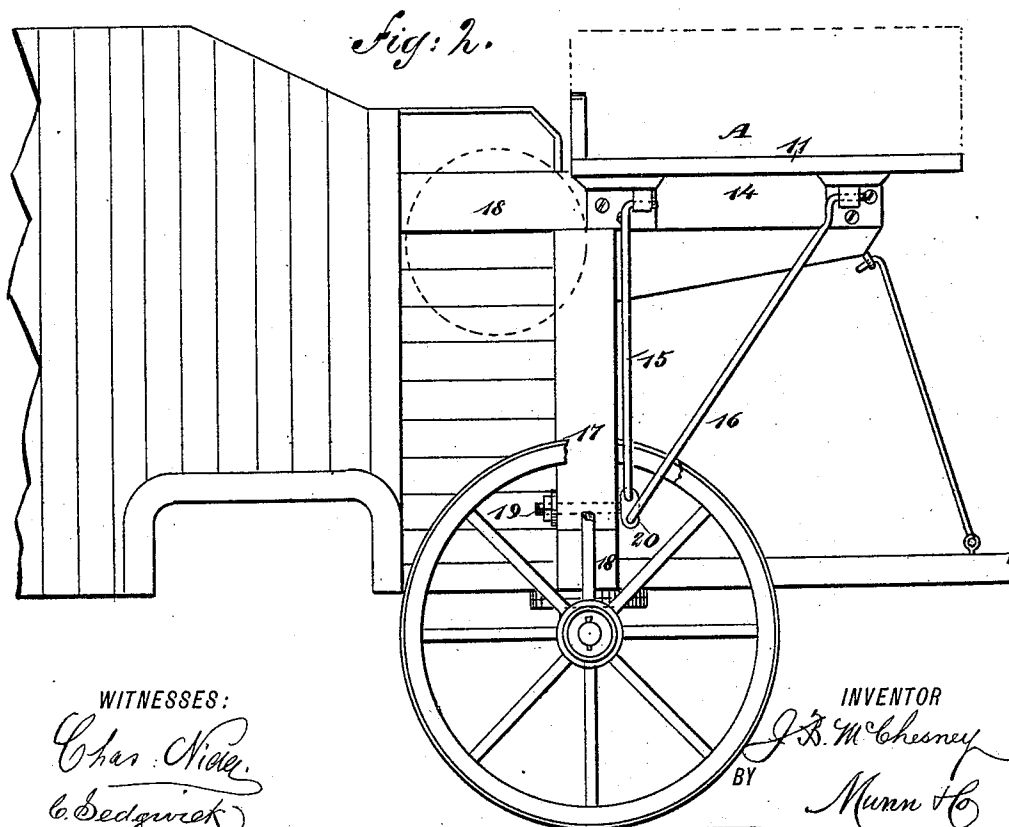
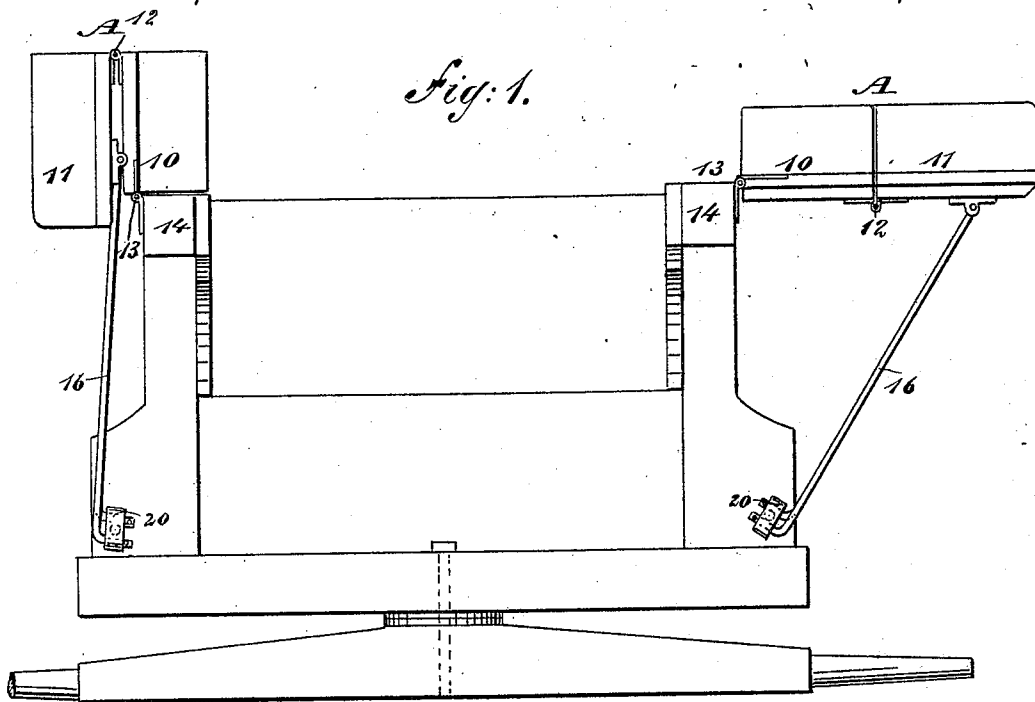


(No Model.)

J. B. McCHESNEY.
TABLE FOR THRASHING MACHINES.

No. 471,490.

Patented Mar. 22, 1892.



WITNESSES:
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JOSEPH B. McCHESNEY, OF DANE, WISCONSIN.

TABLE FOR THRASHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 471,490, dated March 22, 1892.

Application filed November 7, 1891. Serial No. 411,151. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH B. McCHESNEY, of Dane, in the county of Dane and State of Wisconsin, have invented a new and useful
5 Improvement in Tables for Thrashing-Machines, of which the following is a full, clear, and exact description.

My invention relates to a table for thrashing-machines, and has for its object to provide a table having a hinge connection with the machine, and comprising hinged sections, which table is capable of being supported in a horizontal position when required for use and of one section being folded upon another and
15 both sections made to occupy a vertical position close to the thrasher when not in use.

A further object of the invention is to provide braces for the table which will hold it either in its open or in its closed position.

20 The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying
25 drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the body of a thrashing-machine, illustrating the application of the tables to its sides, one table being in working position and the other in a folded position; and Fig. 2 is a side elevation of the machine and of one of the tables.

35 The table A is made in two longitudinal sections 10 and 11, and the sections are connected by hinges 12, which hinges are placed upon the under faces of the tables, in order that their upper faces may be perfectly
40 smooth. The inside edge of the inner section 10 of each table is connected by hinges 13 with the side extension-beam 14 of the hopper of the machine or with any other projection at the delivery end of the hopper.

45 The hinge connection between the inner sections 10 of the table and the beams 14 is such that said sections may be folded upward to a vertical position, as shown at the left in Fig. 1, at which time the end board of the table will be immediately over the beam, and
50 when the sections 10 are in the vertical posi-

tion the sections 11 will fold downward parallel with the sections 10, as the two sections having the hinge connection at their under faces will break at the joint the moment that
55 the inner sections are forced upward.

In connection with each table two braces 15 and 16 are preferably employed, the brace 15 having a pivotal connection with the under face of the outer section 11 of the table near
60 one end at its outer edge, and the other brace is pivoted at its upper end between the center and opposite end of this section of the table, and both braces of both tables at their lower ends are pivotally connected with the posts
65 17 of the machine, the sills 18, or any other convenient support. As the two ends of each set of braces are brought quite close together they jointly partake somewhat of the contour of the letter V, as shown in Fig. 2. The preferred
70 manner of attaching the lower ends of the braces to the machine is that illustrated in the drawings, which consists in passing through the posts 17 bolts 19, which bolts are
75 capable of revolving in the posts and are provided at one end with suitable nuts and washers and at their opposite ends with heads 20, somewhat elongated and provided with two apertures located at suitable distances
80 apart, through which apertures the lower ends of the braces are passed; but if in practice it is found desirable, instead of pivoting the braces to the table and to the machine, the braces may be hinged thereto in any manner
85 which will admit of the proper movement of the table-sections.

In operation, when the two sections are carried to a horizontal position, as shown in Fig. 2 and at the right in Fig. 1, the upper edges of both sections are smooth and in the same
90 plane and the braces stand out at an angle to the machine and effectually support the table in its working position, the weight upon the table insuring the two sections maintaining their horizontal position.

95 When the tables are not in use, the inner sections 10 of the tables are pushed upward to a vertical position, whereupon the outer sections 11 will be drawn downward parallel with the outer sides of the inner sections and in
100 engagement therewith, the engagement occurring the moment that the inner sections have

assumed their true vertical position, as illustrated at the left in Fig. 1, and as the braces 15 and 16 have a pivotal connection with the outer sections of the table and with the machine the upper ends of the braces will be carried inward between the two sections and their lower ends will turn to admit of such movement.

When such a construction of braces is employed as is shown in the drawings, the bolts 19 turn as the sections of the tables are manipulated. It will be observed that the tables are exceedingly simple, durable, and economic, and, further, that the tables may be manipulated at each side of the machine and folded upward entirely out of the way when not in use.

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

1. The combination, with the frame of the machine, of a table constructed in two sections hinged together at their lower faces, the inner section being hinged to the frame to swing vertically, and an inclined brace pivotally connected at its ends with the frame and the other table-section, the two sections folding together face to face when the inner

section is swung upward, substantially as set forth.

2. The combination, with a thrashing or similar machine, of a table constructed in sections, said sections being connected by hinges secured to their under faces and the inner section of the table having a hinge connection upward from a horizontal position, and braces pivoted to the outer section of the table and to the machine, whereby the outer section is drawn automatically downward when the inner section is carried upward, as and for the purpose specified.

3. The combination, with a thrashing or similar machine, of a table constructed in sections hinged together at their under faces and the inner section hinged to the frame to fold upward from a horizontal position, braces 15 16, pivoted at their upper ends to the outer section of the table, and a bolt 19, pivoted to the frame and having a head, to which the lower ends of both braces are pivoted, substantially as set forth.

JOSEPH B. McCHESNEY.

Witnesses:

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OTTO C. SWAIN.