

(No Model.)

H. J. D. MINER.

MUSICAL WAGON.

No. 295,659.

Patented Mar. 25, 1884.

Fig. 1.

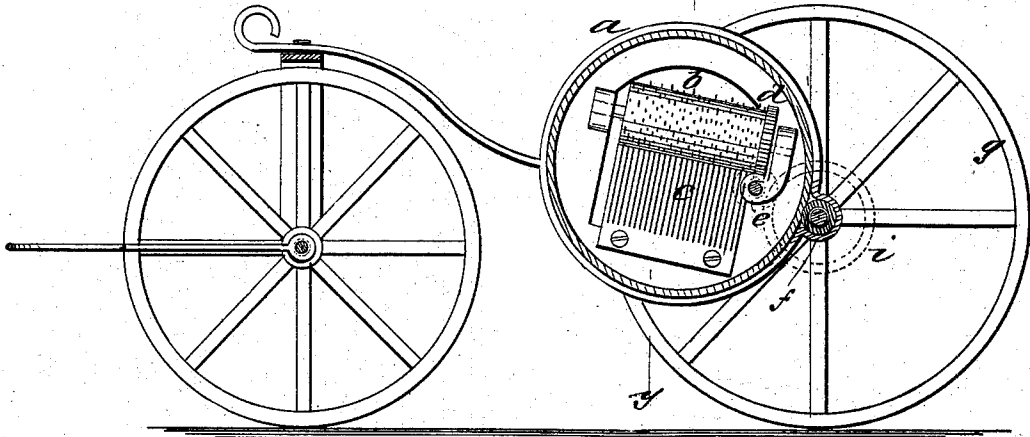


Fig. 2.

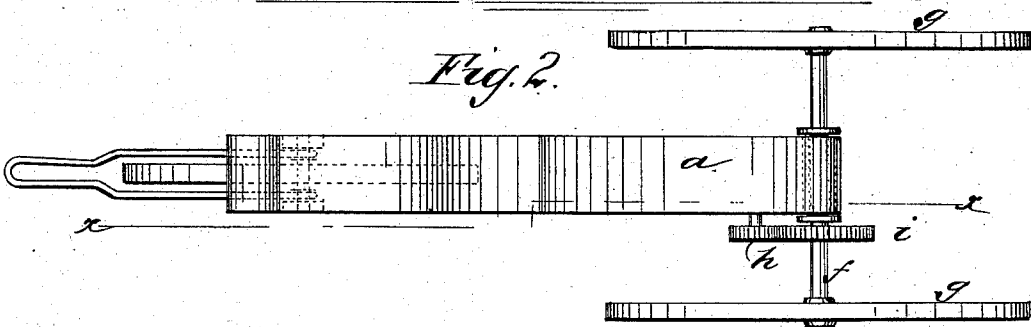
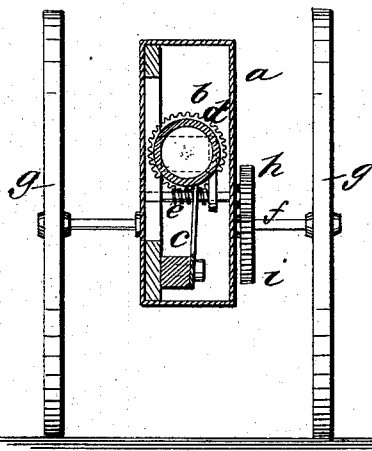


Fig. 3.



WITNESSES:

F. Mc Ardle.
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BY

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HIRAM J. D. MINER, OF DUNKIRK, NEW YORK.

MUSICAL WAGON.

SPECIFICATION forming part of Letters Patent No. 295,659, dated March 25, 1884.

Application filed October 23, 1883. (No model.)

To all whom it may concern:

Be it known that I, HIRAM J. D. MINER, of Dunkirk, Chautauqua county, New York, have invented a new and Improved Musical Wagon, of which the following is a full, clear, and exact description.

My invention relates to improvements in musical wagons; and it consists in the peculiar construction and arrangement of parts, as hereinafter fully described, and pointed out in the claim.

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

Figure 1 is a longitudinal sectional elevation of a musical wagon contrived according to my invention, the section being taken on the line *xx* of Fig. 2. Fig. 2 is a plan view, and Fig. 3 is a transverse section on the line *yy*, Fig. 1.

On any approved form or kind of a wagon, and in any suitable way, I mount the case *a* of a musical instrument, consisting of a pin-barrel, *b*, and the comb *c*, said barrel being provided with the usual toothed wheel, *d*, and worm *e* for turning it; but instead of being geared with the train of a driving-spring, I gear said worm with the axle *f* of the main

wheels *g* of the wagon by the pinion *h* and wheel *i*, or by any other approved means, so that when the wagon is drawn along the floor or ground the barrel will be revolved and the music will be made, the same as if the barrel were driven by the spring in the common way; but in this case the winding of the spring is dispensed with, and the musical device is ready to play whenever the wagon is drawn along.

I propose to contrive the driving-wheel *i* and pinion *h* to be readily taken off to substitute others of different proportions, for varying the time of the motion, to render the music in quick or slow time, as may be desired.

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

The combination, with the axle *f* of a wagon, provided with the gear-wheel *i*, of the pin-drum *b* of a musical instrument, provided with the gear-wheel *d*, the worm *e*, and the pinion *h* on the end of the worm, and meshing with the gear-wheel *i*, substantially as herein shown and described.

HIRAM J. D. MINER.

Witnesses:

FLORENCE M. MINER,
ORON MONROE.