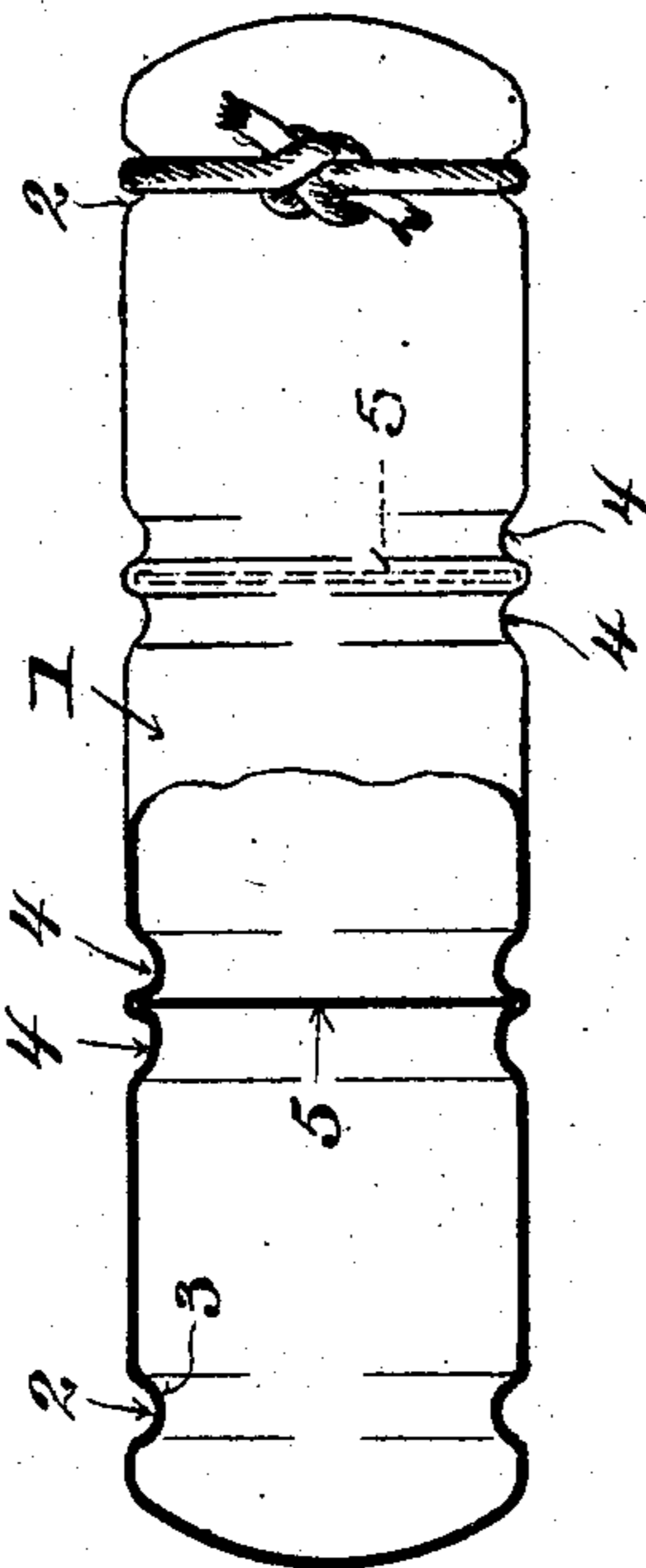


No. 855,063.

PATENTED MAY 28, 1907.

J. KOENIG.  
FISH NET FLOAT.  
APPLICATION FILED FEB. 18, 1907.



Witnesses:  
Fred Palm  
George Teller

Inventor  
Joseph Koenig  
By Clifton H. Young  
Attorneys

# UNITED STATES PATENT OFFICE.

JOSEPH KOENIG, OF TWO RIVERS, WISCONSIN.

## FISH-NET FLOAT.

No. 855,063.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed February 18, 1907. Serial No. 357,830.

*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.

The invention consists in what is herein shown, described and claimed; its object being to provide simple, economical fish-net floats of the type disclosed in Patents No. 739,324, granted September 22, 1903, and No. 780,041 and 780,042, granted January 17, 1905, the improved floats being partitioned to stiffen them against external pressure and to provide air-tight compartments whereby collapse of said floats is prevented and each of the same is not wholly impaired as to buoyancy unless all of its said compartments are punctured.

The accompanying drawing represents an improved fish-net float partly in vertical longitudinal section.

Referring by numeral to the drawing, the float is shown as being a preferably seamless cylindrical air-tight shell 1 provided adjacent to its ends with outer annular grooves 2 in which to fasten the cord by which the float is secured to a fish-net, the annular inner beads 3, counterparts of said grooves, and other annular inner beads 4 in pairs serve to strengthen said float.

Suitably held between each pair of the beads 4 of the float is a partition 5 that serves to resist external pressure that would otherwise collapse said float. By means of a partition or partitions, the float is divided into a plurality of air-tight compartments, all of

which compartments must be punctured before the buoyancy of said float is wholly impaired, the number of partitions, one or more, being in proportion to the length of the aforesaid float.

The shell and its partitions, constituting the improved float, are preferably of aluminium, said partitions being flat disks held in place, as aforesaid.

The successive steps in the manufacture of the float are as follows: A tube having a round end is first drawn, the groove 2 and a groove 4 are then rolled in the tube, a partition 5 positioned against the inner bead resulting from the formation of said groove 4, the two succeeding grooves 4 are next rolled and as a result of this operation said partition is set tight in the tube, the next partition is now positioned and secured when the last grooves 4 and 2 are rolled, after which the tube is closed by spinning and welding operations.

I claim:

1. A fish-net float comprising an air-tight shell provided with paired strengthening beads, and a partition held between each pair of said beads.

2. A fish-net float comprising a seamless metallic shell having external annular grooves adjacent its ends, paired strengthening ribs, and a partition held between each pair of said ribs.

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:

G. A. MAGEE,  
OTTO J. N. SIMOIS.