

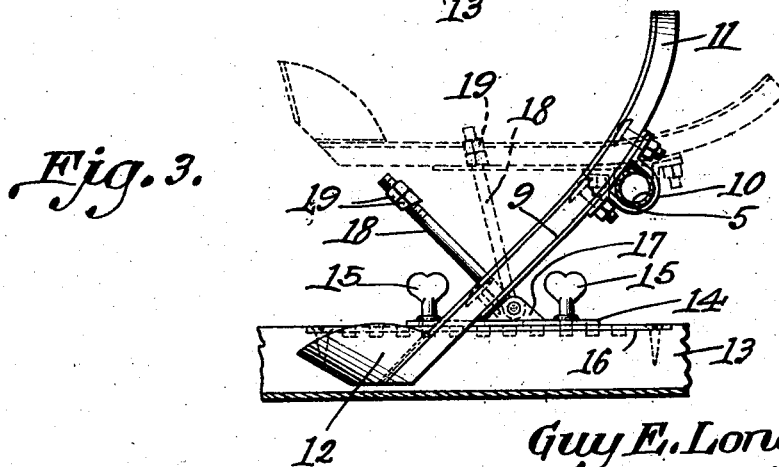
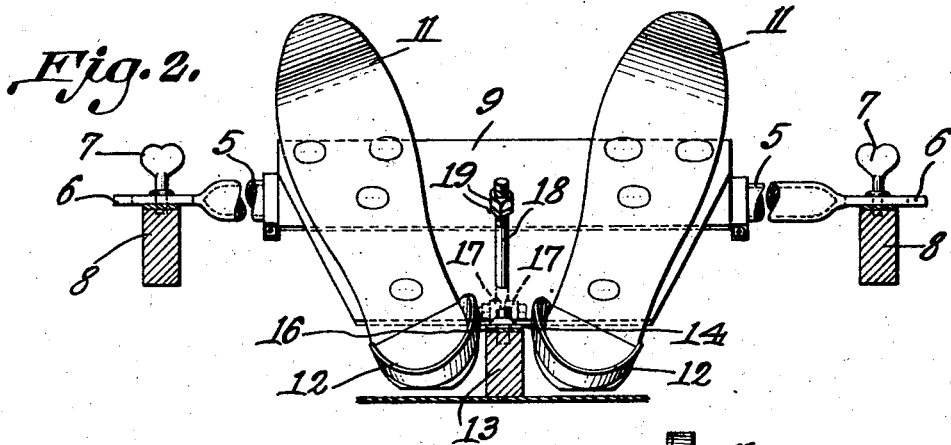
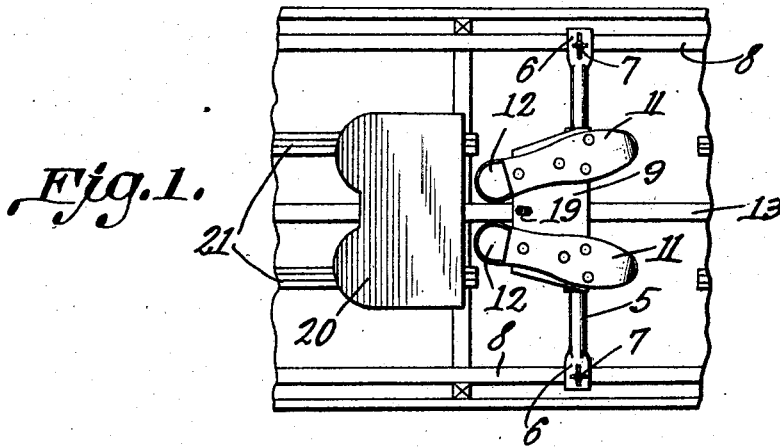
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G. E. LONG

FOOT REST

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UNITED STATES PATENT OFFICE.

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FOOT REST.

Application filed November 17, 1925. Serial No. 69,675.

This invention relates to foot rests and more particularly to foot rests especially designed for use in connection with racing shells, outriggers or the like, and aims to provide a foot rest of a novel construction, which will rock while supporting the oarsman's feet, thereby reducing the leg and ankle strain to the minimum.

Another object of the invention is to provide a foot rest of this character which will permit the oarsman to retain his oar in the water for a longer period of time on the pull stroke, to the end that a greater sustained power to the driving of the boat results.

A still further object of the invention is to provide means for regulating the rocking movement of the foot rest for the comfort of the user.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a plan view illustrating a foot rest constructed in accordance with the invention.

Figure 2 is an enlarged front elevational view thereof.

Figure 3 is a side elevational view of the foot rest, the foot rest being shown in its upper position, in dotted lines.

Referring to the drawing in detail, the reference character 5 indicates the supporting rod that acts as a bearing for the foot rest, and as shown, the supporting rod is provided with flattened portions 6 provided with openings for the reception of the set screws 7 that extend through the bars 8 forming a part of the boat frame.

The foot rest embodies a plate 9 to which are bolted securing straps 10, the securing straps being of constructions to permit the plate to rock on the supporting rod 5.

Secured to the plate 9 and arranged at oblique angles with respect thereto, are the foot pieces 11, in which the oarsman places his feet while in the act of rowing.

The foot pieces 11 are curved to conform to the curvatures of the oarsman's feet, there being provided heel portions 12 for receiving the heels of the oarsman and prevent his feet from sliding from their positions on the foot rests.

As in the usual scull construction, the upper portion of the keel 13 extends above the floor of the boat, and supports the plate 14 which is adjustably held to the keel by means of the winged screws 15 that operate in suitable threaded openings formed in the plate 16 secured to the keel. Spaced ears 17 extend upwardly from the plate 14, between which ears the lower ends of the bolt 18 is positioned so that the bolt may swing with the plate 9.

The free end of the bolt extends upwardly through the plate 9 and is held to the plate 9 by means of the nuts 19 that engage the upper side thereof, the bolt 18 being threaded so that the nuts may be adjusted longitudinally of the bolt and restrict movement of the plate 9 for the comfort of the user.

From the foregoing it will be obvious that the seat which is indicated at 20 and which slides on the tracks 21 may move to a position adjacent to the heel sections of the foot pieces 11, the operator moving his feet resulting in the rocking of the foot pieces, the foot pieces assuming the natural position of the feet of the oarsman.

Thus it will be seen that the ankle and leg strain incident to the bending of the feet which are usually strapped in the foot rests of a scull is eliminated, owing to the fact that the foot rests may rock under the pressure directed thereto while rowing.

I claim:—

In a device of the character described, a supporting rod, a plate pivotally mounted on the supporting rod, foot pieces secured to the plate and adapted to move with the plate, said plate having an opening, a pivoted bolt passing through the opening, nuts on the free ends of the bolt, and said plate adapted to engage the nuts to restrict movement of the plate.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

GUY EDWIN LONG,