March 14, 1950 C. S. TRISSLER 2,500,887

TRACTOR BLADE FORK

Filed Dec. 11, 1947

Fig. 1.

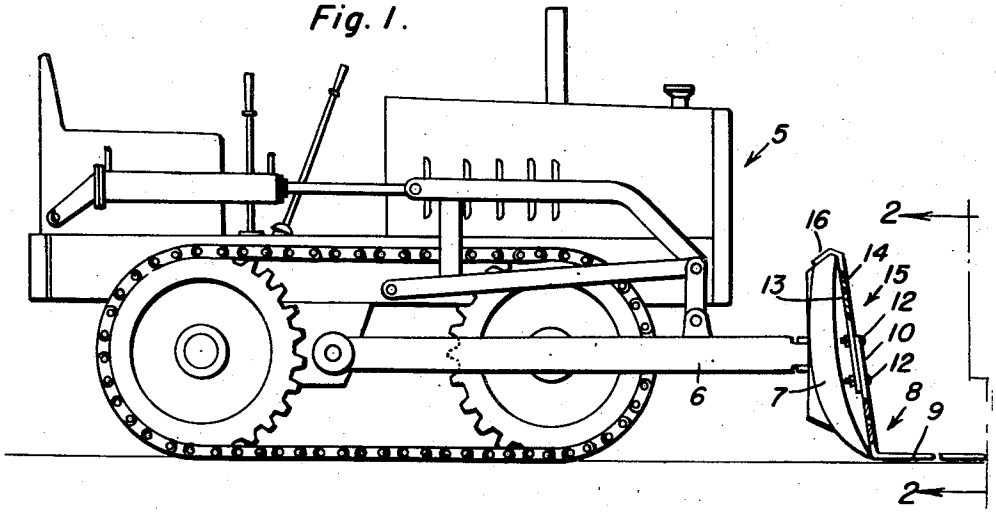
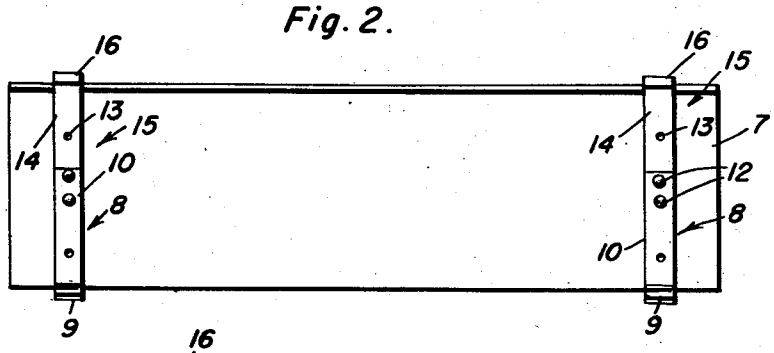



Fig. 2.



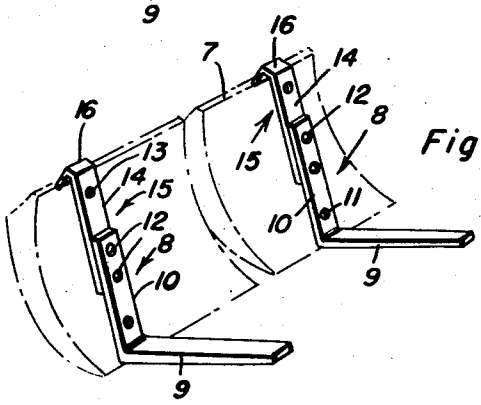




Fig. 3.

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## TRACTOR BLADE FORK

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2 Claims. (Cl. 214—131)

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The present invention relates to forks such as may be used in a practical and satisfactory manner on levelling and grading blades used on tractors, so called bulldozers, and the like.

In reducing to practice the principles of the instant invention, I have found it expedient and practical to merely attach simple brackets or forks to the tractor blade and to employ said forks for load-carrying and other transportation accomplishments.

More explicitly, an object of the present invention is to provide two or more L-shaped brackets having attaching hooks whereby same may be readily suspended on the upper edge portion of the tractor blade, the horizontal portions thereof then projecting in advance of the blade and serving to accommodate planks or the like which are used in building a temporary platform on and in conjunction with the blade for purposes of conveniently supporting and transporting drums of fuel oil and supplies to such equipment as power shovels, air compressors, and so on and so forth.

Briefly, each bracket or fork is of sectional construction and one section is of L-shaped form and the other section in the nature of a hook, coacting portions of the two sections being adjustably bolted together to enable said brackets to be satisfactorily suspended and employed on tractor blades of varying widths.

Other objects and advantages of the invention will become more readily apparent from the following description and the accompanying illustrative drawings.

In the drawings:

Figure 1 is a side elevational view of a tractor or bulldozer showing one of the fork attachments on a stock-type surface levelling and grading blade.

Figure 2 is a front view taken on the approximate line 2—2 of Figure 1, looking in the direction of the arrows.

Figure 3 is a perspective view showing a pair of the brackets in use and showing the blade in phantom or dotted lines.

Reference is had now to Figure 1 wherein the tractor, as an overall structure, is denoted by the numeral 5, the same having liftable and lowerable adjustably mounted arms 6 carrying at their forward ends the aforementioned work blade 7. It is to the latter that the attachments are detachably connected. Each attachment is a fixture or bracket and both are the same, and the description of one will suffice for all. To this end, the main L-shaped portion or section of the bracket

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is denoted by the numeral 8 and this has a horizontal limb 9 and a substantially vertically disposable limb 10, the latter having bolt holes 11 to accommodate bolts 12, the bolts 12 fitting into bolt holes 13 in the shank or limb portion 14 of the upper or hook section 15. The hook of the latter, denoted at 16, is shaped to take over and hang on the upper edge portion of the blade 7. It follows that the sections are adjustably bolted so that the hook 16 engages over the upper edge and the heel of the L-section 8 rests against the cutting or lower edge of said blade.

It is obvious that by hanging two or more of these fixtures on the tractor blade, they, in conjunction with the blade, serve to accommodate boards, planks, or the like in building a temporary platform, the platform being raisable and lowerable in conjunction with the blade and also being adapted to serve as a simple and practical carrier for loads of varying types on any construction job, railroad, highway, and the like. In and around farms, much miscellaneous equipment has to be transported, and instead of using trucks, these simple attachments make it possible to carry the equipment (pumps, drills, tools, etc.) on the tractor as the tractor is moved to the place where the work is to be performed.

It is believed novel in this line of endeavor to take advantage of the readily available blade on a tractor or bulldozer and to apply thereto simple adjustable brackets or fixtures, the latter of such construction that they may be utilized for load handling and transporting purposes.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention, the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and within the scope of the appended claims.

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

1. In a structure of the class described, in combination, a tractor including a transverse vertically adjustable blade of a conventional bulldozer type, a pair of duplicated longitudinally spaced brackets, said brackets being removably hung on and attached to and extending across the concaved advance surface of said blade, each bracket comprising an L-shaped section whose heel por-

tion rests upon the usual lower cutting edge of said blade, whose horizontal limb projects forwardly beyond said blade and whose remaining limb partially spans the concaved surface of said blade, a hook engageable over the upper edge of said blade, said hook having a depending shank overlapping the vertical limb of said L-shaped section, said shank being adjustably and detachably connected with said limb.

2. A plank hanging and supporting attachment for a conventional-type tractor blade comprising an L-shaped section whose heel portion is adapted to rest on the cutting edge of said tractor blade, whose horizontal limb is adapted to project forwardly beyond said blade and whose remaining limb is adapted to rise in vertical spaced relation in advance of the usual blade, and a hook engageable over the dished front surface of the upper edge of the tractor blade, said hook having a shank portion and said shank portion being detachably connected with said L-shaped section.



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