May 11, 1926. 1,583,795

S. PASTURZAK

ANCHORING ELEMENT

Filed May 12, 1925

Fig. 1.

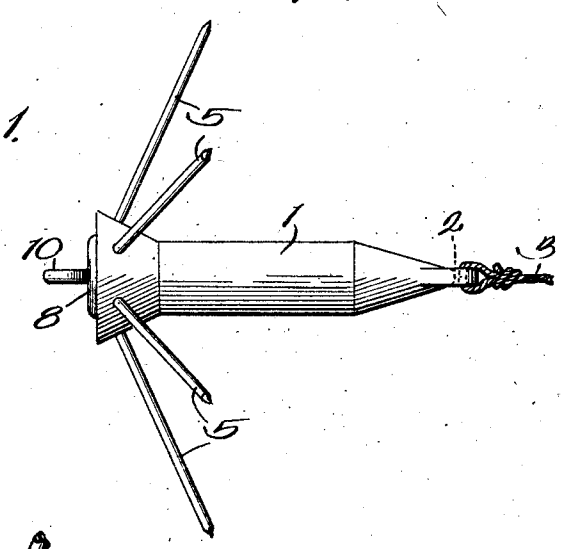


Fig. 2.

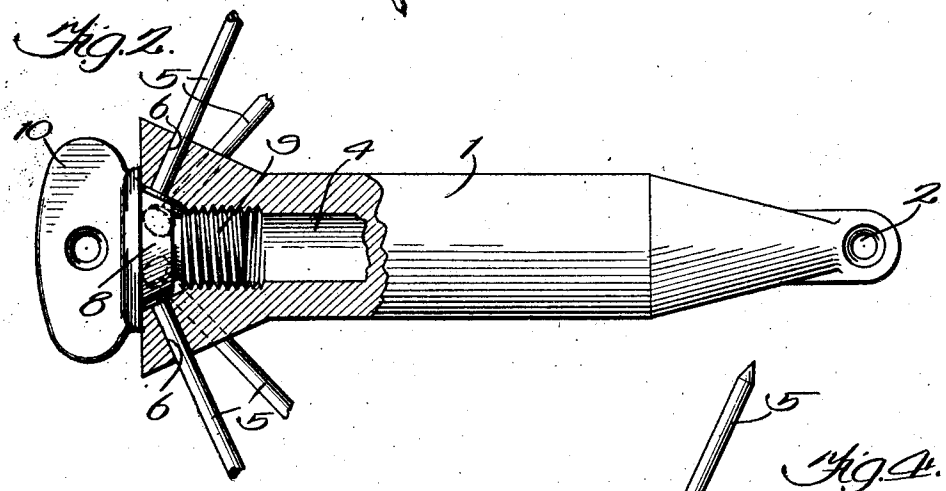


Fig. 3.

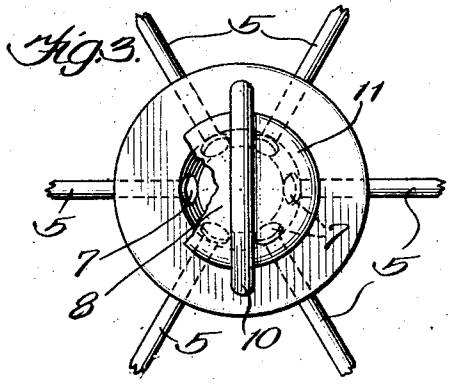
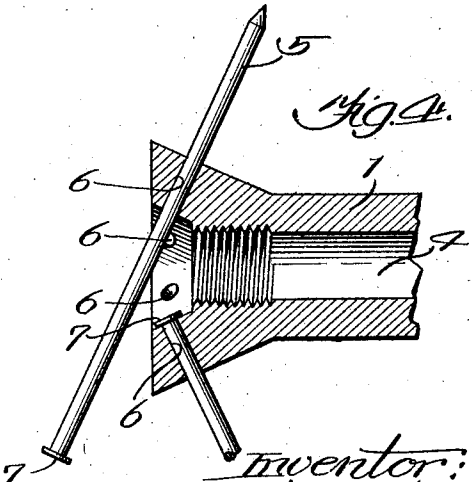


Fig. 4.



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UNITED STATES PATENT OFFICE.

STANLEY PASTURZAK, OF CHICAGO, ILLINOIS.

ANCHORING ELEMENT.

Application filed May 12, 1925. Serial No. 29,803.

My invention relates to the construction of anchoring elements such as the anchors which are employed to hold fishermen's trolling lines.

The invention has for its general object the provision of an improved construction whereby the prongs may be removably secured to the body members carrying the same.

In practicing my invention the body members are shell like and have lateral holes formed therethrough in which the stems of headed prongs are received, the heads of the prongs being at the inner ends thereof and engaging the inner wall of the shell-like body to prevent the prongs from being withdrawn outward. A plug is preferably assembled with the shell like body member of the anchor in a position in which the heads of the prongs are sandwiched between the plug and the shell like body, whereby withdrawal of the prongs by inward movement thereof is guarded against. In order to permit assembly of the prongs with their supporting body member and the ready replacement thereof, the plug is removed, being only assembled with the body member after the prongs are all in place. In order that the construction of the body member may be simplified, the prong receiving openings formed therein are inclined outwardly from the prong receiving end of the body member, toward the other end of the body member sufficiently to enable the inner ends of the prongs to clear the body member as the prongs are moved into or out of the openings that receive them.

The invention will be more fully explained in connection with the accompanying drawing in which Fig. 1 is a view in elevation of an anchor constructed in accordance with my invention, a portion of a trolling wire or string being shown which is attached to the anchor; Fig. 2 is a view on a larger scale of the anchor shown in Fig. 1, parts being shown in section; Fig. 3 is an end view of the anchor with the prong retaining plug partially broken away; and Fig. 4 is a view showing a part of the structure as it appears in Fig. 2 but with the prong retaining plug removed, some of the prongs removed, and one prong in midposition.

The body member 1 of the anchor is formed at one end with an eye that receives one end of the trolling wire or string 3. The anchor body may be formed with a bore 4 which may be generally cylindrical but which is preferably inwardly tapered at its outer end. The prongs 5 in a small anchoring device may be in the nature of wire nails whose stems are passed through the openings 6 that are perpendicular to the flaring portion of the wall at the outer end of the bore 4. These openings are upon diametrical planes and their axes are so inclined with respect to the axis of the bore as to widely clear the portions of the rim of the bore opposite the locations of the holes, whereby the prongs may be passed into and out of their receiving holes with the heads 7 of the prongs sufficiently clear of the portions of the rim of the body member opposite the location of the holes that receive the prongs. After the prongs are in place the heads 7 thereof are clamped against the interior surface of the body member 1 by the plug 8. This plug preferably has a threaded stem portion 9 that is screwed into the bore 4. The plug is desirably also provided with a blade like head 10 by which it may be screwed and unscrewed. The plug may be formed with the flange 11 overlying the annular gap which intervenes between the portion thereof that engages the prong heads 7 and the rim of the body member 1 against which these prong heads are clamped by the plug.

Changes may be made without departing from my invention.

Having thus described my invention I claim:

1. The combination with a body member formed with a bore and having a hole extending laterally therethrough from its bore; of a prong passing through said hole and having a head within said bore; and a plug assembled with said body member within said bore and engaging the head of the prong to hold the prong in assembly with the body member.

2. The combination with a body member having a bore which inwardly tapers at one end of the body member and having a hole passing through the body member at its inwardly tapering bore portion, and which hole is out of alignment with the opposite rim of the body member; a prong passing through said hole and having a head upon its inner end; and a plug entering the bore in the body member and engaging the head of the prong.

3. The combination with a body member

having a bore therein; a hole extending through the body member into its bore and inclined to the axis of the bore in a direction to be out of alignment with the opposite side of the bore rim; a prong passing through said hole and having a head upon its inner end; and a plug entering said bore and engaging the head of the prong to hold the prong and body member in assembly.

4. The combination with a body member having a bore which inwardly tapers at one end of the body member and having a hole passing through the body member at its inwardly tapering bore portion, and which hole is out of alignment with the opposite rim of the body member; a prong passing through said hole and having a head upon its inner end; and a plug entering the bore of the body member and screwed into assembly with the body member, this plug engaging the head of the prong to hold the prong and body member in assembly.

5. The combination with a body member having a bore therein; a hole extending through the body member into its bore and inclined to the axis of the bore in a direction to be out of alignment with the opposite side of the bore rim; a prong passing through said hole and having a head upon its inner end; and a plug entering the bore of the body member and screwed into assembly with the body member, this plug engaging the head of the prong to hold the prong and body member in assembly.

6. The combination with a body member having a bore and formed with a lateral hole communicating with the bore, said hole being out of alignment with any portion of the body member opposite the hole; a prong passing through said hole and having a head upon its inner end; and a plug received in the bore of the body member and engaging the head upon the prong.

7. The combination with a body member having a bore which inwardly tapers at one end of the body member and having a hole passing through the body member at its inwardly tapering bore portion, and which hole is out of alignment with the opposite rim of the body member; and a prong passing through said hole and having a head upon its inner end.

8. The combination with a body member having a bore and formed with a lateral hole communicating with the bore, said hole being out of alignment with any portion of the body member opposite the hole; and a prong passing through said hole and having a head upon its inner end.

In witness whereof, I hereunto subscribe my name.

STANLEY PASTURZAK.