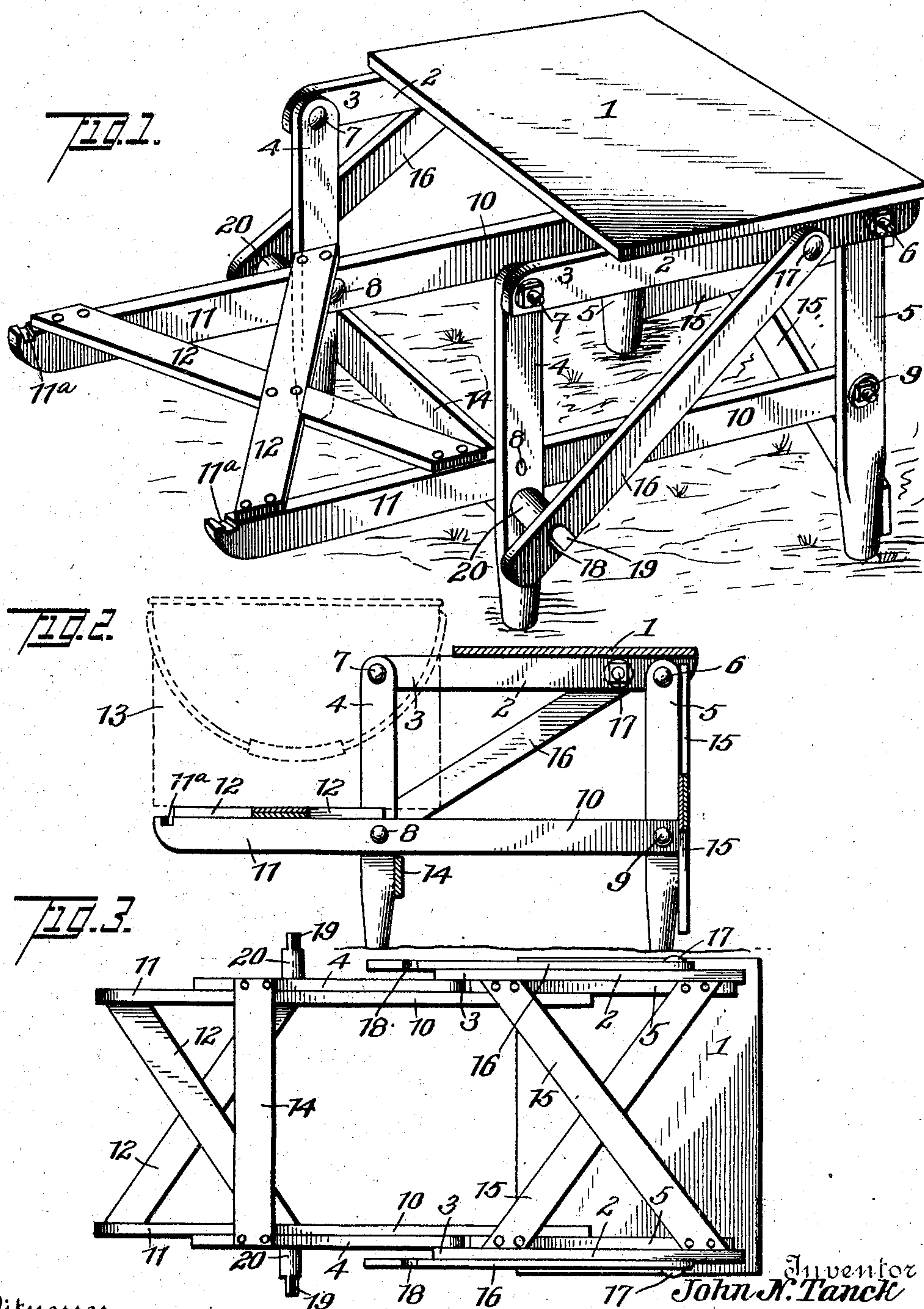


No. 791,593.

PATENTED JUNE 6, 1905.

J. N. TANCK.  
MILKING STOOL.  
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Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN NICKOLUS TANCK, OF PIPESTONE, MINNESOTA.

## MILKING-STOOL.

SPECIFICATION forming part of Letters Patent No. 791,593, dated June 6, 1905.

Application filed April 15, 1905. Serial No. 255,810.

*To all whom it may concern:*

Be it known that I, JOHN NICKOLUS TANCK, a citizen of the United States, residing at Pipestone, in the county of Pipestone and State of Minnesota, have invented a new and useful Milking-Stool, of which the following is a specification.

The invention relates to improvements in milking-stools.

The object of the present invention is to improve the construction of milking-stools and to provide a simple and inexpensive one of great strength and durability adapted to be compactly folded when not in use and capable when in use of forming a support for the milk-pail.

A further object of the invention is to provide a milking-stool of this character in which the front legs of the stool will be arranged to hold a milk-pail against lateral movement to obviate the necessity of positively clamping a milk-pail or other receptacle to the milking-stool.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a milking-stool constructed in accordance with this invention and shown arranged for use. Fig. 2 is a vertical sectional view of the same, the milk-pail being shown in dotted lines. Fig. 3 is a reverse plan view, the parts being folded.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a seat which may be of any desired construction and which is provided at opposite sides with parallel bars 2, secured to the lower face of the seat and extending in advance of the same, the extended portions 3 being arranged to receive the front legs 4 for

a purpose hereinafter described. The rear legs 5 of the milking-stool are also connected at their upper ends with the side bars 2 of the seat 1 by means of suitable pivots 6, which may consist of bolts, rivets, or any other suitable fastening devices. The pivots 7 of the front legs are located at the front ends of the side bars 2, and the front and rear legs are also connected by pivots 8 and 9 to lower parallel bars 10, which are extended in advance of the front legs, the extended portions 11 being adapted to support a milk-pail or other receptacle. The extended portions of the bars 11 are connected by diagonally-arranged pieces 12, disposed horizontally and centrally connected together and secured at their terminals to the upper edges of the bars 10. These crossed pieces 12 form a platform or support for the milk pail or receptacle 13. (Shown in dotted lines in Fig. 2 of the drawings.) The milk pail or receptacle, which may be of any desired construction, is adapted to fit between the front legs and the extensions 3 of the upper side bars 2, and the said pail or receptacle is thereby held against lateral movement, and it will be retained in position on the supporting portion of the milking-stool without clamping it to the latter. The front or outer ends of the lower side bars are provided with notches or grooves 11<sup>a</sup>, adapted to receive the chime of a receptacle when the same is so constructed, and the said grooves will interlock the receptacle with the milking-stool and hold the former against outward movement.

The front legs are braced by a transverse bar 14, located beneath the lower side bars 10 and arranged at the rear edges or faces of the front legs. The rear legs are braced by crossed diagonally-disposed bars 15, secured to the rear edges of the legs 5 and extending from the top of one leg to the bottom of the opposite leg. These braces or bars 14 and 15 are adapted to lie beneath the side bars 10 when the milking-stool is folded. In folding the milking-stool the legs are swung forwardly on their pivots 6 and 7, and the lower side bars, which are pivoted to the inner faces of the front and rear legs, lie between the same, and the upper side bars are arranged at the



outer face of the upper ends of the legs. By this construction the parts are compactly arranged when folded, as clearly illustrated in Fig. 3 of the drawings.

- 5 The milking-stool is locked in position for use by means of inclined bars 16, pivoted at their upper ends by bolts 17 or other suitable fastening devices to the outer faces of the upper side bars 2 and provided near their  
10 lower ends with notches or recesses 18, located at the lower or rear edges of the locking-bar 16 and adapted to engage reduced terminal portions 19 of studs or pins 20, which extend horizontally from the outer side faces of  
15 the front legs at the lower portions thereof. The locking-bars are adapted to be readily swung upward out of engagement with the reduced ends of the projecting portions or pins 20 of the front legs to permit the parts  
20 to fold, and when they are in engagement with the said projections the milking-stool is firmly held in operative position.

Having thus fully described my invention, what I claim as new, and desire to secure by  
25 Letters Patent, is—

1. A device of the class described, comprising a seat provided at opposite sides with extensions, front and rear legs pivotally connected with the seat, the front legs being off-  
30 set from the front of the seat by the said extensions, side bars pivotally connected with the lower portions of the legs and extended in advance of the front legs and provided at their front portions with means for supporting  
35 a receptacle, the latter being adapted to be arranged between the front legs, and means for locking the parts in position for use.

2. A device of the class described, comprising a seat, upper side bars extending in ad-  
40 vance of the seat, front and rear legs pivoted to the upper side bars, the front legs being offset from the front of the seat by the said bars, lower side bars connecting the legs and

pivoted to the same and provided with front extensions, bars connecting the extensions of  
45 the lower side bars and forming a support for a receptacle, and means for locking the legs rigid with the seat.

3. A device of the class described, comprising a seat, front and rear legs pivotally con-  
50 nected to the seat, a pail-receiving platform or support pivotally connecting the front and rear legs and extending in advance of the same, and an inclined locking-bar pivotally connected at its upper end with the seat and  
55 detachably interlocked at its lower portion with one of the legs of the milking-stool.

4. A device of the class described, comprising a seat, front and rear legs pivotally con-  
60 nected with the seat, a lower pail-receiving platform or support pivotally connecting the leg and extending in advance of the same, a stud or pin extending horizontally from the front leg and having a reduced portion, and  
65 an inclined locking-bar pivotally connected at its upper end with the seat and provided at its lower portion with a recess arranged to receive the reduced portion of the pin or pro-  
jection.

5. A device of the class described, comprising a seat, pivoted front and rear legs, side  
70 bars connecting the legs and extending in advance of the front legs and provided with grooves adapted to receive the chime of a receptacle, bars secured to the upper edges of  
75 the side bars and forming a support for a receptacle, and means for holding the pivoted legs rigid with the seat.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in  
80 the presence of two witnesses.

JOHN NICKOLUS TANCK.

Witnesses:

FRED HAGEN,  
PETER JORDT.