

(No Model.)

F. AGNEW.  
CHIME WHEEL.

No. 561,641.

Patented June 9, 1896.

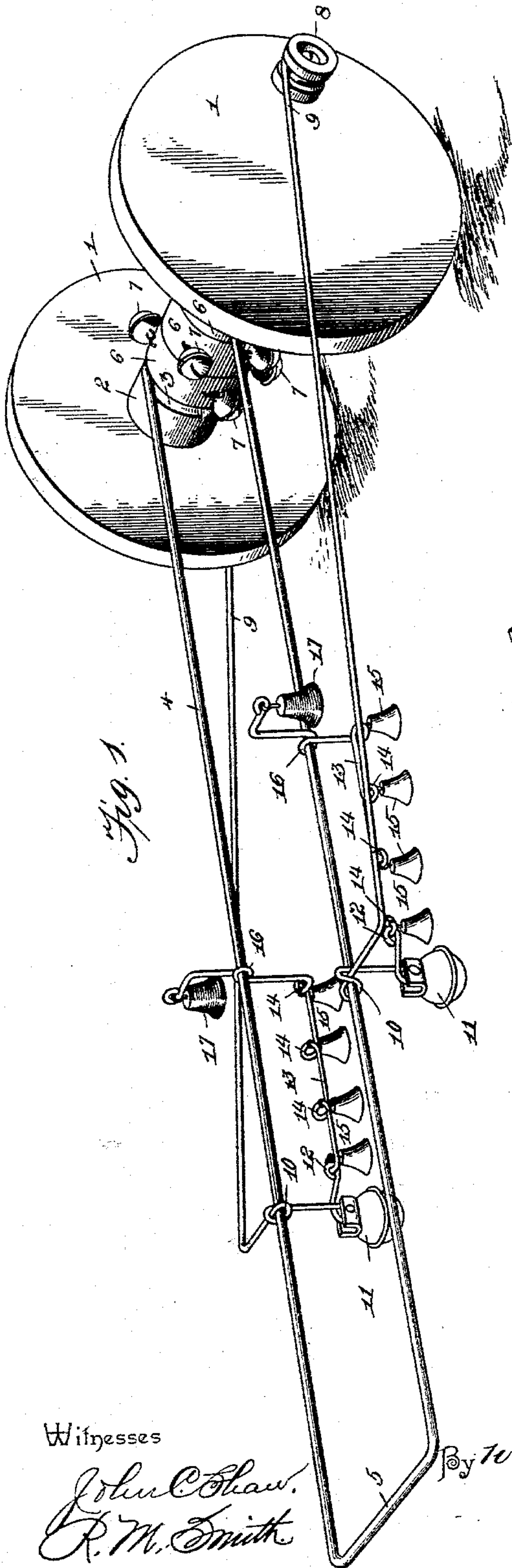


Fig. 1.

Fig. 2.

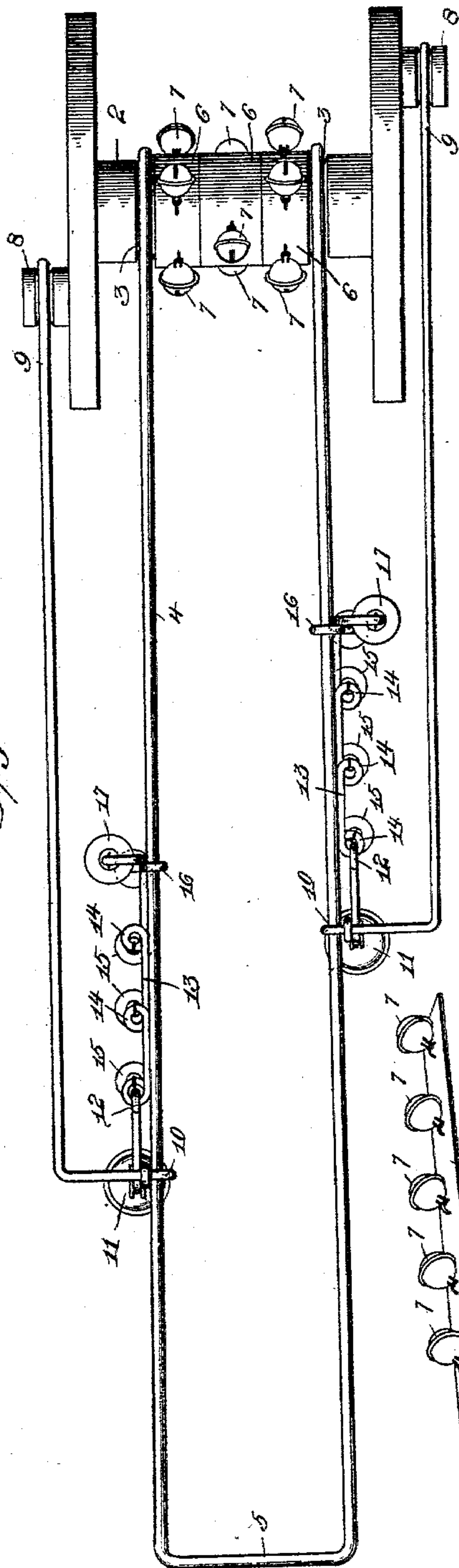


Fig. 3.

Inventor

Witnesses

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# UNITED STATES PATENT OFFICE.

FRANK AGNEW, OF NEWARK, OHIO.

## CHIME-WHEEL.

SPECIFICATION forming part of Letters Patent No. 561,641, dated June 9, 1896.

Application filed July 5, 1896. Serial No. 555,015. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK AGNEW, a citizen of the United States, residing at Newark, in the county of Licking and State of Ohio, have invented a new and useful Chime-Wheel, of which the following is a specification.

This invention relates to that class of toys in which bells or chimes are mounted upon carrying-wheels, adapting the same to be sounded as the device is pushed or drawn along the floor or ground.

The object of the present invention is to provide a cheap and attractive toy in which a pair of wheels are mounted upon a revolvable axle which has applied thereto a plurality of chimes, which are carried around by the axle, said wheels being adapted to be trundled by means of a handle provided for that purpose.

A further object of the invention is to mount upon the handle of the device one or more slide-bars, carrying a number of bells or chimes, and to actuate said slide-bars by means of pitmen connected with the trundling-wheels.

Other 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 arrangement of parts, as hereinafter fully described, illustrated in the drawings, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of an improved toy constructed in accordance with this invention. Fig. 2 is a plan view of the same. Fig. 3 is an enlarged detail view of one of the chime-bands, which surround the axle of the toy.

Similar numerals of reference designate corresponding parts in the several figures of the drawings.

Referring to the accompanying drawings, 1 designates a pair of wheels, of any convenient size and material, which are mounted fast upon the opposite ends of a revolvable shaft or axle 2. This axle is provided at points adjacent to the inner surfaces of the wheels with grooves 3, extending around the same and adapted to receive the looped or coiled terminals of a handle 4, preferably formed of wire and comprising two parallel

arms or portions connected at the handle end by an integral cross-bar 5, thus adapting the complete handle to be formed from a single piece of wire. The looped or coiled terminals of the handle rest loosely within the annular grooves of the axle and thus constitute bearings, in which said axle revolves.

6 designates a series of flexible bands, of leather or other suitable material, which extend around the central portion of the axle of the toy and are secured thereto in any convenient manner. Each of said bands is provided with a number of bells or chimes 7, secured at suitable intervals thereto, so as to revolve therewith and with the axle and to be actuated by the latter. These chimes or bells may be stitched to the bands 6 or secured thereto in any preferred manner and the bands afterward applied to the axle in the manner shown and described, or the chimes or bells may be applied and secured directly to the axle without the use of said bands, and as the axle revolves the chimes will be agitated in such manner as to sound or ring the same.

Secured to the outer face of each wheel 1 is a crank or wristpin 8, which is formed with an annular groove adapted to receive the looped or coiled end or terminal of a pitman 9, the opposite end of which is extended inward toward and given a complete twist 10 around the adjacent side bar or portion of the handle of the toy. It will be understood that one of said pitmen is employed upon each side of the device and that both are formed, preferably, from wire. After forming the twists 10, which embrace and are adapted to slide longitudinally upon the side bars of the handle, the terminals of the pitmen are extended downwardly a short distance and twisted to form an eye for the reception of a large chime 11, after which the terminal of each pitman is extended forwardly a short distance and bent to form an eye 12.

13 designates a pair of slide-bars, one of which is mounted upon each arm of the handle and is made from a wire blank extending in substantially parallel relation to the handle and formed with a series of eyes 14, to which are secured chimes or bells 15, as shown. The eye at the rear end of the slide-bar is engaged with the eye 12 of the pitman above



referred to, while the forward end of each slide-bar is extended upwardly and given one complete coil or twist around the adjacent arm of the handle, as shown at 16, after which the terminal of the blank from which the slide-bar is formed is projected upwardly and outwardly to form an overhanging bracket, from which is suspended an additional chime or bell 17.

By means of the construction above described a very simple, durable, and attractive toy is provided in which a plurality of chimes or bells are adapted to be agitated and sounded in a novel manner and in a way that will be highly amusing to children. The slide-bars carrying the chimes or bells 15 are adapted to slide freely upon the side arms of the handle and are actuated by and partake of the movements of the rear ends of the pitmen. The chimes 15 are thus subjected to a thorough agitation, which insures the ringing of the same. By providing bells or chimes of various colors and sizes the appearance of the toy, as a whole, is greatly enhanced, and the same may be made still more attractive, if desired, by trimming the wheels, handle, pitmen, &c., with colored ribbons, tassels, &c.

Various changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a toy of the character described, the combination with a pair of trundling-wheels, and an axle connecting the same, of an actuating-handle connected with said axle, pitmen extending from said wheels to and hav-

ing a sliding connection with the handle, and a series of bells or chimes slidably related to the handle and actuated by said pitmen, substantially in the manner set forth.

2. The herein-described toy comprising a pair of wheels, a connecting-axle, a handle connected with said axle and forming a bearing therefor, a pitman interposed between one of said wheels and the handle and having a sliding relation with the latter, and a slide-bar adapted to move longitudinally of said handle and connected with the pitmen in such manner as to be actuated thereby, said slide-bar having attached thereto a number of chimes or bells, substantially as described.

3. The herein-described toy comprising a pair of wheels, a connecting-axle, a handle comprising an oppositely-disposed pair of parallel arms, a longitudinally-slidable bar mounted upon each arm of said handle and carrying a series of bells or chimes, and a pitman interposed between each of said wheels and slide-bars and adapted to actuate the latter, substantially in the manner and for the purpose specified.

4. The herein-described toy, comprising a suitable handle, a revoluble wheel connected with said handle, and a pitman connected to said wheel and having a sliding connection with said handle and adapted to actuate one or more bells or chimes which also have a sliding connection with said handle, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANK AGNEW.

Witnesses:

T. C. C. COOPER,  
MINNIE KOOS.