(No Model.)

J. J. DEWEY.

BUTTER BOARD FOR HARVESTERS.

No. 342,288. Patented May 18, 1886.

Fig. 1.

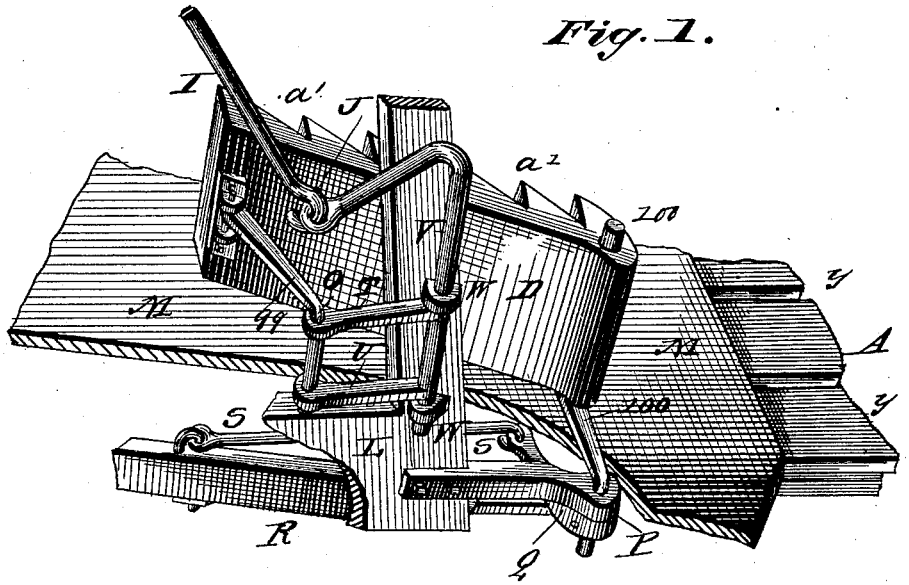
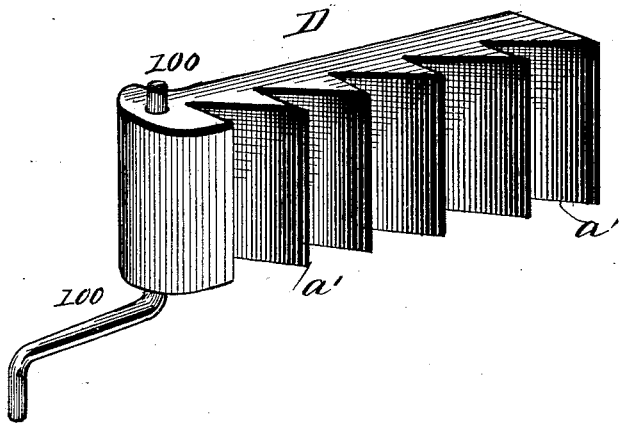


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN J. DEWEY, OF ST. PAUL, MINNESOTA.

BUTTER-BOARD FOR HARVESTERS.

SPECIFICATION forming part of Letters Patent No. 342,288, dated May 18, 1886.

Application filed August 3, 1885. Serial No. 173,424. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. DEWEY, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Butter-Boards for Self-Binding Harvesters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a perspective view of a portion of a self-binding harvester, showing my invention; and Fig. 2 is a perspective view of the board.

This invention has relation to grain-adjusting self-binding grain-harvesters; and it consists in the construction and novel combination of parts, as will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings, A designates a part of the platform; L, a part of the main frame, and M a portion of the binder-table.

D is the butt-board for straightening the butts of the grain and adjusting the grain for the binder. It is hung on the arm 99 and crank-arm 100, which are pivoted at one end to said board, and at their other ends respectively to the bearings O and *p*. The inner surface of the butting-board consists of the bevel-faced ribs *a'*, as shown in the drawings.

To the crank-arm 100, underneath its bearing P, is secured the crank-arm Q, which is connected with the sickle-pitman R by the links S. By this means the arm is given a reciprocating movement, and at the same time a slight sidewise motion, whereby it operates to cuff the butts of the grain in and to even them, and also to carry said butts up the binder-table.

The arm 99, on which the outer end of the butting-board swings, is pivoted to the arms T and U on the rock-shaft V, which, when turned in its bearings W on the main frame L, carries that end of the board in or out, as may be desired, to adjust the grain back on the table more or less, according to its length, in order that the band may be placed entirely around the bundle. It is moved in or out and fastened in any desired position by means of the rod I, reaching to a point within reach of the driver, and locked in its adjusted position by any well-known means. The rod I is connected at J to a crank-arm of the rock-shaft V.

Having described this invention, what I claim is—

1. The combination, with the ribbed butting-board D, of the arm 99, the adjustable bearing in which said arm is pivoted, the crank-arm 100, provided with the arm Q, the sickle-pitman, and the connecting-rod S, substantially as specified.

2. The combination of a ribbed butting-board, a pivoted arm supporting one end of said board and driving the same, means for giving said arm a rotary reciprocating motion, a pivoted arm supporting the other end of said board, and a laterally-adjustable bearing for the last-named arm, substantially as specified.

3. The combination, with the butting-board, of the pivoted arm 99, supporting one end of the same, the rock-shaft V, having projecting arms provided with bearings for said arm, and means for rocking said rock-shaft, whereby the butt-board may be adjusted laterally, substantially as specified.

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

JOHN J. DEWEY.

Witnesses:
LOUIS M. HASTINGS,
JAMES B. BEALS.