

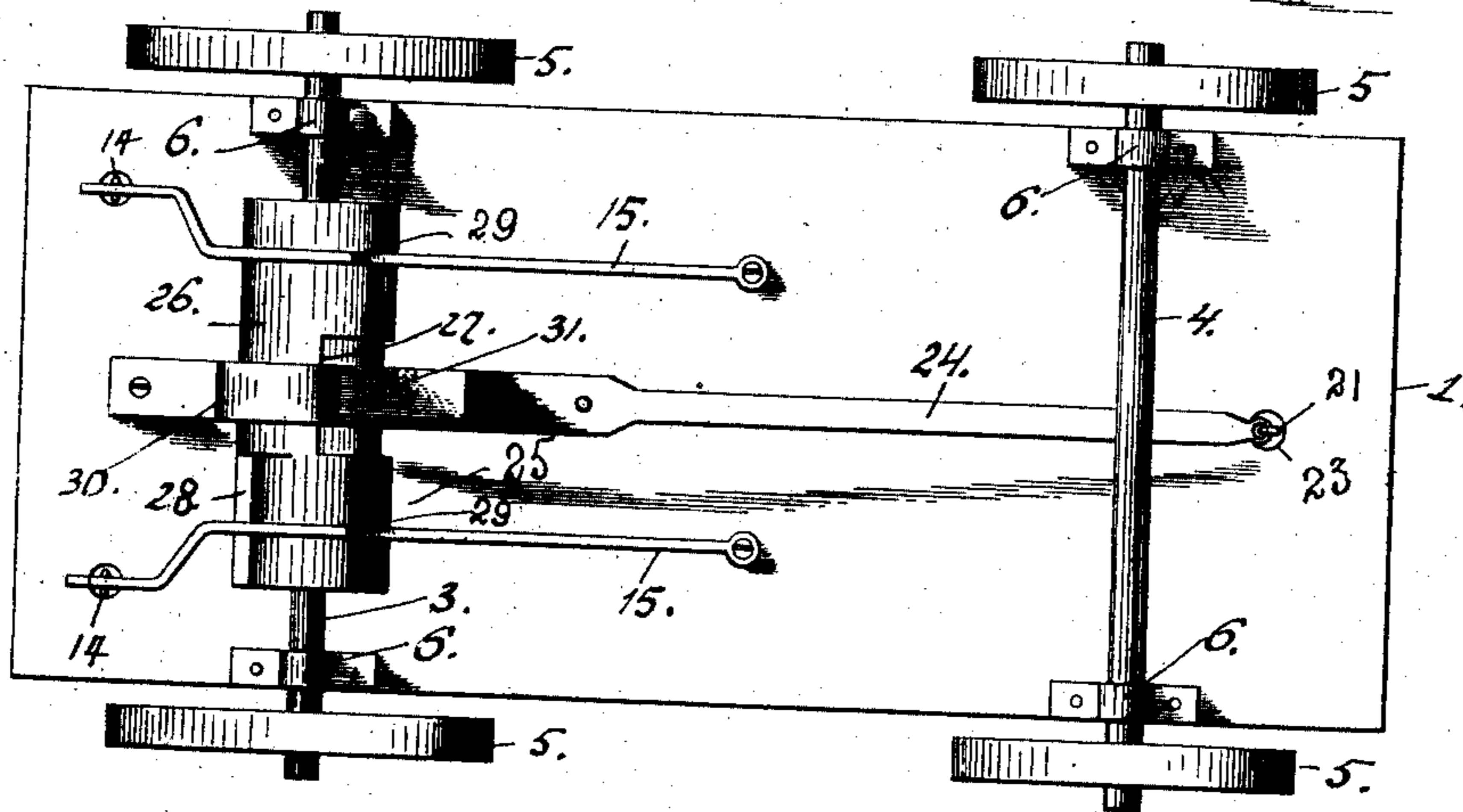
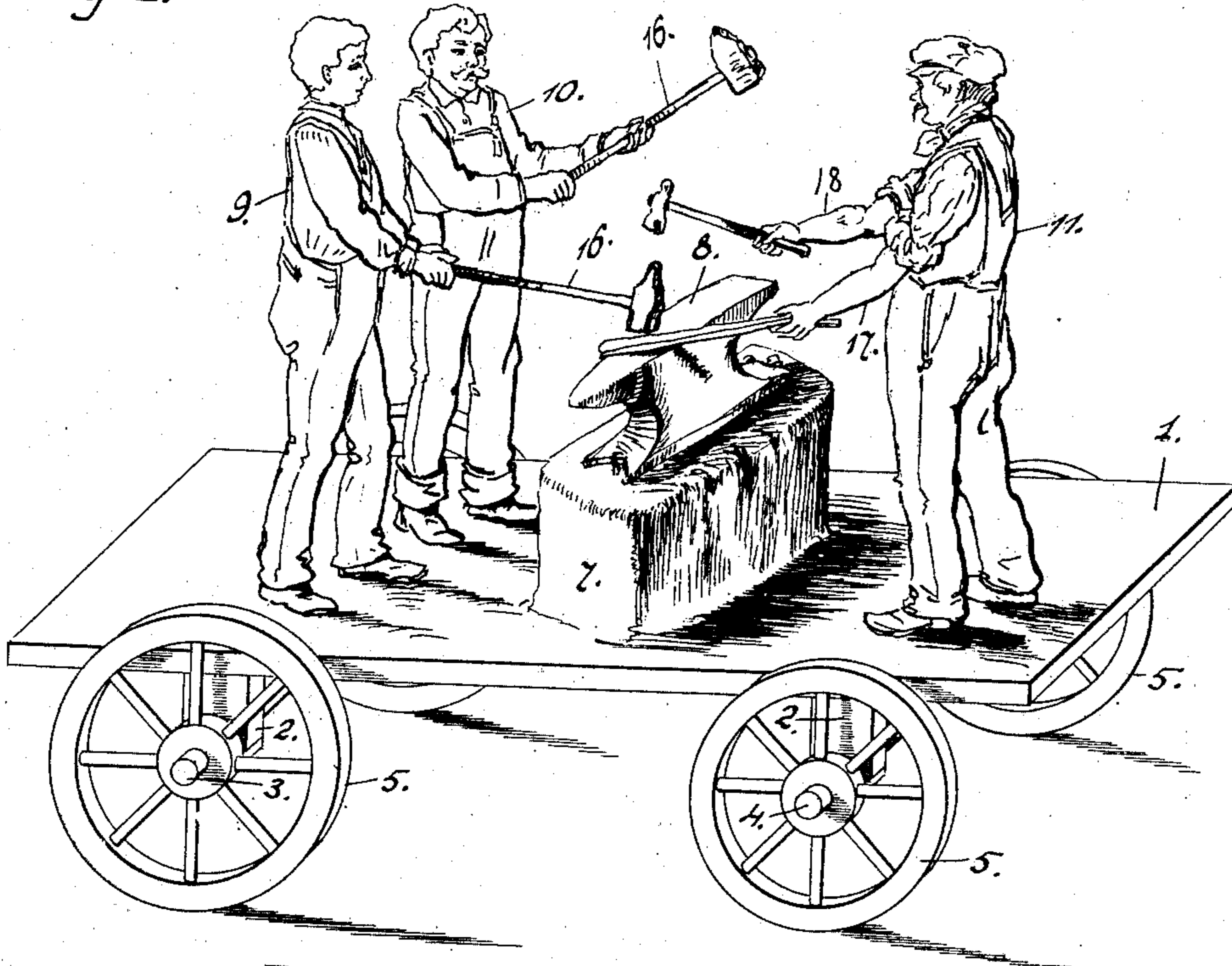
No. 874,134.

PATENTED DEC. 17, 1907.

H. STUBERT.
TRUNDLING TOY.
APPLICATION FILED MAY 17, 1907.

2 SHEETS—SHEET 1.

Fig. 1.



WITNESSES:
A. H. Rabsig;

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Fig. 2.

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2 SHEETS—SHEET 2.

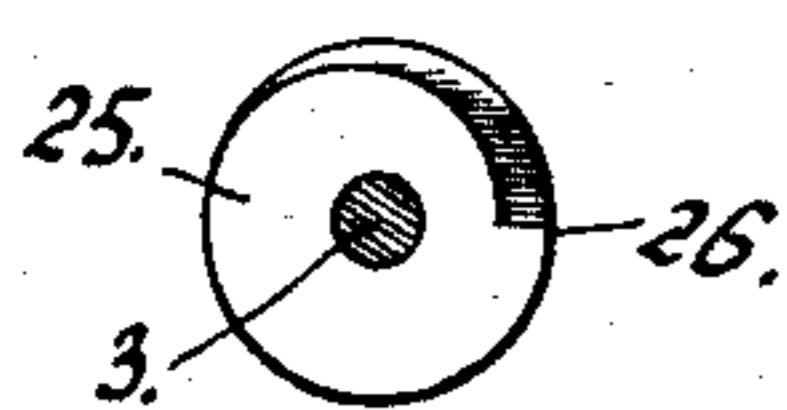
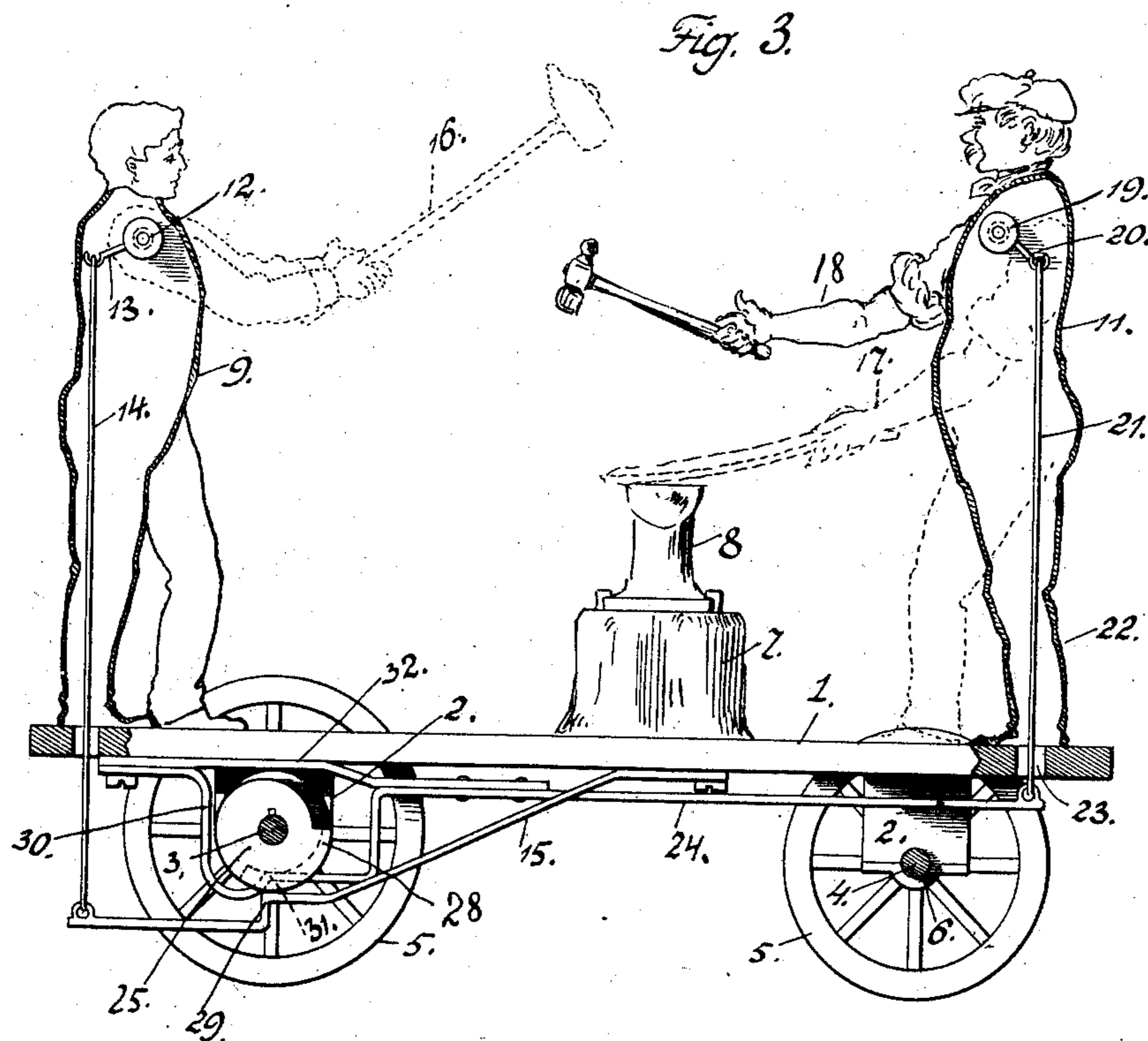


Fig. 4.

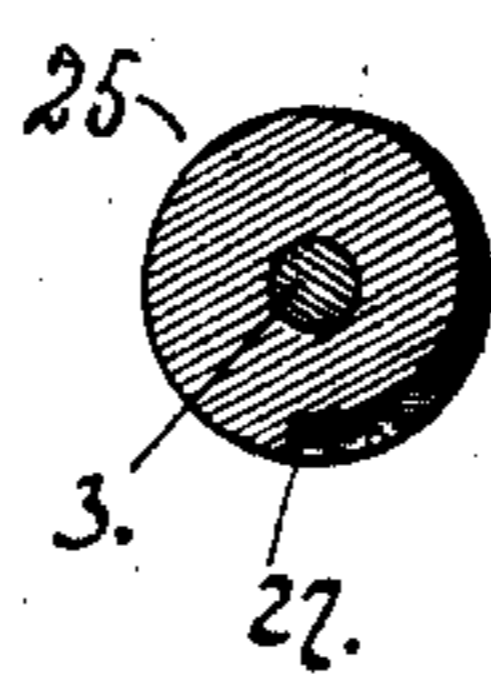


Fig. 5.

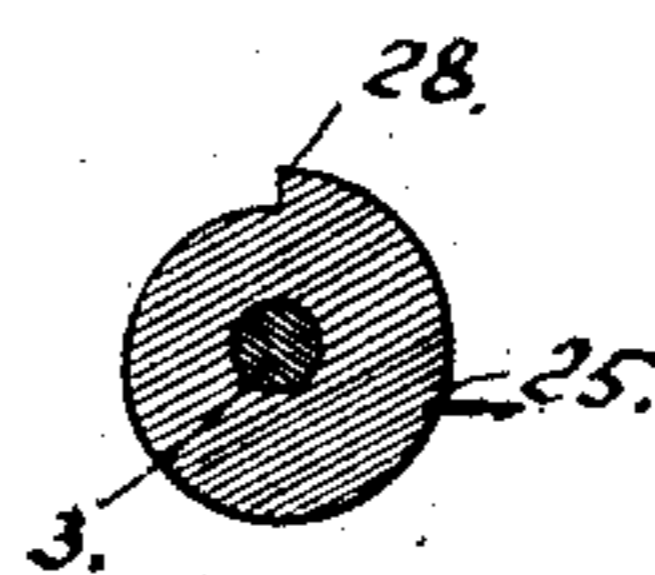


Fig. 6.

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UNITED STATES PATENT OFFICE.

HENRY STUBERT, OF NEW KENSINGTON, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO
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TRUNDLING TOY.

No. 874,134.

Specification of Letters Patent.

Patented Dec. 17, 1907.

Application filed May 17, 1907. Serial No. 374,237.

To all whom it may concern:

Be it known that I, HENRY STUBERT, a citizen of the United States of America, residing at New Kensington, in the county of Westmoreland and State of Pennsylvania, have invented certain new and useful Improvements in Trundling Toys, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to trundling toys, of the class in which the revolution of one of the axles of a wheeled vehicle serves to operate mechanical figures carried upon the vehicle.

15 The primary object of the invention is to provide a toy of the type above indicated, of simple, inexpensive, and durable construction, which will simulate a number of blacksmiths at work at an anvil, the strokes of the sledges held by the toy figures being so timed
20 as to insure their proper alternation.

The invention consists in the combination with a wheeled vehicle of toy figures supported thereon, and improved mechanism operated from one of the axles of the vehicle for
25 moving the arms of the figures.

The construction of the improvement will be fully described hereinafter, in connection with the accompanying drawing which forms a part of this specification, and its features of
30 novelty will be defined in the appended claims.

In the drawing, Figure 1 is a view in perspective of a toy embodying the invention, Fig. 2 is a reverse or bottom plan view of the
35 same, Fig. 3 is a side elevation of the toy, partly in vertical section, Fig. 4 is an end elevation of the cam faced drum for operating the toy, Fig. 5 is a central transverse section of the drum, and Fig. 6 is a section of the
40 drum taken adjacent to the end opposite to that shown in Fig. 4.

The reference numeral 1 designates a platform constituting the vehicle bed or body, supported by means of brackets 2 upon axles
45 3 and 4, upon which are fixed the wheels 5, said axles being mounted in bearings 6.

Upon the platform 1 is supported an anvil block 7 and anvil 8, and at one side of the anvil are two toy figures 9 and 10, while on the
50 opposite side of the anvil is supported a single figure 11.

The two arms of each of the figures 9 and 10 are secured to an oscillating rod 12 extending through the body of the figure, and
55 from each of said rods projects a crank arm

13, said crank arms being concealed within the bodies and each being loosely connected to the upper end of a rod 14 extending through one leg of the figure and through the platform, the lower end of said rod being
60 loosely connected to a tripping lever 15. The two hands of each of the figures 9 and 10 grasp the handle of a sledge hammer 16.

One of the arms 17 of the figure 11 is stationary, and its hand holds the work to be
65 hammered, which rests upon the anvil as shown in Fig. 1. The other arm 18 of the figure 11 holds a sledge and is secured to an oscillating headed pin 19 supported in a bearing formed in the adjacent side of the body of
70 the figure, and having a crank-arm 20 projecting therefrom, said arm 20 being loosely connected to the upper end of a rod 21 extending down within the hollow leg 22 of
75 the figure and through an opening 23 in the platform. The lower end of the rod 21 is loosely connected to a tripping lever 24. Upon the axle 3 is fixed a drum 25 recessed to provide three equidistant peripheral cams
80 26, 27 and 28, each of which is in alinement with one of the tripping levers 15 and 24.

The two levers 15 are secured at one end to the under surface of the platform on opposite sides of the longitudinal center thereof and said levers are inclined downward and
85 bent to provide shoulders 29 which are engaged by the cams 26 and 28.

The tripping lever 24 is arranged centrally of the platform and secured at one end thereto. This lever 24, which like the two levers
90 15, is of resilient metal, is bent downward near its point of attachment to the platform to provide a loop 30 which extends under the drum 25, and is formed with a shoulder 31 adapted to be engaged by the central cam
95 27 of the drum.

A metal strap 32 is secured to the lever 24, said strap spanning the loop 30 as clearly shown in Fig. 3.

The operation of the mechanism constructed as thus described, will be readily understood. The revolution of the axle 3 and drum 25 by the propulsion of the vehicle causes the cams 26, 27 and 28 to successively
100 contact with one of the levers 15, the lever 24, and then with the other lever 15, causing the arms of the three figures to move successively through the rod connections 14 and 21 and crank arms 13 and 20. The resiliency
105 of the tripping levers causes them to retract
110

after their shoulders have been released by the cams, thus producing the retraction of the arms of the figures.

The device operates continuously as long as the vehicle is in motion, and the simplicity of the construction renders the toy strong and durable.

What I claim and desire to secure by Letters Patent, is:—

- 10 1. In a trundling toy, the combination with a wheeled vehicle having a platform bed or body, of an anvil supported on said platform, a plurality of toy figures on the platform at one side of the anvil, and a single
15 toy figure at the opposite side of the anvil, said figures having pivoted arms carrying hammers, and mechanism operated from one of the axles of the vehicle for moving said hammers successively.
- 20 2. In a trundling toy, the combination with a wheeled vehicle having a platform bed or body, of an anvil supported on said platform, a plurality of toy figures on the platform at one side of the anvil, and a single
25 toy figure at the opposite side of the anvil, said figures having pivoted arms carrying hammers, and mechanism operated from one of the axles of the vehicle for moving said hammers successively, comprising a drum
30 fixed upon said axle and recessed to provide equidistant peripheral cams, tripping levers secured to the under surface of the platform on opposite sides of the longitudinal center thereof, a centrally-disposed tripping lever
35 also secured to the under surface of the platform, and connections between said levers and the arms of the figures.

- 40 3. In a trundling toy, the combination with a wheeled vehicle having a platform bed, of an anvil supported on said platform,

a plurality of hollow toy figures on the platform at one side of the anvil, and a single hollow toy figure at the opposite side of the anvil, said figures having pivoted arms, crank-arms projecting from the pivotal supports of the figures within the bodies thereof, rods loosely connected at their upper ends to said crank arms, tripping levers each secured at one end to the under side of said platform, and loosely connected at its opposite end to one of said rods, and a drum fixed on one of the axles, and provided with equidistant peripheral cams to engage said tripping levers successively.

4. In a trundling toy, the combination with a wheeled vehicle having a platform bed, of an anvil supported on said platform, hollow toy figures arranged on opposite sides of said anvil, and having pivoted arms, rods extending within the figures and through said platform and connected at their upper ends to the pivotal supports of said arms, a pair of resilient tripping levers each secured at one end to the under side of said platform and formed with shoulders, said levers being connected to the lower ends of said rods, a drum fixed on one of the axles, and having equidistant peripheral cams, and a centrally-disposed resilient tripping lever secured at one end to the under side of the platform, and connected at its opposite end to one of said rods, and having a loop extending below said drum, and formed with a shoulder to engage the central cam of the drum.

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

HENRY STUBERT.

Witnesses:

ULYSSES S. ARMSTRONG,
JOSEPH S. STUBERT.