

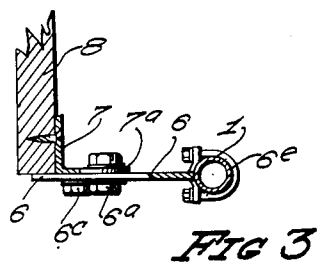
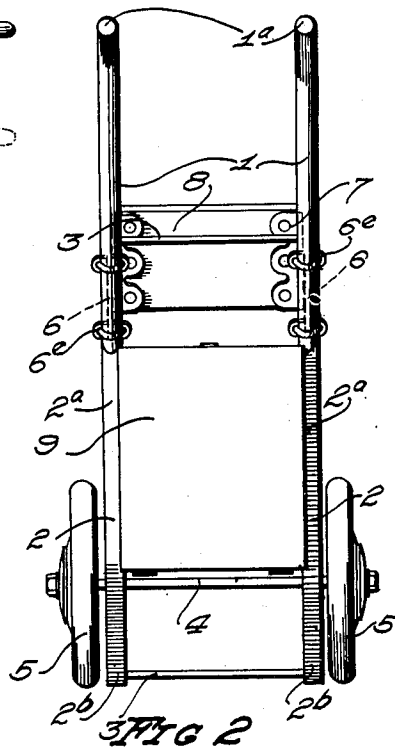
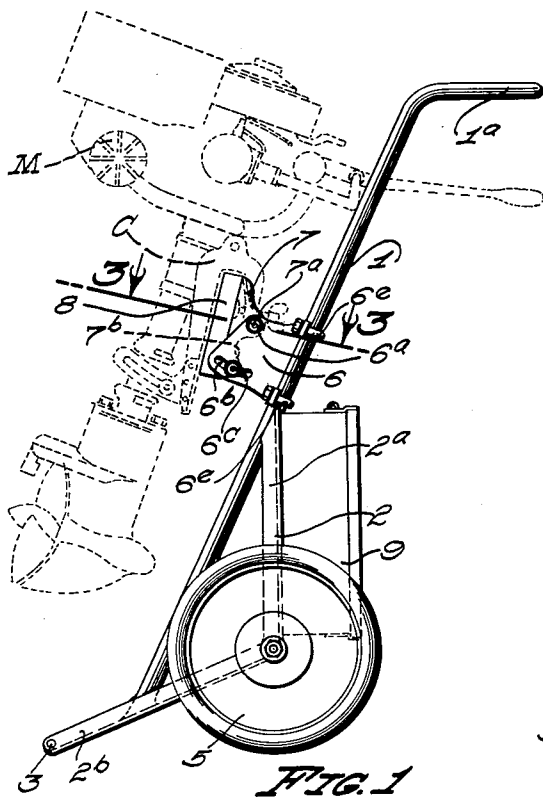
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H. JOHNSTON

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OUTBOARD MOTOR TRUCK AND SUPPORT

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OUTBOARD-MOTOR TRUCK AND SUPPORT

Application filed August 4, 1928. Serial No. 297,577.

My invention relates to outboard motor trucks and supports therefor and the objects of my invention are: first, to provide a device of this class which is especially adapted for supporting and transporting outboard motors; second, to provide a device of this class which may be used for all types of outboard motors; third, to provide a device of this class to which an outboard motor may be quickly and readily yet rigidly secured; fourth, to provide a device of this class which serves as a support for outboard motors while repairing or storing them; fifth, to provide a device of this class which is light and small yet sturdy of construction, and which occupies a minimum amount of space proportional to the load which it is designed to carry; sixth, to provide a device of this class in which the position of the outboard motor may be shifted so as to balance the motor on the device over the point of support of said device and thereby facilitate the transportation thereof; and seventh, to provide a device of this class which is extremely simple of construction proportional to its functions, durable, efficient in its action and which will not deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application in which;

Figure 1 is a side elevational view of my outboard motor truck and support with an outboard motor shown in position thereon by dotted lines; Fig. 2 is another elevational view thereof at right angles to Fig. 1 and Fig. 3 is a fragmentary enlarged sectional view through 3—3 of Fig. 1.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawings.

Side members 1, brace members 2, brace rods 3, axle 4, wheels 5, ears 6, brackets 7, outboard motor support member 8, and tool and

accessory box 9, constitute the principal parts and portions of my outboard motor truck and support.

My outboard motor truck and support consists of a frame work having a pair of side members preferably of tubular construction which extend upwardly and backwardly when the truck is in its normal or supporting position, as shown best in Fig. 1. The side members are curved at their upper portions forming handles 1a. A brace member 2, which consists preferably of angle iron bent into a V-shaped member forming arm portions 2a and 2b extending at an angle with each other, reinforces the lower portion of each side member. The arm 2a which extends substantially vertically when the truck is in the position shown in the drawing is secured by its end a little below the central portion of the corresponding side member 1. The other arm 2b extends forwardly and downwardly from its junction with the arm 2a and is secured near its central portion to the lower end of the corresponding side member, as is shown best in Fig. 1. Each brace with its side member forms a rigid triangularly braced framework. The two braces 2 and side members 1 are connected together by crosswise extending brace rods 3.

At or near the junction of the two arm portions of the brace member 2 is provided a journal means which supports the one end portion of an axle 4. A pair of wheels 5 are mounted on this axle, one of the outside of each brace member as shown best in Fig. 2. Just above the junction of the side members 1 with the upright portion or arm 2a of the brace member 2 is secured by means of U clamps 6e a flat projecting ear 6, one ear to each side member. Each ear extends forwardly of its side member and is provided with a hole in its upper portion adapted to receive a bolt 6a and an arcuate slot 6b at its lower portion concentric with the before mentioned hole. A bracket 7 having two lug portions 7a and 7b with holes therein which aline respectively with the hole and arcuate slot in the ear 6 is provided, one bracket for each ear. The bolt 6a pivotally connects the bracket 7 by means of its lug 7a to the ear

6. A second bolt 6c extends to the arcuate slot 6b and lug 7b for clamping or securing the bracket in the desired position relative to its ear 6. Secured by its ends between the brackets 7 is an outboard motor support member 8 which consists of a rectangular block of material of suitable size and strength to permit the clamp members C of the outboard motor M to be secured, as shown by the dotted lines in Fig. 1.

Mounted between the substantially vertically extending portions or arms 2a of the brace member 2 and forming additional bracing for the frame is a tool and accessory box 9 in which are carried tools, spare parts, fuel or the like necessary to repair the outboard motor.

The outboard motor is transported by moving the handle portions downwardly until the extended portions 2a of each brace member 2 are elevated. It will be noted that these extended portions 2a balance the outboard motor truck when in the position shown in Fig. 1. By adjusting the motor support 8 by means of brackets 7, the center of gravity of the outboard motor may be shifted so as to enable the truck to securely support the motor when in the position shown in the drawings and at the same time permitting the motor to be balanced over the wheels when transporting it, thereby taking the load of the handles 1 and hence off the arms of the operator.

Though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to this particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

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

1. In a truck for supporting outboard motors having clamp members, a pair of side members, a V-shaped brace member secured to each side member with their one arms secured to the central portion of said side members and their other arms secured intermediate their ends to the lower end portions of said side members, the outer ends forming forward supporting posts, a pair of wheels connected at the apexes of said brace members, means secured to the central portion of said side members for receiving said clamp members and supporting said motor forwardly of said side members and substantially vertically over and between said wheels and said forward supporting portions.

2. In a truck for supporting outboard motors having clamp members, a pair of side members, a V-shaped brace member secured to each side member with their one arms

secured to the central portion of said side members and their other arms secured intermediate their ends to the lower end portions of said side members, the outer ends forming forward supporting posts, a pair of wheels connected at the apexes of said brace members, a bracket secured to the central portion of each of said side members and a transverse supporting member pivotally secured at its ends to said brackets, said supporting member adapted to receive the clamp members and support said motor in a position forwardly and clear of said side members.

3. In a truck for supporting outboard motors having clamp members, a frame having handles at its one end, wheels mounted on said frame rearwardly of the other end thereof, a forwardly extending bracket member secured to the central portion of said frame and longitudinally shiftable thereon, and a transversely extending support member pivotally secured to said bracket and angularly adjustable relative to said side members, said support member comprising rectangular portions adapted to receive said clamp members for supporting said motor clear of said frame and substantially vertically above the axis of said wheels.

In testimony whereof I have hereunto set my hand at San Diego, California, this 27th day of July, 1928.

HARRY JOHNSTON.