To all whom it may concern:

Be it known that I, John A. Holzapfel, a citizen of the United States, residing at the city and county of Jackson, State of Michigan, have invented certain new and useful Improvements in Anchor-Rope Wringers and Pulleys, of which the following is a specification.

This invention relates to improvements in anchor rope wringers and pulleys.

The main objects of this invention are:

First, to provide an improved anchor rope pulley which may be quickly and easily attached to or removed from a boat.

Second, to provide an improved anchor rope wringer.

Further objects, and objects pertaining to details and economies of construction and operation will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification. The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing forming a part of this application, in which:

Fig. I is a plan view of an anchor rope wringer embodying the features of my invention.

Fig. II is a side elevation, partially in longitudinal section, on a line corresponding to line 2—2 of Fig. I.

Fig. III is a detail section on a line corresponding to line 3—3 of Fig. II.

In drawing the sectional views are taken looking in the direction of the arrows at the ends of the section lines and similar numerals of reference refer to similar parts throughout the several views.

Referring to the drawing, 1 represents a base member adapted for attachment to the prow of a boat, preferably by means of screws, there being screw-holes 2 and 3 in the structure illustrated, although other holes may be provided.

This base member has a forwardly projecting eye 4 and key-hole sockets 5. The pulley block designated generally by the numeral 6 is provided with headed lugs 7 adapted to be engaged with these sockets by a longitudinal movement of the pulley block on the base member. The pulley block is also provided with a forwardly projecting eye 8 which, when the lugs 7 are in engaging position, registers with the eye 4 of the base member so that a padlock 9 as indicated by dotted lines in Fig. I may be engaged therewith, thereby locking the pulley block in position.

A latch 10 pivoted at 11 within the pulley block is adapted to coact with the keeper 12 of the base plate, thereby holding the lugs 7 in engaging position, the spring 13 being arranged to urge the latch into engagement with the keeper. The latch is provided with a finger piece 14 which projects through a hole 15 in the side of the pulley block for convenience in manipulation.

With the parts thus arranged, the water is wrung from the rope as the anchor is hauled in. The screw hole 2 is located below the pulley block 6 so that it is impossible to remove the base member. The pulley block is locked in position as indicated in Fig. I. The registering eyes 4 and 8 of the base member and the pulley block may also be utilized for the attachment of a painter.

I have illustrated my improvements in an embodiment or adaptation which I have found very satisfactory. I have not attempted to illustrate or describe certain modifications or adaptations which I contemplate as it is believed the disclosure made will enable those skilled in the art to which my invention relates to embody or adapt the same as may be desired.

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

1. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having spaced sockets therein and a forwardly projecting eye, a pulley block having headed lugs engageable with said sockets by a longitudinal movement of the pulley block and having a forwardly projecting eye adapted to register with the eye of said base member, and a spring actuated latch disposed within said pulley block, said base member having a coacting keeper, the said pulley block being adapted to cover certain of the attaching means for said base member, whereby when said pulley is secured upon said base plate as by a lock passed through said eyes, the detaching of the base member is prevented.

2. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having spaced
sockets therein and a forwardly projecting eye, a pulley block having headed lugs engageable with said sockets by a longitudinal movement of the pulley block and having a forwardly projecting eye adapted to register with the eye of said base member, and a spring actuated latch disposed within said pulley block, said base member having a coacting keeper.

3. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having spaced sockets therein and a forwardly projecting eye, and a pulley block having headed lugs engageable with said sockets by a longitudinal movement of the pulley block and having a forwardly projecting eye adapted to register with the eye of said base member.

4. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having a socket therein and an eye, a pulley block having a headed lug engageable with said socket and having an eye adapted to register with the eye of said base member when said lug is engaged with said socket, and a latch on said pulley block, said base member having a coacting keeper, the said pulley block being adapted to cover certain of the attaching means for said base member whereby, when said pulley is secured upon said base plate as by a lock passed through said eyes, the detaching of the base member is prevented.

5. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having a socket therein and an eye, a pulley block having a headed lug engageable with said socket and having an eye adapted to register with the eye of said base member when said lug is engaged with said socket, and a latch on said pulley block, said base member having a coacting keeper.

6. In a structure of the class described, the combination of a base member adapted for attachment to a boat and having a socket therein and an eye, and a pulley block having a headed lug engageable with said socket and having an eye adapted to register with the eye of said base member when said lug is engaged with said socket.

In witness whereof, I have hereunto set my hand and seal.

JOHN A. HOLZAPFEL. [L.S.]