Aug. 6, 1940. E. J. STORY 2,210,347

TOOL BOX FOR AGRICULTURAL MACHINERY

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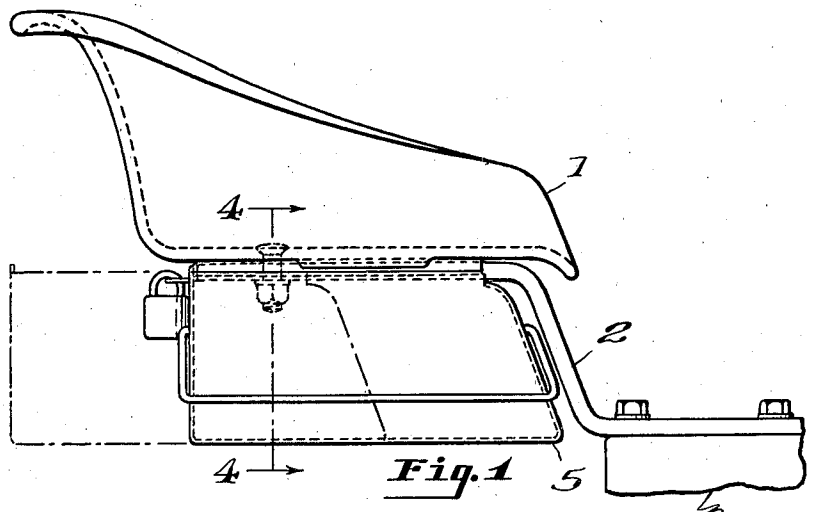


Fig. 1

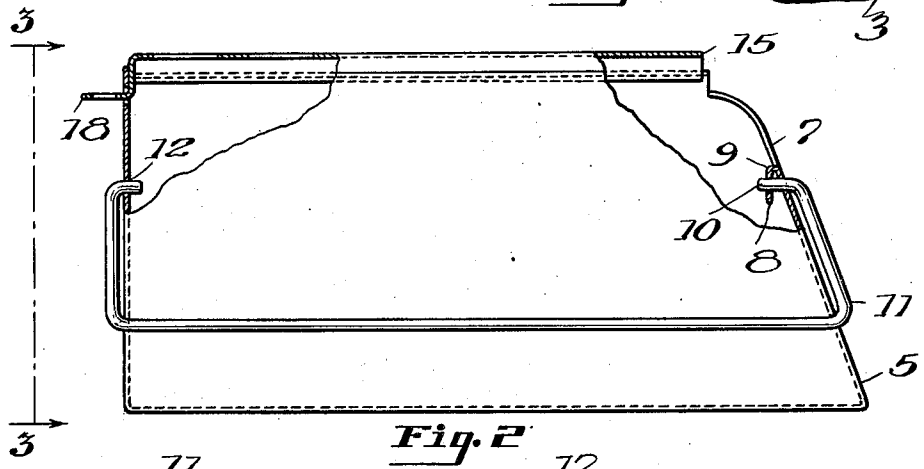


Fig. 2

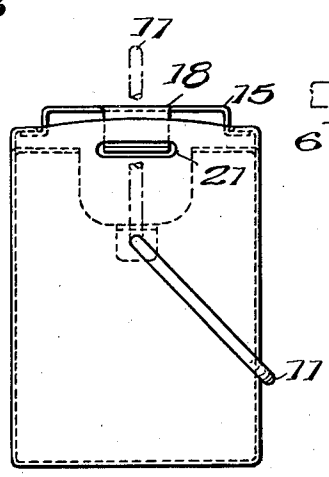


Fig. 3

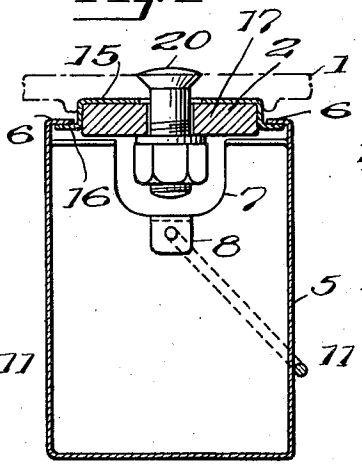


Fig. 4

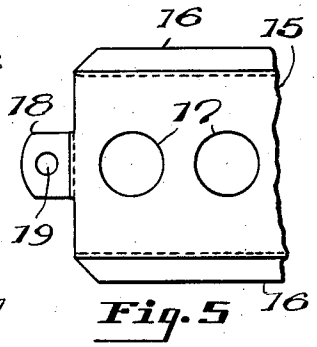


Fig. 5

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TOOL BOX FOR AGRICULTURAL MACHINERY

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3 Claims. (Cl. 206—19.5)

The present invention relates to an improved tool box particularly for use with agricultural machinery, such as tractors and the like, where seats are provided for the operator.

Essentially, the invention pertains to a removable tool box which is suspended below the seat of a farm implement and where the supporting means forms the top of the box.

One of the objects of this improved construction is to support the tool box in a handy location where it is readily accessible and may be removed without difficulty and carried from place to place.

Another object is to provide the tool compartment with a simple locking device and to arrange a folding bail therefor to assist in the removal of the box from its support and to act as a handle when the box is to be carried about.

In the drawing,

Fig. 1 is a side elevation of a tractor seat showing the tool box in closed position thereunder and partly removed in dotted lines;

Fig. 2 is a side elevation partly in cross section and partly broken away of the tool and cover plate;

Fig. 3 is a front view partly in cross section looking in the direction of the arrows 3—3 in Fig. 2;

Fig. 4 is a vertical cross sectional view taken on line 4—4 in the direction of the arrows in Fig. 1; and

Fig. 5 is an enlarged fragmental top plan view of the top supporting plate of the tool box.

As illustrated in Fig. 1, the tool box is combined with the usual pressed metal seat 1 of an agricultural machine, as for instance, a tractor, and it is customary practice to bolt such seats to offset bars or standards 2 secured to any convenient part of the implement or tractor 3.

The tool box proper comprises a substantially rectangular sheet metal casing 5 in which the upper longitudinal side edges 6—6 are inturned for a short distance. The forward end of the box may be formed with a longer bottom than top portion to more closely conform to the particular angle of the seat supporting standard 2, and, as shown in Figs. 2 and 4, the front upper edge of the box is cut away at 7. The central section 8 of this cut away part 7 is inturned at 9 to form a pivot 10 to thus support one end of a bail or carrying handle 11, which normally lies along the side of the box with its opposite end pivoted in an opening 12 formed in the rear face of the box.

The box is mounted on or suspended from a plate 15 which also acts as a closure for the box and provides means for preventing unauthorized removal thereof. As shown, the end of the plate 15 is provided with downturned and outwardly flared longitudinal side edges 16, and has one or more openings 17 in the central portion thereof. The rear edge of the plate is formed with a downturned and outwardly flared tab or tongue 18 having an opening 19 therethrough.

In use, the seat bolt 20 is removed and the plate 15 placed over the seat supporting bar 2, whereupon the seat is reassembled thereover with the bolt 20 firmly holding the parts together. The tool box 5 may then be readily slipped over the rear end of the plate 15 and slid forward along the flanges 16 until the front end of the box strikes the bar 2, with the inturned side edges 6 of the tool compartment resting or suspended on the flanges. The cut away portion 7 allows the lower part of the bolt 20 to pass through the end wall of the box as it is positioned on the flanges.

When the box 5 is in its forward position the tongue 18 will project through slot 21 provided in the rear wall of the box 5 so that a padlock 22 may be secured in the opening 19 in the tongue to block the box against unauthorized removal.

The pivoted handle 11, while primarily for carrying the tool box from place to place, is of considerable value in removing the box from its support, as it may be raised to a horizontal position, then pulled backwardly to readily disengage the box from its support.

What I claim is:

1. A tool box comprising a substantially rectangular compartment having an open top, the upper longitudinal side edges thereof being slightly inturned, a top for said compartment consisting of a plate having downturned and outwardly flared longitudinal side edges, a bar secured to the longitudinal central portion of said top plate, the said compartment being adapted to slide over and be suspended from the flared edges of said plate.

2. A tool box of the type set forth in claim 1, wherein one end of the plate has a projecting tongue thereon for engagement with a slot formed in the end of said box, said tongue being provided with an opening for the reception of a padlock.

3. A tool box of the type set forth in claim 1, wherein the front end of said box is cut-away, a tongue formed on the lower part of said cut-away portion, said tongue being bent inwardly and a carrying bail pivotally secured through the front and rear walls of said tool box and through the rear wall of said bent tongue.

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