No. 613,981. Patented Nov. 8, 1898.

P. J. ENGSTROM.

TOY.

(Application filed Aug. 27, 1897.)

(No Model.)

Fig. 1.

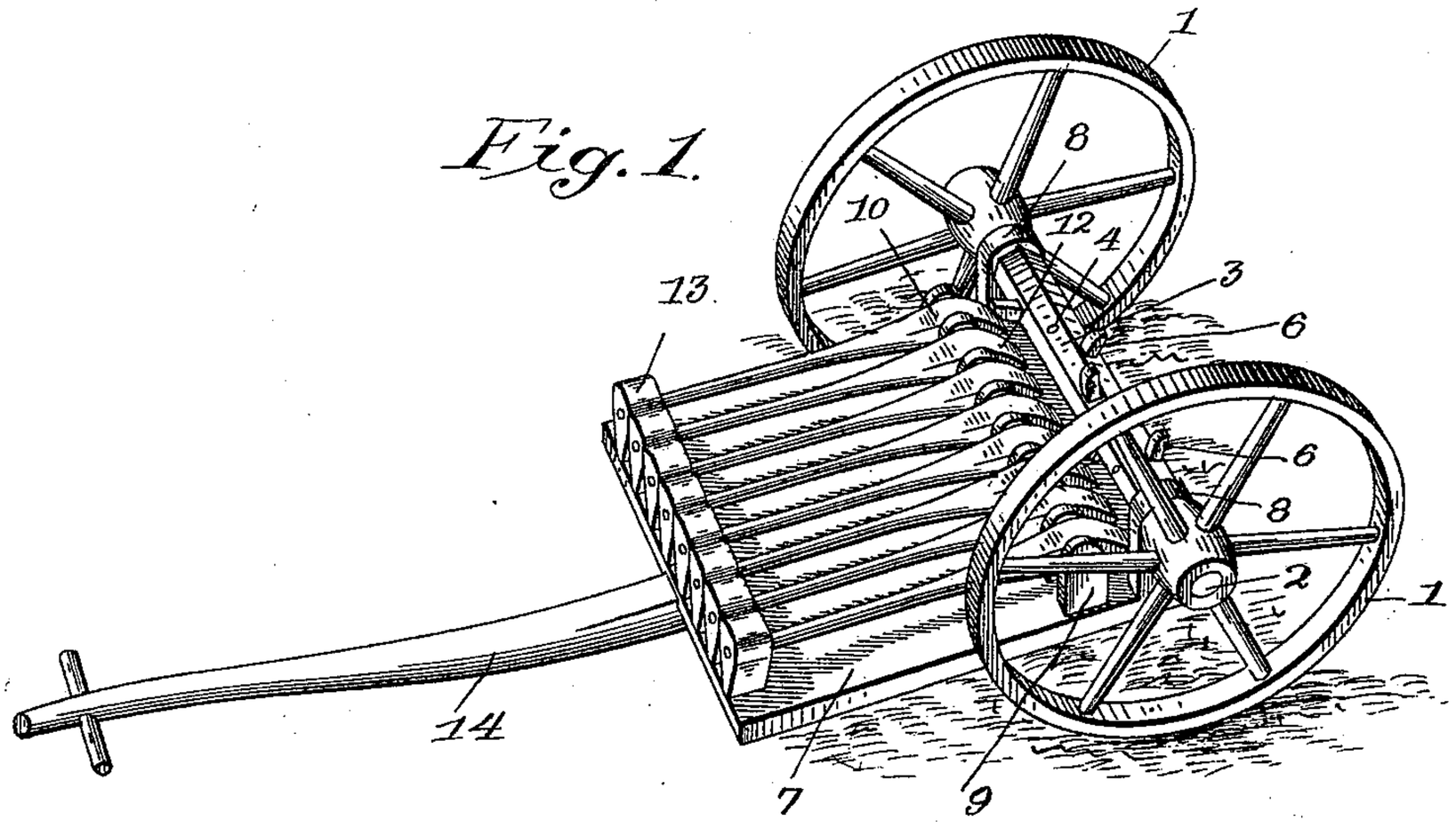
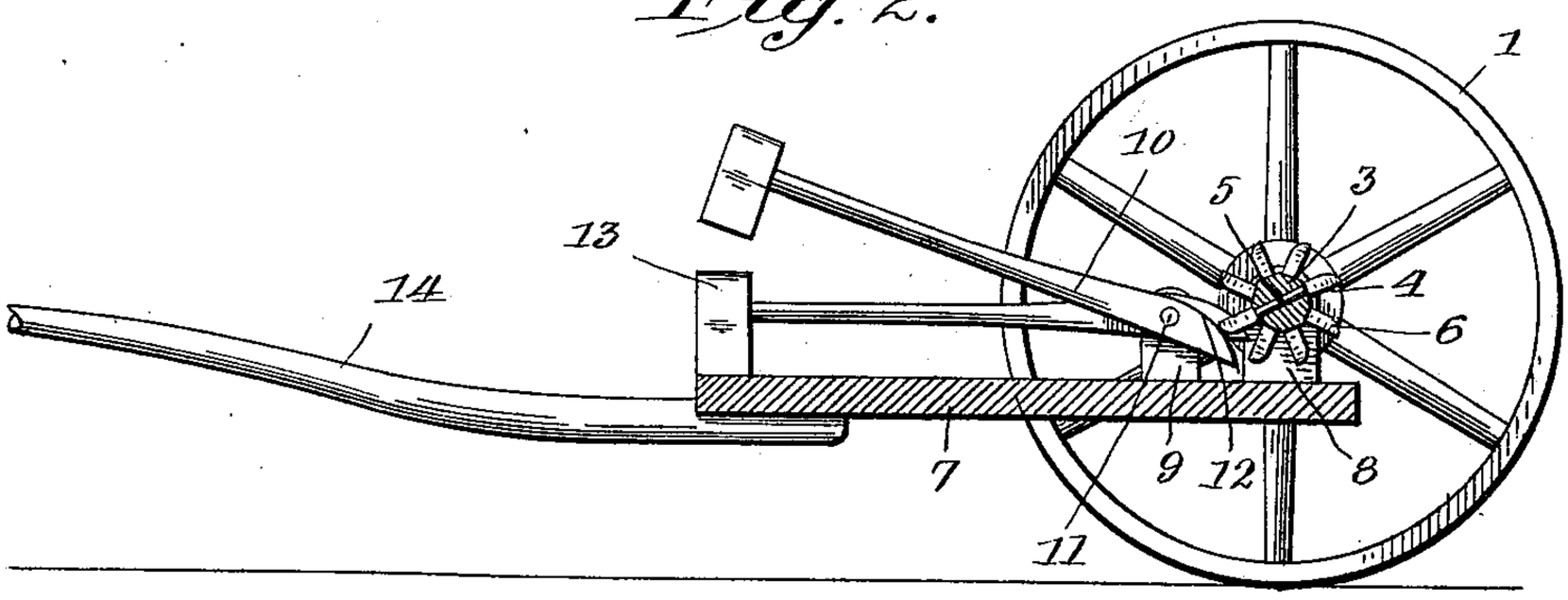


Fig. 2.



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TOY.

SPECIFICATION forming part of Letters Patent No. 613,981, dated November 8, 1898.

Application filed August 27, 1897. Serial No. 649,752. (No model.)

To all whom it may concern:

Be it known that I, PEHR J. ENGSTROM, a citizen of Sweden, residing at McKeesport, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toys; and I do hereby 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.

This invention relates to toys, and has for its object to provide an attractive mechanical toy which resembles a playing instrument, embodying, as it does, a plurality of hammers actuated automatically by the action of the device as the same is drawn or pushed along the ground.

The detailed objects and advantages of the invention will appear in the course of the subjoined description.

The invention consists in an improved toy embodying certain novel features and details of construction and arrangements of parts, as hereinafter fully described, illustrated in the drawings, and incorporated in the claim hereto appended.

In the accompanying drawings, Figure 1 is a perspective view of the improved toy; and Fig. 2 is a longitudinal section through the same, showing one of the hammers being acted upon by the rotating axle.

Similar numerals of reference indicate corresponding parts in both views.

The improved toy contemplated in this invention embodies, essentially, a pair of carrying or trundling wheels 1, mounted fast upon the opposite ends of a common axle 2. This axle is by preference polygonal in cross-section, embodying a plurality of flat longitudinal surfaces 3. The axle is also provided at intervals along its length with sockets 4, in which are seated the reduced ends or tenons 5 of a series of actuating-lugs 6, having beveled or inclined working faces, as shown.

A platform or body 7 is arranged in a lower plane than the axle 2, and is suspended therefrom by means of upwardly-extending ears or hangers 8, rigidly secured to the platform 7 and provided with openings to receive the axle 2. Extending upward from the upper side of said platform 7 is a transverse series of brackets 9, arranged at suitable distances apart and adapted to receive between them a corresponding series of levers 10, the same being preferably mounted upon a common shaft or spindle 11, which extends through all of the ears and levers. The rear ends of the levers are extended back of the shaft 11 and have their upper surfaces beveled or chamfered, as shown at 12, so as to contact with the lugs 6. At their opposite ends the levers carry oscillating gravity-hammers 13, adapted to strike against the upper surface of the platform 7 when the levers 10 are vibrated by the lugs 6 and released.

14 designates a tongue attached to the platform, by means of which the device may be drawn or pushed along the ground or floor.

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

In a trundling toy, the combination with a rectangular platform, of traction carrying-wheels therefor, an axle journaled above the platform and rotated by said wheels, radially-projecting lugs arranged in spiral order on said axle, and a plurality of gravity-hammers having rigidly-attached levers fulcrumed on a common axis on said platform in a slightly lower plane than the axle and having their ends extended beneath the axle and arranged in the paths of and adapted to be depressed by the lugs on the axle, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PEHR J. ENGSTROM.

Witnesses:
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PRICE BLAMBERG.