Oct. 30, 1923. 1,472,701

A. W. VOGELAAR

TOOL BOX

Filed Nov. 7, 1921

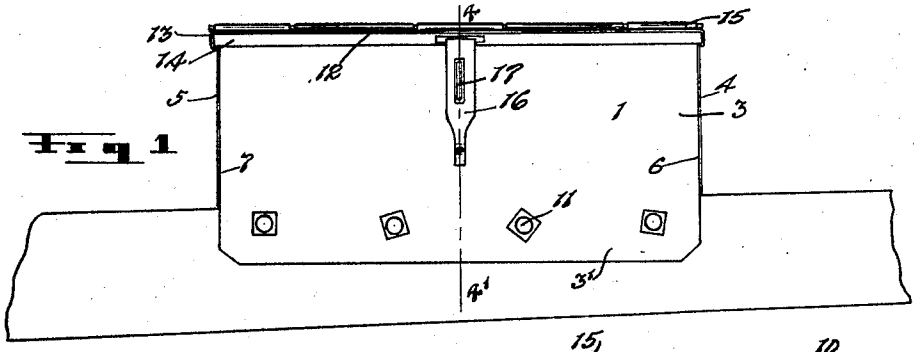


Fig 1

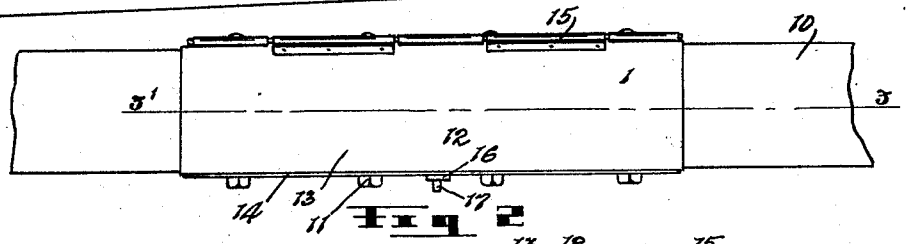


Fig 2

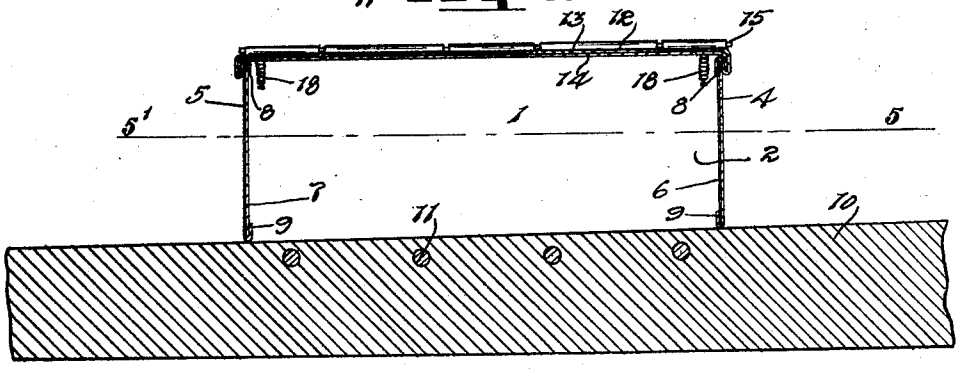


Fig 3

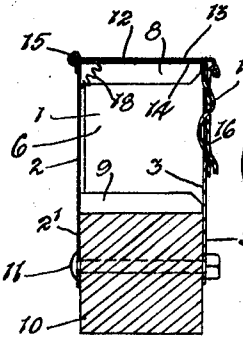


Fig 4

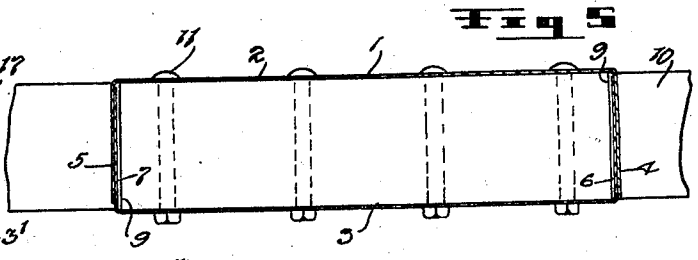


Fig 5

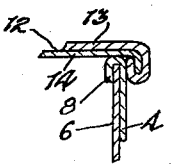


Fig 6

INVENTOR
A. W. Vogelaar
BY Fishwick Anderson & Co.
ATTYS

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UNITED STATES PATENT OFFICE.

ANTHONY WILLIAM VOGELAAR, OF BULYEA, SASKATCHEWAN, CANADA.

TOOL BOX.

Application filed November 7, 1921. Serial No. 513,453.

To all whom it may concern:

Be it known that I, ANTHONY WILLIAM VOGELAAR, of the town of Bulyea, in the Province of Saskatchewan, Canada, have invented certain new and useful Improvements in Tool Boxes, of which the following is the specification.

The invention relates to improvements in tool boxes and particularly to a tool box for use on the poles or tongues of agricultural and such like implements and the object of the invention is to provide a simply constructed tool box which can be readily attached to the tongue or similar support and which is arranged so that it can be easily and quickly adjusted to accommodate the tongue or pole on which it is to be applied.

A further object is to construct a bottomless box fitted with a cover and with the cover and box body arranged so that they can be adjusted in width to accommodate the width of the pole and thereby permit of the use of the box on various implements as occasion requires.

With the above more important objects in view the invention consists essentially in the arrangement and construction of parts hereinafter more particularly described and later pointed out in the appended claims, reference being had to the accompanying drawing in which:—

Fig. 1 is a side view of the box as it appears mounted on and attached to the tongue or pole.

Fig. 2 is a plan view of the box.

Fig. 3 is a vertical sectional view at 3—3′ Figure 2.

Fig. 4 is a vertical sectional view at 4—4′ Fig. 1.

Fig. 5 is a horizontal sectional view at 5—5′ Figure 3.

Fig. 6 is an enlarged detailed sectional view through the joint formed at one of the upper corners of the box.

In the drawing like characters of reference indicate corresponding parts in the several figures.

The body 1 of the box is substantially rectangular and comprises a back 2 and front 3, the back being provided with end extensions 4 and 5 whilst the front is fitted with end extensions 6 and 7. The end extensions 4 and 5 have their upper and lower edges fitted with inturned flanges 8 and 9 which form guides receiving slidably the upper and lower edges of the end pieces 6 and 7.

From the above arrangement it will be apparent that the front and the back of the box can be pulled apart or closed together whilst maintaining the ends of the box closed and this adjustment is made to accommodate the width of the box to the tongue, pole or such like 10 to which it may be attached.

Here it may be observed that the front and back of the box extend downwardly beyond the ends to form attaching wings 2′ and 3′ which receive between them the upper side of the tongue. Actually the tongue closes the bottom of the box after the same has been mounted thereon and adjusted in width to conform to the width of the tongue. The box body is held in place by removable bolts 11 passing through the wings 2′ and 3′ and through the tongue. Obviously if a farmer bores properly spaced bolt holes in the tongues of the various implements he may have he can apply the box on any of the tongues.

The cover or lid 12 of the box is formed from two slidably connected sections 13 and 14, the ends of the sections being connected one to the other by the sliding joint best shown in Figure 6. The rear edge of the top section is connected by a hinge 15 to the back of the box and the front edge of the under section carries a pivoted hasp 16 adapted to be caught by a spring catch 17 carried by the front of the box.

Coiled springs 18 extend between the cover and the back of the box, these springs having a natural tendency to hold the cover closed and as the upper ends of the said coiled springs are attached to the under section of the cover they have a natural tendency to close together the cover sections.

As before intimated it is an easy matter for a farmer to attach this box to any tongue or pole as he has simply to open it to fit the pole, then bolt it and afterwards when closing the cover extend it to close over the body of the box.

Whilst I have described the box as utilized particularly on a pole or tongue it will be understood that it can be set up on any support which will form a nautral bottom closing the bottom of the box and permit-

ting of the bolting of the box to the support by the bolts 11.

What I claim as my invention is:—

1. The combination with a tongue, pole or such like, of a substantially rectangular open bottomed box body mounted on the tongue and having the ends of the box body bearing on the tongue and the front and back of the box body extending beyond the ends and embracing the sides of the tongue, bolts connecting the front and back of the box to the tongue and a pivoted cover attached to the box body.

2. The combination with a tongue, pole or such like, of a substantially rectangular open bottomed box body having expansible and contractible ends resting on the tongue and adjustable to accommodate the width of the tongue and the front and back of the box body extending beyond the ends thereof and embracing the sides of the tongue, means fastening the front and back of the applied box body to the tongue and an adjustable hinged cover for the box body.

3. An open bottomed substantially rectangular tool box having expansible and contractible ends and the front and back of the box body projecting downwardly beyond the ends to provide attaching means and a cover hinged to the top of the box body and adjustable in width to accommodate the adjustment in width of the box body.

4. An open bottomed substantially rectangular tool box having expansible and contractible ends and the front and back of the box body projecting downwardly beyond the ends to provide attaching means and a cover pivotally attached to the box body, the said cover being formed from two parts slidably connected together and permitting of the widening of the cover to accommodate an increase of width of the box body.

5. An attachment for vehicle tongues comprising a tool box provided with extending flanges disposed to lie on opposite sides of the tongue, said flanges being relatively adjustable to accommodate tongues of varying width therebetween.

6. An attachment for vehicle tongues comprising a tool box provided with extending flanges disposed to lie on opposite sides of the tongue, said box being adjustable to vary the capacity thereof and to simultaneously vary the distance between the flanges to accommodate tongues of varying width.

7. A tool box attachment for vehicle tongues, comprising side and end walls, the said end walls being adjustable in length and said side walls being extended downwardly beyond the end walls to provide attaching flanges disposed to lie on opposite sides of the tongue, the latter being utilized to form the bottom of the box.

8. The combination with a vehicle tongue of a tool box structure, comprising front, rear and end walls, said end walls comprising telescoping sections adjustable to vary the effective capacity of the box, the front and rear walls being extended downwardly beyond the end walls to form flanges disposed to lie on opposite sides of the tongue and adjustable with the front and rear walls to accommodate tongues of varying width therebetween and a cover for the box comprising relatively adjustable sections arranged to permit adjustments of the cover in conformity with the adjustment of the box.

9. The combination with a vehicle tongue of a rectangular body open at the bottom and supported on the upper surface of the tongue to form a tool box, the bottom of which is afforded by the said upper surface of the tongue and side flanges carried by the body portion embracing the said tongue and secured thereto.

Signed at Bulyea this 26th day of May 1921.

ANTHONY WILLIAM VOGELAAR.

In the presence of two witnesses—
D. S. McElroy,
G. T. Gamey.