No. 859,967. PATENTED JULY 16, 1907.

A. B. McLEAN.

SEAT.

APPLICATION FILED DEC. 17, 1906.

Fig. 3.

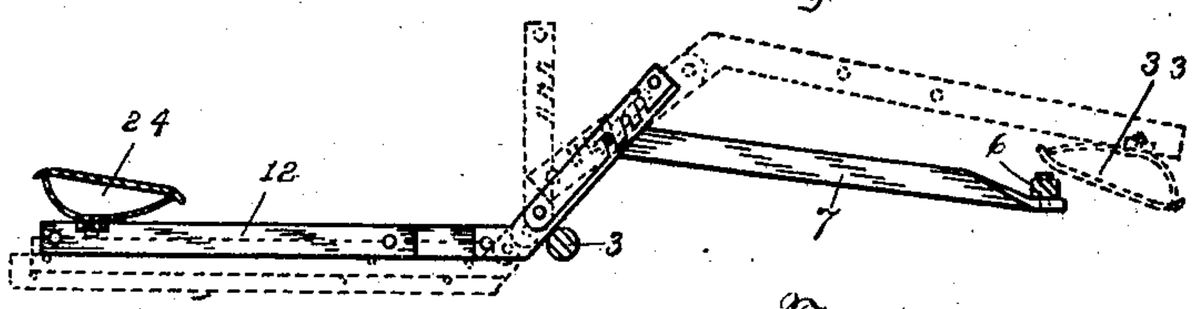


Fig. 2.

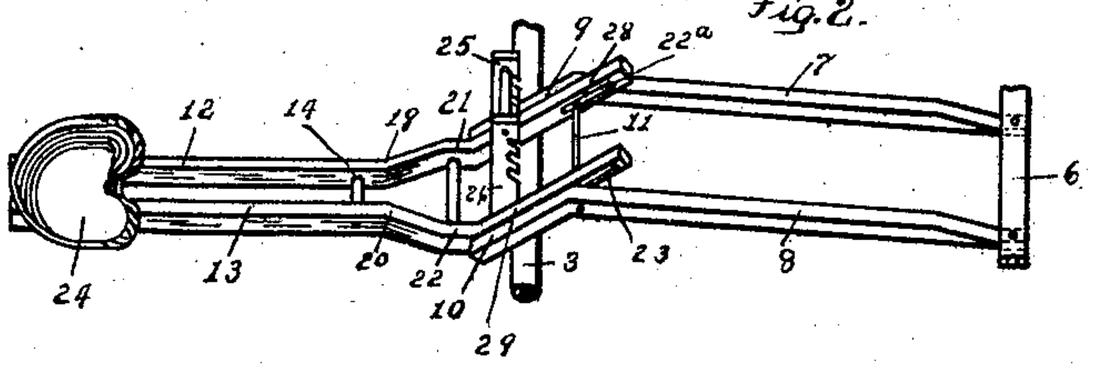


Fig. 7.

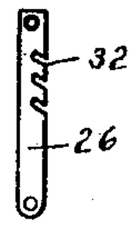


Fig. 4.

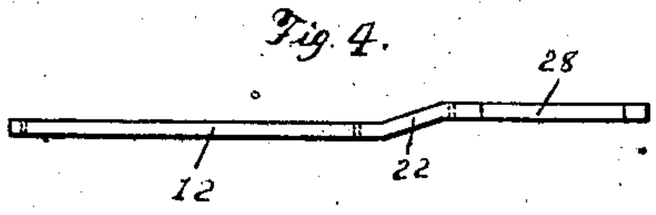


Fig. 6.

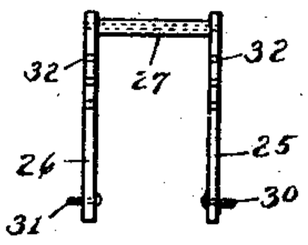


Fig. 5.

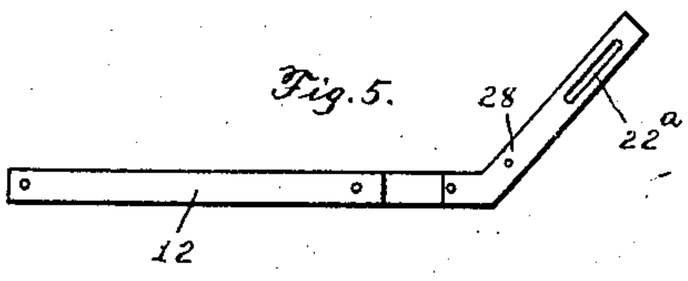
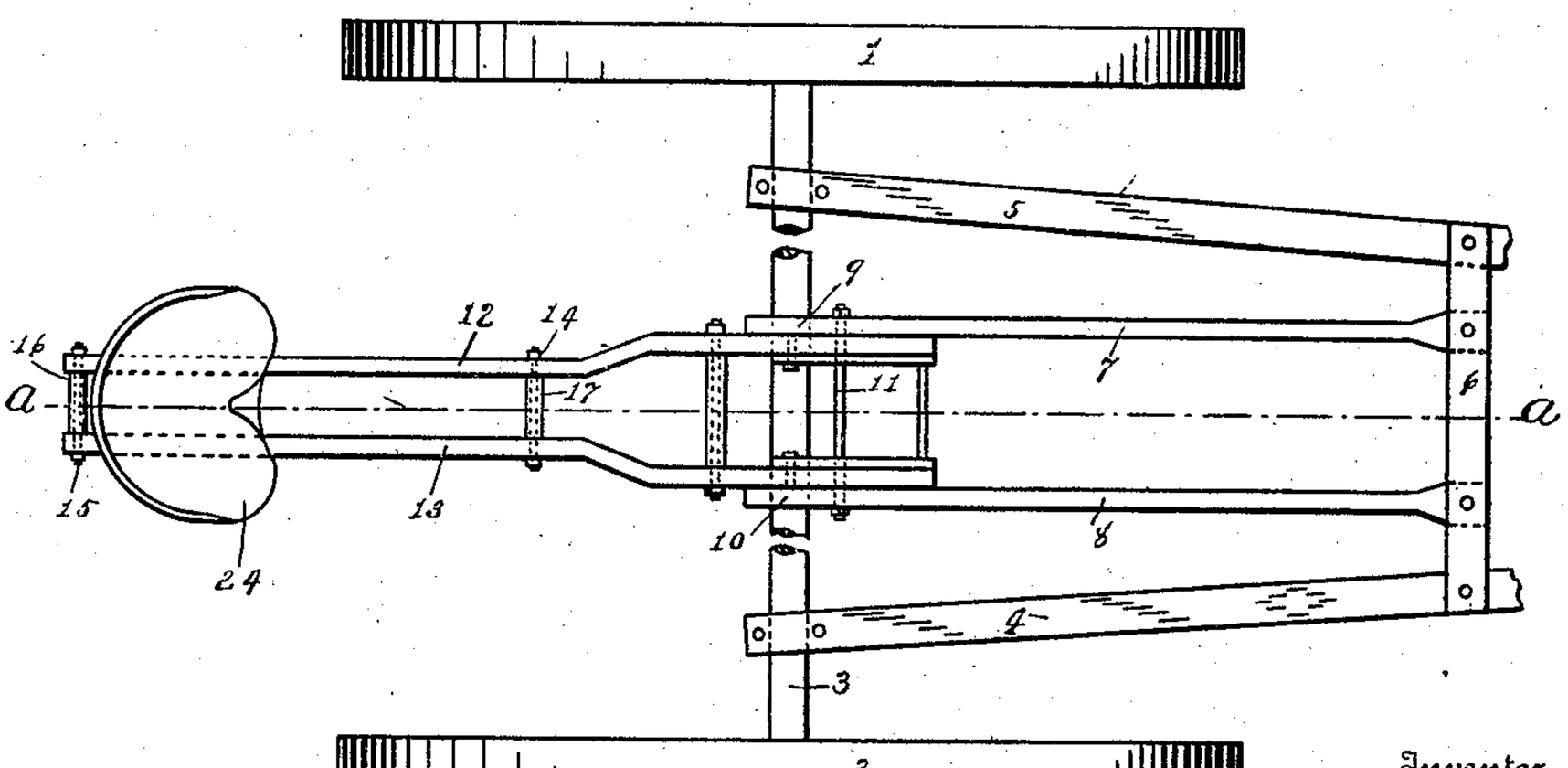


Fig. 1.



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UNITED STATES PATENT OFFICE.

ANDRUS B. McLEAN, OF MANSFIELD, OHIO.

SEAT.

No. 859,967. Specification of Letters Patent. Patented July 16, 1907.

Application filed December 17, 1906. Serial No. 348,114.

To all whom it may concern:

Be it known that ANDRUS B. McLEAN, a citizen of the United States, residing at Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Seats, of which the following is a specification.

My invention relates to a seat that is especially adapted to be used in connection with agricultural implements or the like.

One of the objects of my invention is to provide a seat that can be elevated or lowered to different planes and adjustably retained at such a plane as will be found most convenient for the operator.

A further feature of my invention is the means employed to pivotally connect the bars comprising the frame of the seat to the implement or machine to permit the seat to be folded upon the top so as to remove it out of the way and keep it from interfering with the operator when he prefers to walk and drive in close proximity thereto.

In the accompanying drawings, Figure 1 is a plan view of my device showing it attached to an agricultural implement, ready for use. Fig. 2 is a perspective view showing the device detached from the implement and a broken section of a cross-brace of the implement to which one end of two supporting bars are attached. Fig. 3 is a side elevation in cross-section on the line *a a* of Fig. 1 of my device showing the position of the seat when folded in dotted lines and dotted lines showing the relative position of the seat and frame when adjusted to a lower plane. Figs. 4 and 5 are top and side views respectively of one of the bars comprising the seat frame. Figs. 6 and 7 are top and side views respectively of the double rack bars.

In the drawings, Fig. 1 represents a grain drill partly in section to wit; the wheels 1 and 2, axle 3, side pieces 4 and 5 of the frame work and a cross-brace 6, said brace 6 forming part of the frame-work of the drill to which my device is attached.

In the construction of my device I employ two angle bars 7 and 8 having one end of each flattened, spaced apart and rigidly secured to the cross piece 6 leaving the angular ends 9 and 10 resting on and supported by the axle 3. Adjacent to the ends of the bars 9 and 10 that form the angle or incline plane apertures are provided into which a bolt 11 is inserted to hold the bars 7 and 8 together and parallel with each other.

The supporting frame of the seat is made of two bars 12 and 13 which are spaced apart and connected together on one end by the bolts 14 and 15 with sleeves 16 and 17 interposed therebetween leaving an opening 18. The opposite end of the bars 12 and 13 at the points indicated by the numerals 19 and 20 and adjacent to the opening 18 are bent and diverge outwardly at an angle thence inwardly parallel with each other to fit between the supporting bars 7 and 8; thence upwardly at an angle from the points indicated by the numerals 21 and 22 at such an angle as will correspond and coincide with the angular ends 9 and 10 of the bars 7 and 8.

In the upper extremities of the bars 12 and 13 slots 22^a and 23 are provided through which the bolt 11 passes permitting the bars comprising the seat frame to be slidably adjusted to a lower or higher plane to accommodate the requirements of the driver or operator of the implement or machine.

In order to adjustably support the bars 12 and 13 to which the seat 24 is attached, two bars 25 and 26 are provided and connected together by the bolt 27. The bars 25 and 26 are pivotally attached to the angular ends 28 and 29 of the bars 12 and 13 by the pintles 30 and 31. The bars 25 and 26 have diagonally arranged notches 32 near their upper ends and are adapted to engage with the bolt 11 thereby supporting the seat and its frame at any point of its adjustment.

The arrangement of forming an incline plane through the medium of the downturned ends 9 and 10 of the supporting bars 7 and 8 in conjunction with the upturned ends 28 and 29 of the bars 12 and 13 affords facilities for elevating or lowering the seat 24 and at the same time maintaining the seat and frame at the same plane at any point of their adjustment no matter whether it is higher or lower with reference to the frame of the implement to which it is attached.

The seat and bars comprising the seat frame can be folded over upon the top of the machine or implement as shown in Fig. 3 to the position shown by the dotted lines 33. The bars pivot on the bolt 11. When it is desired to elevate or lower the seat to a different plane the bars are swung out of engagement with the bolt 11 and forced to engage with the notches 32 formed on the bars at a higher or lower point.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:

1. In a seat, supporting bars spaced apart and attached to the frame of an implement, bars comprising a seat supporting frame adjustably secured to said supporting bars, means to adjust said bars comprising the seat frame, notched bars pivotally connected to the seat frame, a bolt connecting the supporting bars: said bolt located in alinement with the notched bar whereby the notched bars can engage with said bolt for the purpose of adjustment.

2. In a seat, comprising two supporting bars with downturned angular ends, two bars with upturned angular ends spaced apart and fitted between the aforesaid bars providing a seat supporting frame, a bolt pivotally connecting the supporting bars and frame bars, notched bars pivotally secured and adapted to swing between the ends of the seat frame bars and engage with said bolt.

3. In a seat for agricultural implements or the like, two supporting bars spaced apart having one end attached to said implement with the opposite ends downturned forming an angle and adapted to rest on the axle of the implement, a bolt connecting said downturned ends, two bars spaced apart to slidably fit between said supporting bars and connected together to provide a seat supporting frame, means

to elevate or lower the bars comprising the seat frame and retain them at any point of adjustment.

4. In a seat for agricultural implements, two bars spaced apart with their ends secured to the frame and the opposite ends downturned at an angle and supported by the axle of the implement, two bars spaced apart and connected together comprising a seat frame: said bars having their front ends upturned at an angle corresponding with the upturned ends of the supporting bars, means to slidably adjust said bars forming the seat frame to different planes without detaching or removing any part thereof.

5. In a seat, two bars spaced apart and connected together forming a support, two bars provided with slotted angular ends spaced apart and connected together forming a seat frame and adapted to slidably fit between said supporting bars, a bolt to engage with said slots pivotally connect the bars comprising the seat frame to the supporting bars whereby the seat can be adjusted and folded.

In testimony whereof I affix my signature in presence of two witnesses.

ANDRUS B. McLEAN.

Witnesses:
P. R. SPENCER,
ZORA PATTERSON.