J. A. SELLON.
Hay-Tedder.

No. 204,622. Patented June 4, 1878.

Fig: 1.

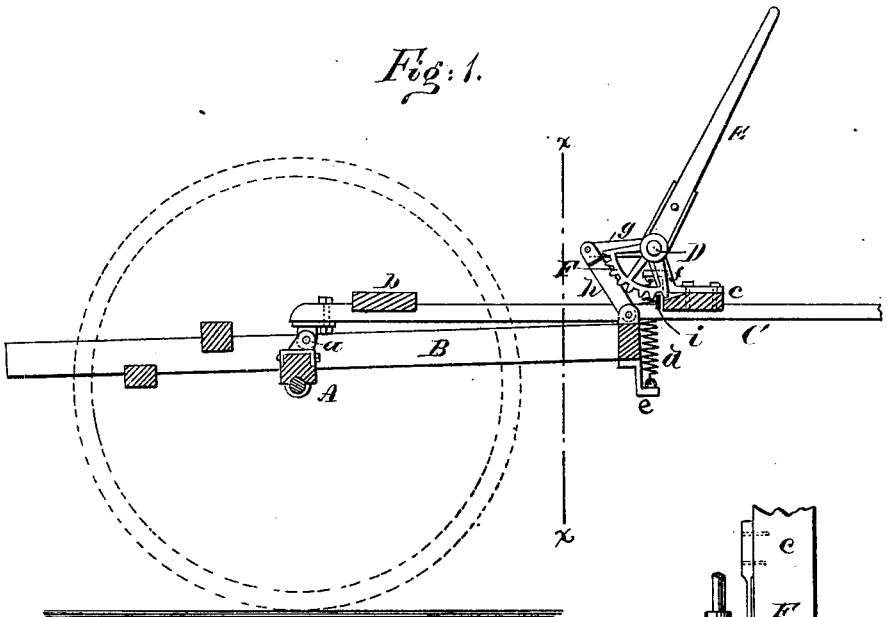


Fig: 3.

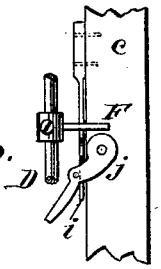
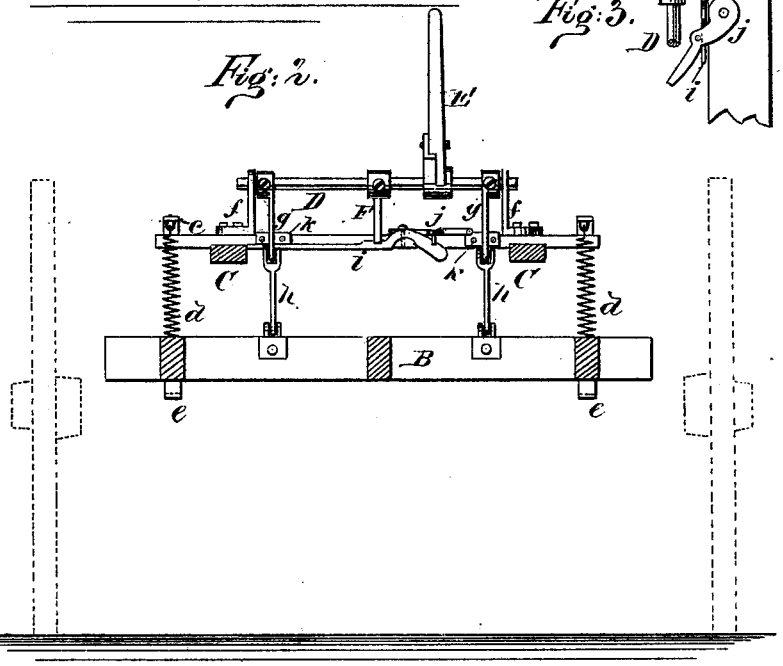


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN A. SELLON, OF BELFAST, NEW YORK.

IMPROVEMENT IN HAY-TEDDERS.

Specification forming part of Letters Patent No. **204,622**, dated June 4, 1878; application filed December 20, 1877.

To all whom it may concern:

Be it known that I, JOHN A. SELLON, of Belfast, in the county of Allegany and State of New York, have invented a new and Improved Hay-Tedder, of which the following is a specification:

Figure 1 is a vertical section of my improved hay-tedder. Fig. 2 is a transverse section taken on line *x x* in Fig. 1. Fig. 3 is a detail view of the locking device.

This invention has relation to hay-tedders of that class shown in the patent of E. W. Bullard, dated January 31, 1871, No. 111,314; and my improvement consists in the combination of devices, as will be hereinafter more fully set forth, and pointed out in the claim.

Referring to the drawing, A is the axle of the tedder, to which the gear-supporting frame B is attached by clips or bolts.

The shafts C are connected by shaft-couplings or joints *a* with the axle, and are connected together by cross-bars *b c*. The ends of the cross-bar *c* project beyond the shafts for receiving the arms *e*, to which the upper ends of the springs *d* are attached. The lower ends of these springs are attached to arms *e*, that are bolted to the sides of the frame B. The springs have nearly or quite sufficient strength to raise the front end of the frame B.

A shaft, D, is journaled in standards *f*, that are secured to the cross-piece *c*, and to the said shaft two arms, *g*, are secured, one near each end of the shaft. These arms are connected by connecting-rods *h* with the front cross-bar of the frame B.

A hand-lever, E, and a toothed sector, F, are placed on the shaft D. The toothed sector F is engaged by a spring-detent, *i*, which is attached to the rear edge of the cross-bar *c*, and the free end of the spring-detent is provided with an inclined surface, which is engaged by a lever, *j*, that is pivoted to the top of the cross-bar *c*.

Rubber buffers *k* are attached to the cross-bar *c*, for preventing the locking of the arms *g* and connecting-rod.

By means of my improvements a considerable amount of labor is saved, and the breakage of the machine is obviated, as it will yield automatically to obstructions.

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

The combination, in a hay-tedder, of the rock-shaft D with lever E, arms *g*, connecting-rods *h*, and the rubber buffers *k* attached to the cross-bar *c*, substantially as and for the purpose set forth.

JOHN ALLEN SELLON.

Witnesses:

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