

L. M. WHITE.  
BOAT FENDER.  
APPLICATION FILED JULY 1, 1909.

950,685.

Patented Mar. 1, 1910.

Fig. 1.

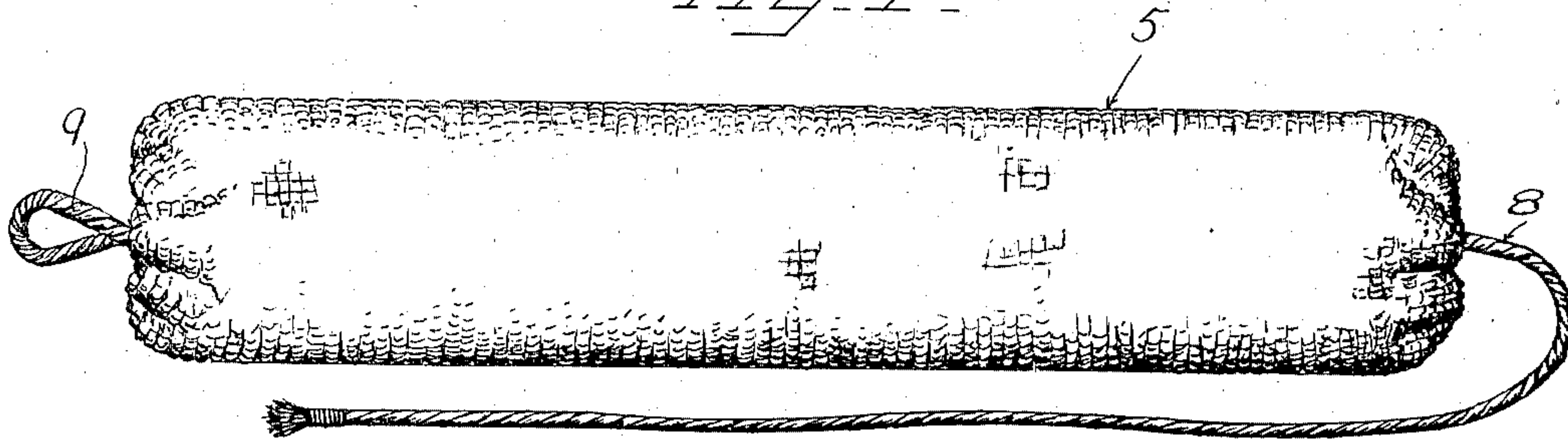


Fig. 2.

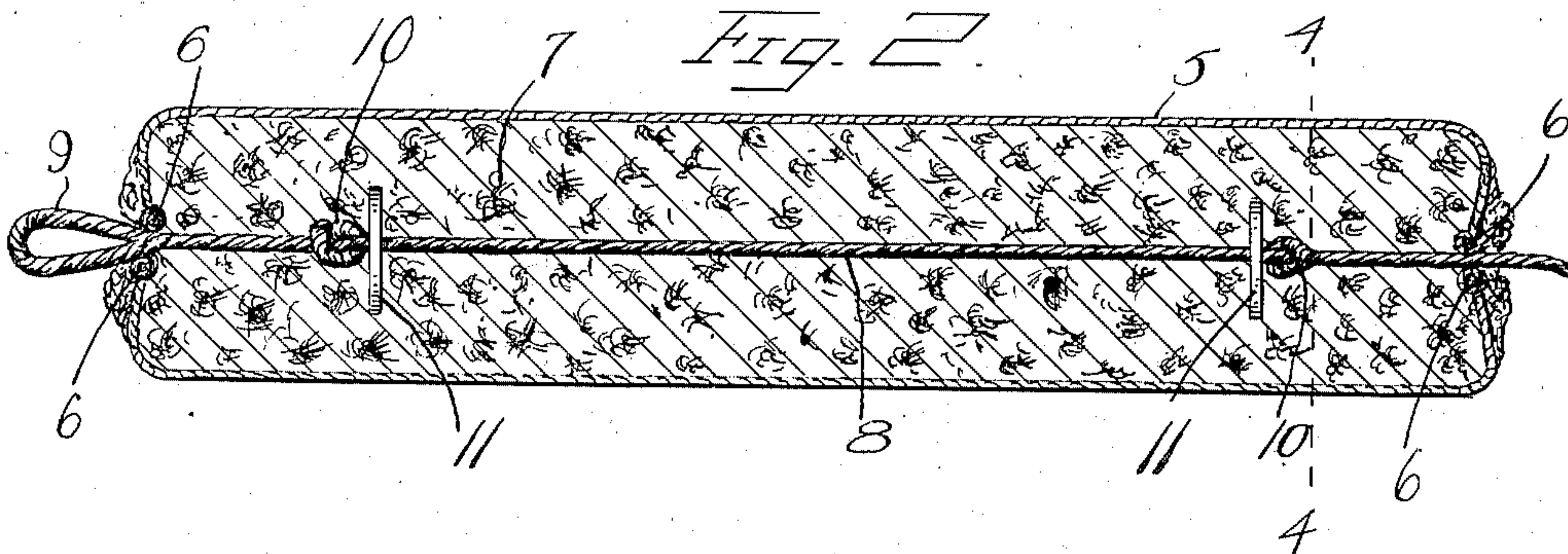


Fig. 3.

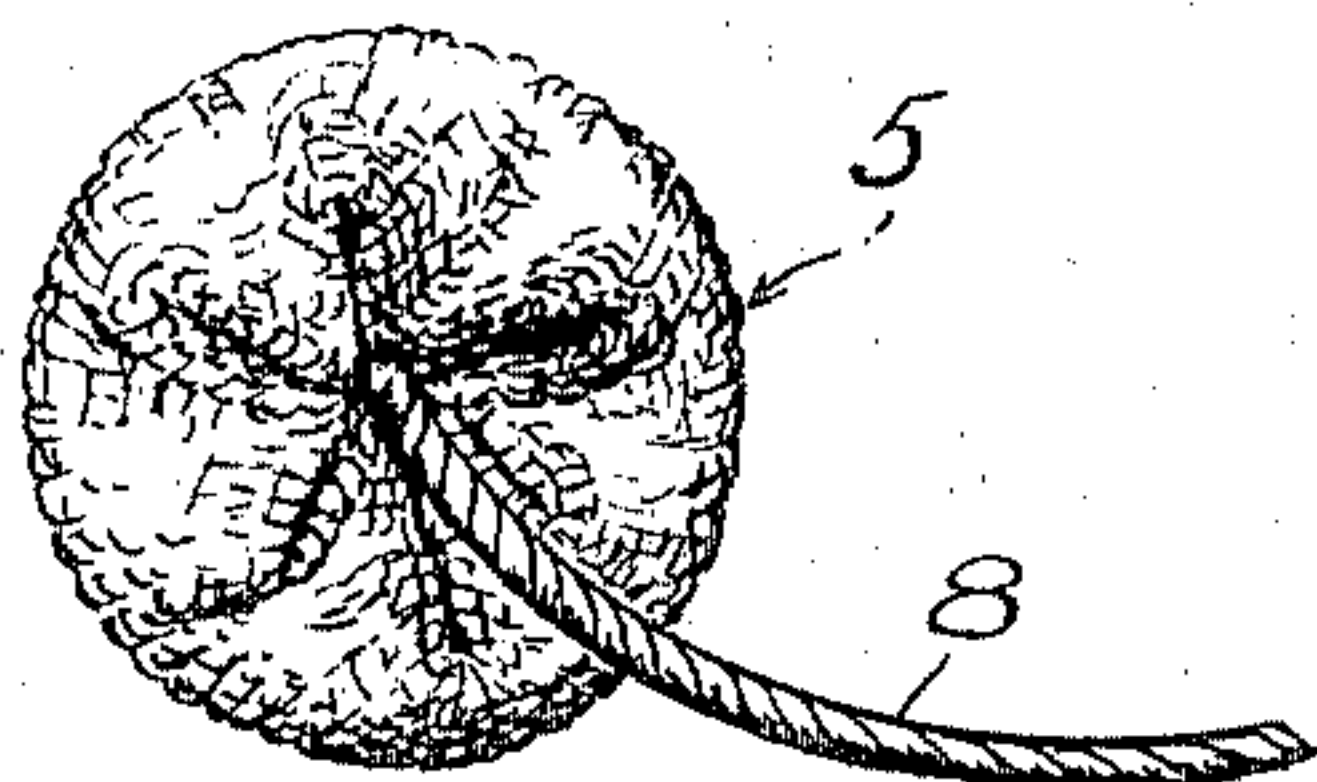


Fig. 4.



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# UNITED STATES PATENT OFFICE.

LESTER M. WHITE, OF LOCKPORT, NEW YORK.

BOAT-FENDER.

950,685.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed July 1, 1909. Serial No. 505,447.

*To all whom it may concern:*

Be it known that I, LESTER M. WHITE, a citizen of the United States, residing at Lockport, in the county of Niagara, State of New York, have invented certain new and useful Improvements in Boat-Fenders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to a boat's fender and more particularly to the class of fenders for use on launches, yachts and small crafts.

The primary object of the invention is the provision of a boat's fender in which the line passing therethrough is stayed thoroughly on the inside of the fender thus preventing the possibility of pulling through or parting company with the jacket of the fender.

Another object of the invention is the provision of a fender of this character in which the jacket is manufactured from a heavy closely braided cotton fabric, which jacket houses a filling closely packed therein in which is securely stayed a line for supporting the fender when thrown outside of the hull of a boat.

Another object of the invention is the provision of a boat's fender which is neat in appearance, strong, simple of construction, possessed of unsurpassed wearing qualities, and one that is efficient in operation and inexpensive in the manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings, which disclose the preferred form of embodiment of the invention, to enable those skilled in the art to carry the same into practice, and as brought out in the claims succeeding the description.

In the drawings:—Figure 1 is a side elevation of the invention. Fig. 2 is a longitudinal sectional view through the same. Fig. 3 is an end elevation. Fig. 4 is a transverse sectional view on the line 4—4 of Fig. 2.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring more particularly to the drawings there is shown a fender for launches, yachts and the like comprising a heavy closely braided cotton fabric casing 5 of elongated cylindrical contour, the opposite open ends of which being closed by a heavy seine line 6, threaded through the ends of the casing to draw the same together as shown.

Within the casing is closely packed a buoyant substance such as cork particles 7, to give a light weight to the fender. Passing centrally through the substance 7, and the casing 5, through opposite ends of the latter is a line 8, one extremity of which is formed with a loop terminal 9, forming a hand grip for the fender, while the opposite extremity of this line may be of any length as may be found desirable. The line 8 within the casing is provided with spaced knots 10, disposed near opposite closed ends of the casing 5, and between these knots 10, are arranged leather washers 11, which latter are carried by the line 8, and form anchors embedded in the substance 7. By the knots and washers being embedded in the substance 7, within the casing 5, the line 8 running through said substance will be thoroughly stayed in the fender thus preventing the possibility of pulling the said line through the casing and thereby overcoming any chance of the line parting company with the said casing or jacket.

The use of the fender is deemed well known without the necessity of describing its manner of use and from the foregoing it is thought the construction of the said fender will be clearly apparent without requiring a more extended explanation and therefore the same has been omitted.

What is claimed is:—

1. A fender of the class described comprising a jacket formed from a closely braided fabric closed at opposite ends, a filling packed within said jacket, a line running centrally through the jacket, and

means formed in the line and embedded in the filling to stay said line and prevent pulling thereof through the jacket.

2. A fender comprising a jacket formed  
5 from a closely braided fabric having closed opposite ends, a filling closely packed within the jacket, a line passing centrally through the jacket and having knots near  
10 opposite closed ends of the jackets and embedded within the filling, washers carried

by said line and arranged between the knots, and a loop terminal formed in said line at one extremity thereof exteriorly of the jacket.

In testimony whereof, I affix my signature, in presence of two witnesses.

LESTER M. WHITE.

Witnesses:

ROY H. ERNEST,  
ADA BARRETT.