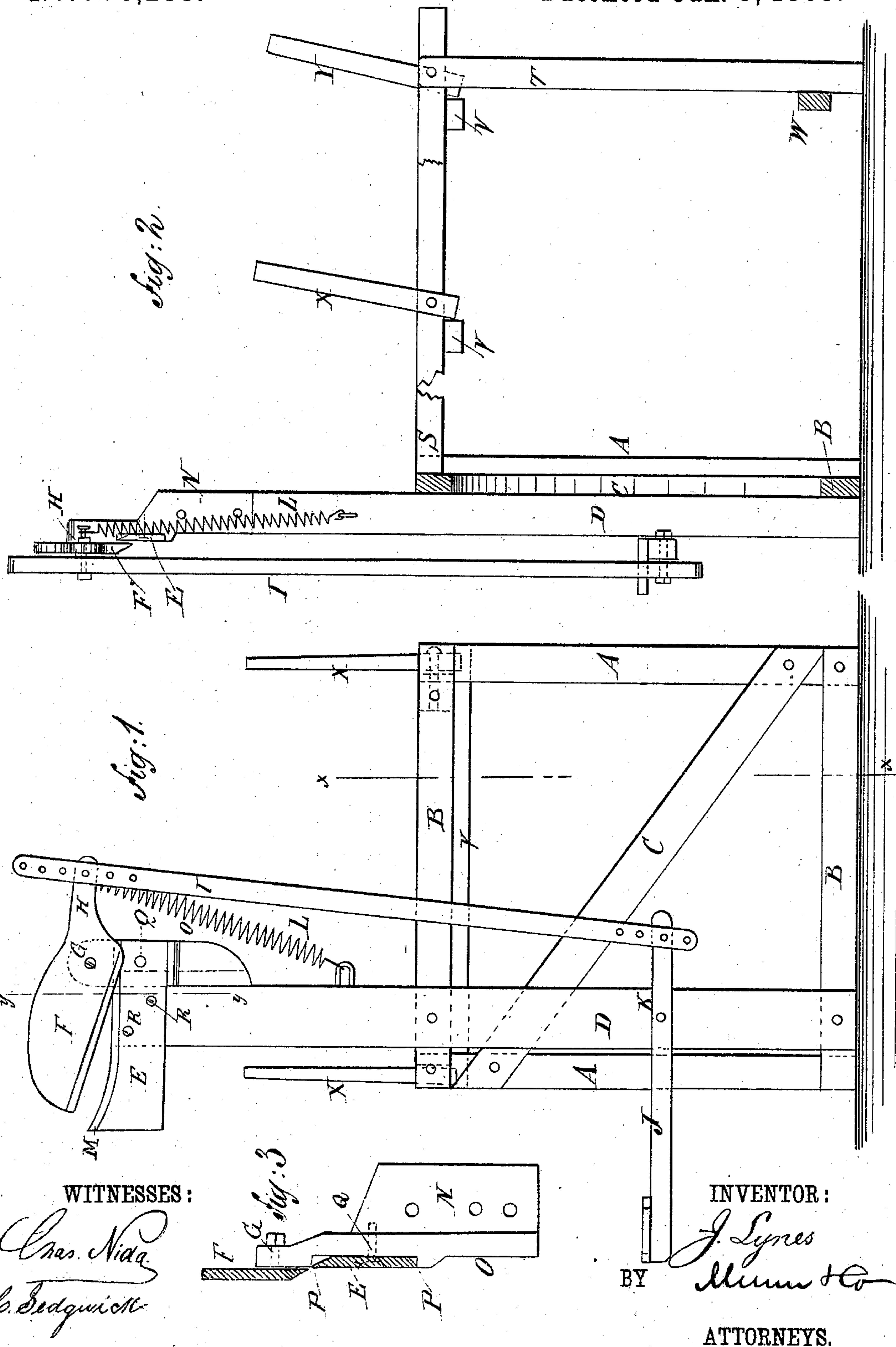


(No Model.)

J. LYNES.  
FODDER FRAME.

No. 270,233.

Patented Jan. 9, 1883.



WITNESSES:

*Chas. Nida*  
*C. Bedgwick*

INVENTOR:

*J. Lynes*  
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ATTORNEYS.



# UNITED STATES PATENT OFFICE.

JOHN LYNES, OF PRICE, MISSOURI.

## FODDER-FRAME.

SPECIFICATION forming part of Letters Patent No. 270,233, dated January 9, 1883.

Application filed April 15, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN LYNES, of Price P. O., in the county of St. Louis and State of Missouri, have invented a new and useful Improvement in Fodder-Frames, of which the following is a full, clear, and exact description.

This invention consists of a frame of novel construction and provided with a cutting attachment for use in husking, cutting, and bundling the fodder of cornstalks, the object of the cutting and bundling of the stalks being to separate the large proportion of the stalks that is unfit for fodder from the portion that is useful therefor, and to bundle the latter for better preservation in the field and greater convenience in handling, all as hereinafter described.

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

Figure 1 is an end elevation of my improved fodder-frame. Fig. 2 is a sectional elevation of the same, taken on line *xx* of Fig. 1; and Fig. 3 is a detail section of Fig. 1 on line *yy*.

I make a panel-frame of two posts, A, two cross-pieces, B, and diagonal brace C, on which I mount the standard D, extending a suitable distance above the frame, and supporting the stationary cutter E and the movable one F, said cutters being arranged in the form of shears, cutter F being hung on a pivot, G, and connected by its lever H and rod I with a foot-treadle, J, pivoted on upright D at K, a little above the ground. The lever H of cutter F has a spring, L, to swing it open after being closed by the foot. The stationary cutter E has the edge curved upward at the point, as shown at M, and said point projects a little beyond the end of movable cutter F, in order that the stalks may be presented to the cutters by dropping thereon, rather than by swinging them laterally, as being the more convenient and easier action. The curvature of the edge of the cutter E is to facilitate the sliding of the stalks along between the cutters. The cutters are attached to the top of the standard D by an angle-plate, N O, bolted to said standard, the cutter E being substantially supported between shoulders P by bolt Q, and also being bolted to the standard at R.

To the frame A B and cutting-standard D, so constructed and arranged, I apply the end of a bench, S, by any approved detachable connection, the other end of said bench being supported on legs T. This bench, having suitable cross-pieces V and W, is divided into two parts by the uprights X, and has similar uprights, Y, at the end, said uprights being pivoted to the top beams of the bench, so as to swing up and lean against cross-pieces V for support. The legs T are also pivoted to the top beams for folding up thereto when the bench is to be moved about.

The stalks to be cut for separating the fodder from the refuse are piled in the space between uprights X and the cutter-support, from where they are taken one by one and presented to the cutters for cutting off the ears and portions suitable for feed from the butt-ends, the feed portions being placed in a press for bundling, and when it is required to preserve the butt-ends for fuel they are laid in the space between uprights X and Y until a quantity sufficient for a bundle is accumulated. The bundle is then removed to a press, where it is condensed and tied for keeping until required for use.

The frame is also useful as a bench for the support of the stalks for picking and husking the corn therefrom when the cutting-machine is not to be used.

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

1. The improved corn-holding bench consisting of frame A B D, bench S, uprights X Y, cross-bars V W, and end legs, T, substantially as described.

2. The improved corn-holding bench consisting of frame A B D and bench S, the said bench being composed of the pivoted uprights X Y and pivoted legs T, with cross-bars V and W, and said bench being detachably connected to frame A B D, substantially as described.

3. The stationary cutter E, having the cutting-edge of the end curved and extended at M, in combination with the movable cutter F, substantially as specified.

JOHN LYNES.

Witnesses:

F. M. ALLEMAND,  
THOS. J. FAGIN.