

FIGURE 1

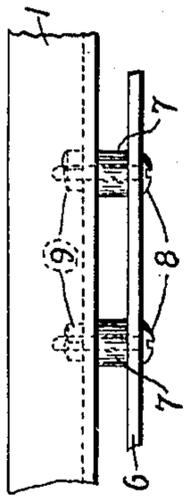


FIGURE 2

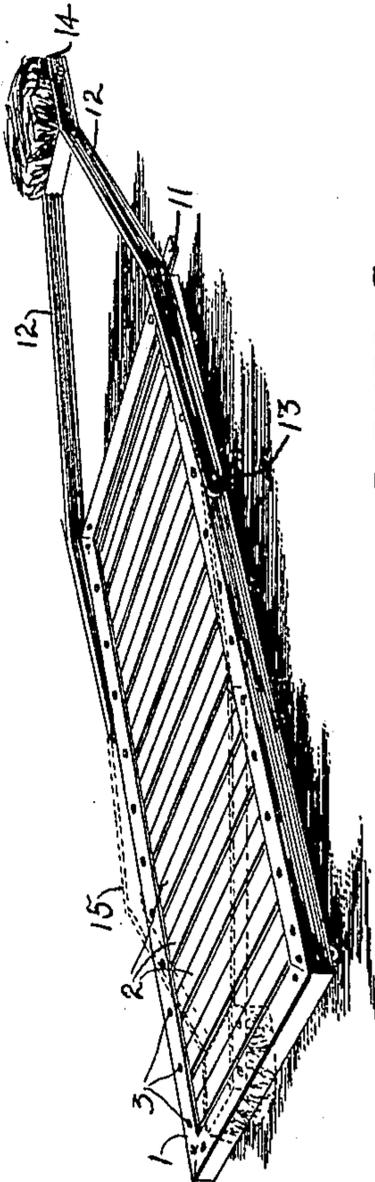


FIGURE 3

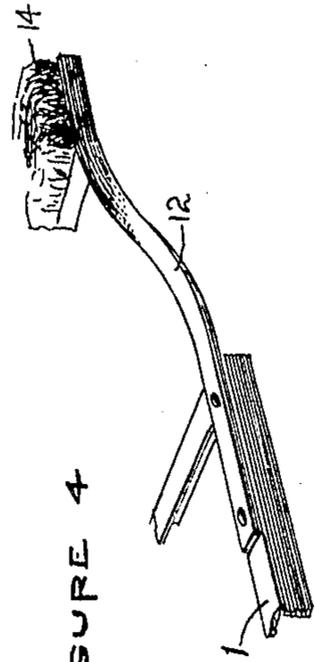


FIGURE 4

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GAETANO J. PACE, OF SAN JOSE, CALIFORNIA.

CAR-REPAIRER'S TRUCK.

1,298,381.

Specification of Letters Patent.

Patented Mar. 25, 1919.

Application filed December 7, 1918. Serial No. 265,705.

To all whom it may concern:

Be it known that I, GAETANO J. PACE, a subject of the King of Italy, and a resident of San Jose, in the county of Santa Clara and State of California, have invented certain new and useful Improvements in Car-Repairers' Trucks, of which the following is a specification.

My invention relates to that form of truck whereby a car repairer may readily move himself about under a car and in a reclining position and perform work thereupon.

One object of my invention is to provide a device of the character indicated that will enable an operator to quickly and easily position himself as desired under a car and as quickly and easily remove himself therefrom without placing his body in contact with the floor under the car. Another object is to provide a device of the character indicated that is provided with a resiliently supported head-rest whereby certain advantages are obtained as hereinafter more fully set forth. It is also an object of the present invention to provide a device of the character indicated that is simple in construction, strong and durable, and that can be so constructed as to be compactly folded for storage or transportation.

With these and other objects in view the invention consists in the novel and useful provision, formation, construction, combination and relative arrangement of parts, members and features all as hereinafter described, shown in the drawings and finally pointed out in the claims.

In the drawings:

Figure 1 is a front elevation of my improved car repairer's truck, partly in section.

Fig. 2 is a plan view of the front portion of the device indicated at 2—2 in Fig. 1.

Fig. 3 is a perspective view of the invention in position ready for use.

Fig. 4 is a perspective view of a portion of another embodiment of my invention in which a non-foldable, resiliently supported head-rest is provided.

Similar characters of reference indicate similar parts throughout the several views.

Referring now more particularly to the drawings, 1 indicates a frame built up of suitable angle irons and filled in with a plurality of metal slats 2 positioned transversely thereof and secured thereto by rivets 3. Beneath each of the four corners of

frame 1 is placed a caster 4 secured thereto by rivets 5.

At 6 is shown a spring-bar positioned parallel with the front end of frame 1, spaced a distance therefrom by spacing members 7, and secured thereto by bolts 8 passing through bar 6, spacing members 7 and frame 1 and provided with nuts 9. These bolts 8 are positioned near the center of bar 6, the said bar 6 extending outwardly in both directions beyond the sides of frame 1, and being twisted as at 10 to form flat horizontal terminals 11 to engage supports 12. Each support 12 consists of a single bar pivoted to the side of frame 1 as at 13 and passing forwardly of spring-bar 6, the two supports 12 converging at their outer ends to engage a head-rest 14.

In use the operator reclines upon his back upon the device with his head resting upon head-rest 14 and with his legs and arms free to manipulate the device and to perform the required work upon the mechanism above him.

In performing this work the muscles of the back, shoulders and neck are brought into play, becoming tense and rigid when unusual force is being applied to some piece of mechanism. If, as frequently happens, the tool being used slips or the part being worked upon suddenly loosens while the muscles are in the condition stated, their sudden and unexpected relaxation throws the head of the operator sharply against head-rest 14, the jar being absorbed by the members 12 and their spring support 6. This is a material and practical feature of this invention inasmuch as it eliminates a form of physical discomfort and possible injury to which an operator on this class of work is constantly subjected when no buffer for the head is provided.

In Fig. 4 it is shown that the head-rest may be mounted upon the spring members fixedly attached to frame 1, in which case the folding feature shown in the embodiment described is not present.

In order to fulfil the purpose for which it is designed the frame 1 must necessarily be so constructed and fitted with wheels that its top surface will be close to the floor, preferably not more than one and one-half or two inches from the floor.

In dotted lines at 15 the head-rest is shown folded over upon frame 1. When folded in this manner the device occupies

but little space and may be easily carried or stored.

It is understood, of course, that I do not wish to confine myself to the specific form of the invention herein shown and described, but to include all changes in form, material, construction and operation that may be included within the scope of the appended claims.

10 I claim:

1. A car repairer's truck comprising a wheeled body-supporting structure having centrally mounted resilient supporting means operatively positioned at the end thereof and extending a distance beyond the sides thereof, and a head-rest pivotally

mounted on said structure and adapted to engage said resilient supporting means.

2. A car repairer's truck comprising a wheeled body-supporting structure having a centrally supported bar arranged parallel with and a distance from one end thereof and extending a distance beyond the sides thereof, a bar pivotally mounted on each side of said structure and adapted to engage the upper surface of said parallelly arranged bar, and a head-rest mounted upon both of said pivotally mounted bars.

15 In testimony whereof I have hereunto affixed my signature, this 30th day of November, 1918.

GAETANO J. PACE.

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