J. NEVILLE.

ADJUSTER FOR OUTRIGGERS.

APPLICATION FILED MAY 18, 1916.

1,223,512. Patented Apr. 24, 1917.

Fig. 3.

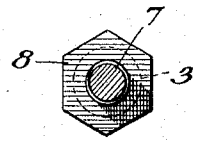


Fig. 1.

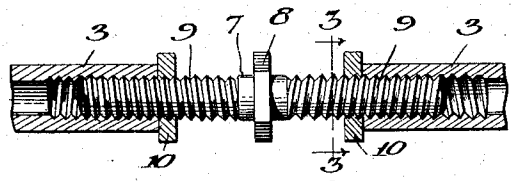


Fig. 2.

Inventor:
J. Neville.
By E. G. Siggers & Co
His Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN NEVILLE, OF DULUTH, MINNESOTA.

ADJUSTER FOR OUTRIGGERS.

1,223,512. Specification of Letters Patent. Patented Apr. 24, 1917.

Application filed May 18, 1916. Serial No. 98,364.

To all whom it may concern:

Be it known that I, JOHN NEVILLE, a citizen of the United States of America, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Adjusters for Outriggers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to adjusters for out-riggers and has for its principal object the production of an upper and a lower V-shaped frame that may be so adjusted as to lower or raise the oar locks.

Another object of this invention is the production of a lower V-shaped frame having internal threads adapted to receive an adjusting member.

With these and other objects in view this invention consists of certain novel combinations, constructions, and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawing:—

Figure 1 is a detail perspective of an out-rigger showing the device attached thereto.

Fig. 2 is a side elevation of the adjusting means showing the same partly in section.

Fig. 3 is a section taken on line 3—3, of Fig. 2 looking in the direction of the arrow.

By referring to the drawing by numerals it will be seen that 1 represents an out-rigger upon which is carried the upper V-shaped frame 2 and the lower V-shaped frame 3. These V-shaped frames are attached to the out-rigger by means of the rivets 4. It will be noted that the frames 2 and 3 are connected intermediate their ends by means of the bolt 5, which bolt 5 also holds the oar lock 6 in engagement with the carrying-frames 2 and 3.

The lower carrying-frame 3 is provided with the adjusting members 7. It will be seen by referring especially to Fig. 2 that this adjusting member 7 comprises the nut portion 8 and the oppositely threaded portions 9. It will also be noted that the carrying-frame 3 is provided with internal threads adapted to receive the threads 9. From this construction it will be seen that when the nut 8 is turned, that the carrying-frame 3 will be either raised or lowered, thereby raising or lowering the oar lock 6. Locking nuts 10 are also adapted to be carried upon the threads 9 so that when the device is adjusted as is desired, the nuts 10 may be screwed tightly in engagement with the frame 3, thereby preventing any accidental turning of the nut 8.

From the above description it will be noticed that a very simple and efficient device has been produced whereby the oar lock may be raised or lowered as is desired. It should also be noticed that when the nuts 10 are screwed in tight engagement with the carrying frame 3, that the strain will not all be upon the internal threads of the frame 3 and the threads 9 will be taken up by the nuts 10.

It should be understood that when the adjusting means is regulated so as to either raise or lower the upper V-shaped bar 2 that the same will yield by bending since it is adapted to be made from steel or some yieldable material.

Having thus described the invention what is claimed as new, is:—

In a device of the class described, the combination of an upper and a lower V-shaped frame, said frames attached to each other intermediate their ends, adjusting members carried by said lower frame, said adjusting members comprising a nut, oppositely threaded cylindrical portions integrally projecting from each side of said nut and adapted to screw into said lower V-shaped frame, auxiliary nuts carried by said cylindrical portions for strengthening said adjusting members and at the same time locking the same against rotary movement.

In testimony whereof I hereunto affix my signature.

JOHN NEVILLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."