E. LOGAN.

TOY.

APPLICATION FILED OCT. 6, 1911. RENEWED DEC. 30, 1913.

1,088,600. **Patented Feb. 24, 1914.**

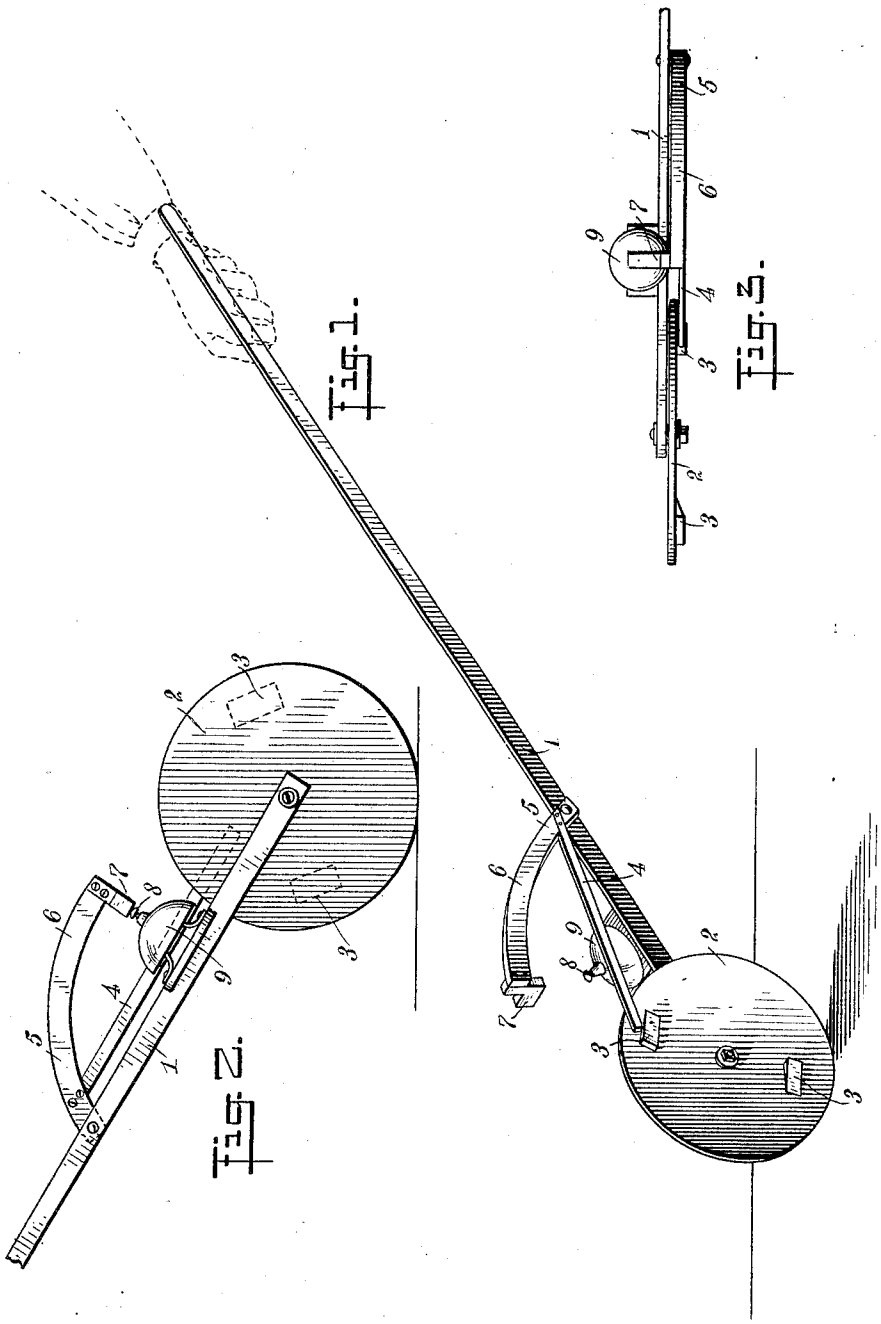


Fig. 1.

Fig. 2.

Fig. 3.

WITNESSES:

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TOY.

1,088,600. Specification of Letters Patent. Patented Feb. 24, 1914.

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To all whom it may concern:

Be it known that I, ERKWOOD LOGAN, a citizen of the United States, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Toy, of which the following is a full, clear, and exact description.

This invention relates to a new and improved toy, of a type adapted to be trundled along the floor by a child, whereby it is adapted to give a succession of rings on a bell attached thereto.

An object of this invention is to provide a device which will be simple in construction, inexpensive to manufacture, and interesting and amusing in its operation.

A further object of this invention is to provide a device in which a bell may be sounded by movement of the same in one direction, and whereby said bell will remain silent by movement in the opposite direction.

These and further objects, together with the construction and combination of parts, will be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view showing my device in use; Fig. 2 is a fragmentary enlarged view in elevation, taken at the opposite side from the view illustrated in Fig. 1; and Fig. 3 is a top plan view.

Referring more particularly to the separate parts of the device, 1 indicates a handle or frame, which is provided at its front end with a wheel or disk 2, rotatably supported on the handle 1 in any well known manner. This disk is provided, on the side thereof, with a plurality of lugs 3, secured thereto in any well known manner. These lugs are adapted to operate an arm 4 of a bell crank lever 5, which is pivotally connected to the frame 1 in any well known manner. The other arm of the bell crank lever 5, which is indicated at 6, is preferably curved in form and provided at its outer end with a hammer 7. The hammer 7 is adapted to fall onto a button 8 of a bell 9 and thereby sound the same.

It will be noted that the lugs 3 are beveled down to coincidence with the face of the wheel 2 at one end, and are cut off sharply at their opposite end, the beveled face of each lug facing in the same rotary direction. It will be seen that by this arrangement, when the wheel 2 rotates in a left-handed direction, as in being pushed forward by a person grasping the handle 1, the arm 4 will be alternately raised and dropped, so as to ring the bell 9. If, however, the wheel 2 is rotated in a right-handed direction, as by drawing the handle 1 rearwardly toward the person operating the same, the cam-like beveled surface of the lugs 3 will cause the arm 4 to slip over the same without the arm or the bell crank lever being raised at all. Under these latter conditions, the bell 9 will remain silent.

It will thus be seen that there is provided a simple and efficient toy, which will ring when desired, offering amusement to children, and yet may be so operated as to be trundled along when it is not desired to have the ringing of the bell.

While I have shown one embodiment of my invention, I do not wish to be limited to the specific details thereof, but desire to be protected in various changes, modifications and alterations which I may make within the scope of the appended claims.

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

1. The combination with a handle, of a bell on said handle, a wheel rotatably supported on said handle, a member adapted to actuate said bell, and a plurality of sloping cam lugs on said wheel adapted to actuate said member during the rotation of said wheel in one direction only.

2. The combination with a handle, of a bell on said handle, a bell crank lever pivotally connected to said handle and adapted to actuate said bell, a wheel rotatably supported on said handle, and a plurality of lugs on said wheel adapted to actuate said bell crank lever.

3. The combination with a handle, of a bell on said handle, a bell crank lever pivotally connected to said handle a hammer on said bell crank lever adapted to engage said bell to actuate the same, a disk rotatably sup-

ported on said handle, and a plurality of lugs secured to said disk and adapted to actuate said bell crank lever, said lugs having beveled outer faces extending in the same rotary direction, whereby said hammer will be actuated by said lugs by the rotation of said wheel in one direction only.

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

ERKWOOD LOGAN.

Witnesses:
WM. M. KNATZ,
J. W. GRAHAM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."