MOBILE WEDGE PRIER

Eugene V. Read, Grand Junction, Colo.

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2 Claims. (Cl. 254—131)

This invention relates to novel and useful improvements in wedge pryers particularly adapted to be used in gripping certain elements which are jammed or otherwise difficult to remove. An object of this invention is to provide means, selectively positionable, for affecting a protuberance which is to be utilized as a fulcrum in the operation of a wedge or pry bar.

Another object of this invention is to provide extremely simple means for retaining the fulcrum means within the bar.

Another object of the present invention is to provide a rod slidably positionable on a bar which has received therein a fulcrum means which is also selectively positionable relative to the said rod.

A further object of the present invention is to provide a device which is as simple as possible to manufacture and which requires but a minimum of moving parts.

Another object of this invention is to provide an extremely practical and efficient pry bar which is useful in many environments.

Other objects and features of novelty shall become apparent to those skilled in the art, in following the description of the preferred embodiment of the present invention, illustrated in the accompanying drawings, wherein:

Figure 1 is an elevational side view of the present invention;

Figure 2 is a perspective view of a modified fulcrum member;

Figure 3 is a perspective view of another fulcrum member, and;

Figure 4 is a perspective view of another fulcrum member.

This invention has been conceived and developed to provide a device for facilitating the labor involved in prying objects loose from their mountings.

When a tool which has an elongated bar or shank, for example, a screw driver 25, is utilized in electricians' work, mechanics' work and any other types of labor, it often happens that for need for a better tool, the screw driver is used as a prying device. Accordingly, in order to attain greater leverage the invention as disclosed in Figure 1 may be used to cope with the necessity of additional leverage. It is understood however that the invention may be utilized in environments other than electricians' work, mechanical work and the like.

There is a bar 10 having a longitudinal axis, constituting a part of the screw driver 25. This bar or shank has a handle 34 at its upper end, the handle and shank being standard.

A rod 38 is slidably disposed on the bar 10 and is held secured thereto by means of the illustrated apertured brackets, which constitute bearing members 40. The bearing members are fixed to the rod 38 and the bar 10 is passed through the apertures in said bearing members.

There is a longitudinal dovetail slot 42 provided in the rod 38 parallel to the longitudinal axis thereof. This dovetail slot is adapted to accommodate a selected one of the fulcrum members 16, 20 and 22. These fulcrum members are each provided with tongues 18, so shaped as to fit in the dovetail slot 42.

The fulcrum member 16 is provided with a smoothly curved surface, while the fulcrum member 20 is of wedge shape. The fulcrum member 22 is rectangular, each of these fulcrum members being usable in accordance with the prerogative of the person who is using the tool 25.

In operation the rod 38 may be slid on the bar 10 and moreover, the fulcrum member located in the dovetail slot 42 may be slid parallel to the longitudinal axis of the bar 10 and the rod 38. By this action the fulcrum is moved in accordance with desires of the user of the device.

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

1. In a leverage device, an elongated bar, a rod, means slidably securing said rod to said bar, said rod having a longitudinal slot therein which is parallel to the longitudinal axis of said elongated bar, a fulcrum member slidably disposed in said slot, said slot having dovetail edges, and complemental dovetail edges on said fulcrum member engaged in said first mentioned dovetail edges.

2. In a leverage device, an elongated bar with a handle portion at one end, and a work portion at the other end, a rod having bearing members fixed thereto, said bearing members being slidably disposed on said bar spacing said rod from said bar, said rod having a longitudinal slot therein which is parallel to the longitudinal axis of the bar, and a fulcrum member slidably disposed in said slot.