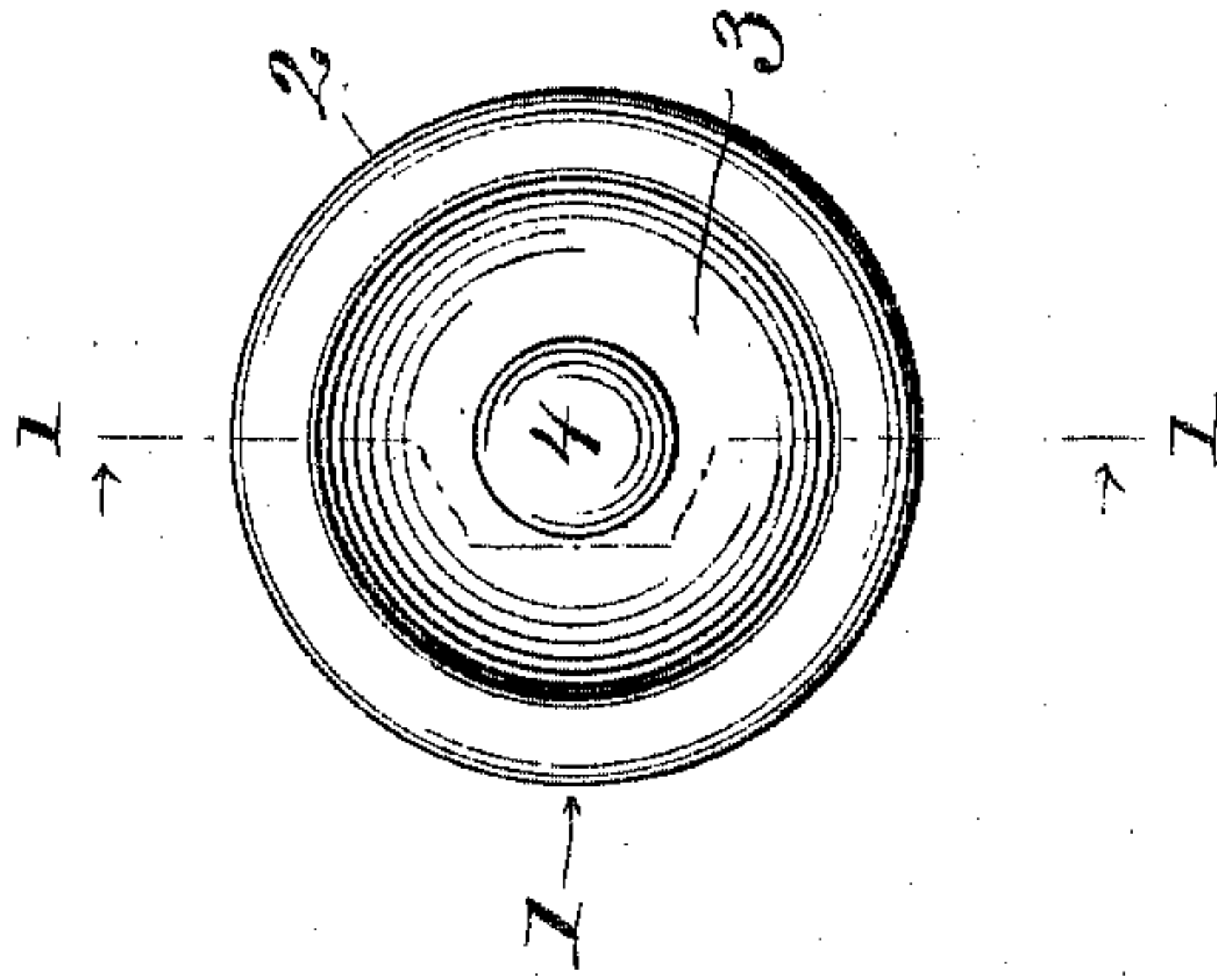


No. 780,041.

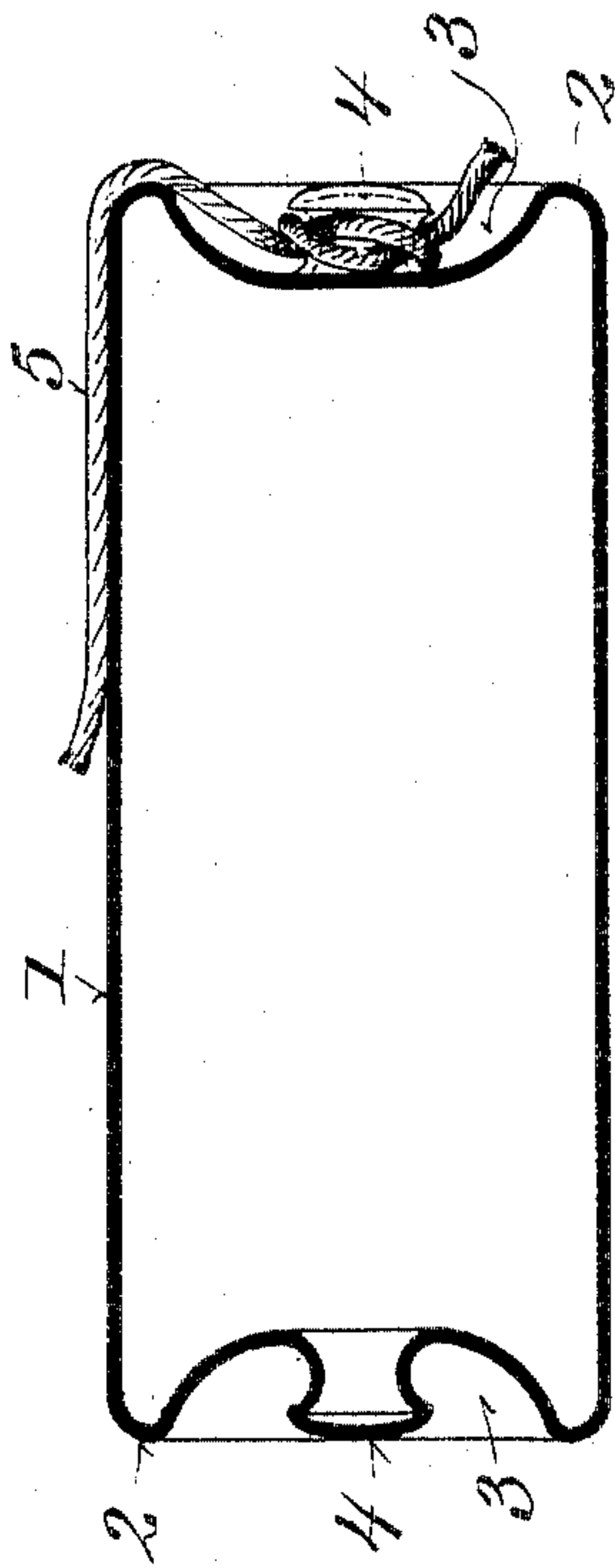
PATENTED JAN. 17, 1905.

J. KOENIG.  
FISH NET FLOAT.  
APPLICATION FILED MAY 7, 1904.

*Fig. 2.*



*Fig. 1.*



Witnesses  
Geo. W. Young.  
R. J. Baruch.

Joseph Koenig  
By H. G. Underwood  
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## UNITED STATES PATENT OFFICE.

JOSEPH KOENIG, OF TWO RIVERS, WISCONSIN, ASSIGNOR TO ALUMINUM  
MANUFACTURING COMPANY, OF TWO RIVERS, WISCONSIN.

## FISH-NET FLOAT.

SPECIFICATION forming part of Letters Patent No. 780,041, dated January 17, 1905.

Application filed May 7, 1904. Serial No. 206,834.

*To all whom it may concern:*

Be it known that I, JOSEPH KOENIG, a citizen of the United States, and a resident of Two Rivers, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Fish-Net Floats; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has especial reference to hollow seamless floats adapted to be attached to fish-nets; and it consists in certain peculiarities of construction and combination of parts, as will be fully set forth hereinafter in connection with the accompanying drawings and subsequently claimed.

In the said drawings, Figure 1 indicates a longitudinal sectional view of a float embodying my present invention, the said section being central except at the right-hand end when it is taken on the line 1 1 of Fig. 2; and Fig. 2 is an end view of the float.

Referring by numerals to the drawings, 1 represents the body of the float, made of a seamless cylindrical shell of aluminium or other suitable material whose ends are spun wholly closed, so that the float shall be of only one piece, each end in spinning being depressed to form a rounded rim 2 and an annular channel 3, surrounding a central knob or button 4, which latter preferably is of less projection than that of the rim 2, the said knob or button 4 being for the reception of a cord 5, by which the float is attached to a net. The reason that the said knob or button 4 does not project beyond the line of the rounded annular rim 2 is to prevent said knob or button from becoming entangled with the meshes of the net, and hence while the part 4 might be relatively shorter than here represented without any danger of interfering with the net it should not be longer, but be always within the line of projection of the

said end rim 2. While I prefer to form both ends alike, it is essential that at least one end should be constructed as described, so as to form attaching means which will not become entangled with the net.

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

1. A fish-net float, comprising a hollow seamless wholly-closed shell, having an end formed with a rounded rim and an annular channel surrounding a knob or button whose outward projection is within the line of said end rim, together with said knob or button.

2. A fish-net float comprising a hollow seamless wholly-closed shell, having an end formed with an annular depression surrounding an outwardly-projecting knob or button, together with said knob or button.

3. A fish-net float comprising an integral hollow seamless wholly-closed shell, having its ends formed with annular depressions surrounding outwardly-projecting knobs or buttons for the reception of cords for fastening said float to a net, together with said knobs or buttons.

4. A fish-net float comprising an integral hollow seamless wholly-closed shell, having one of its ends formed with annular depressions surrounding an outwardly-projecting knob or button for the fastening of cords thereon, and a suitable fastening on the other end, together with said knob or button.

In testimony that I claim the foregoing I have hereunto set my hand, at Two Rivers, in the county of Manitowoc and State of Wisconsin, in the presence of two witnesses.

JOSEPH KOENIG.

Witnesses:

W. J. WRIETH,  
G. A. MAGEE.