

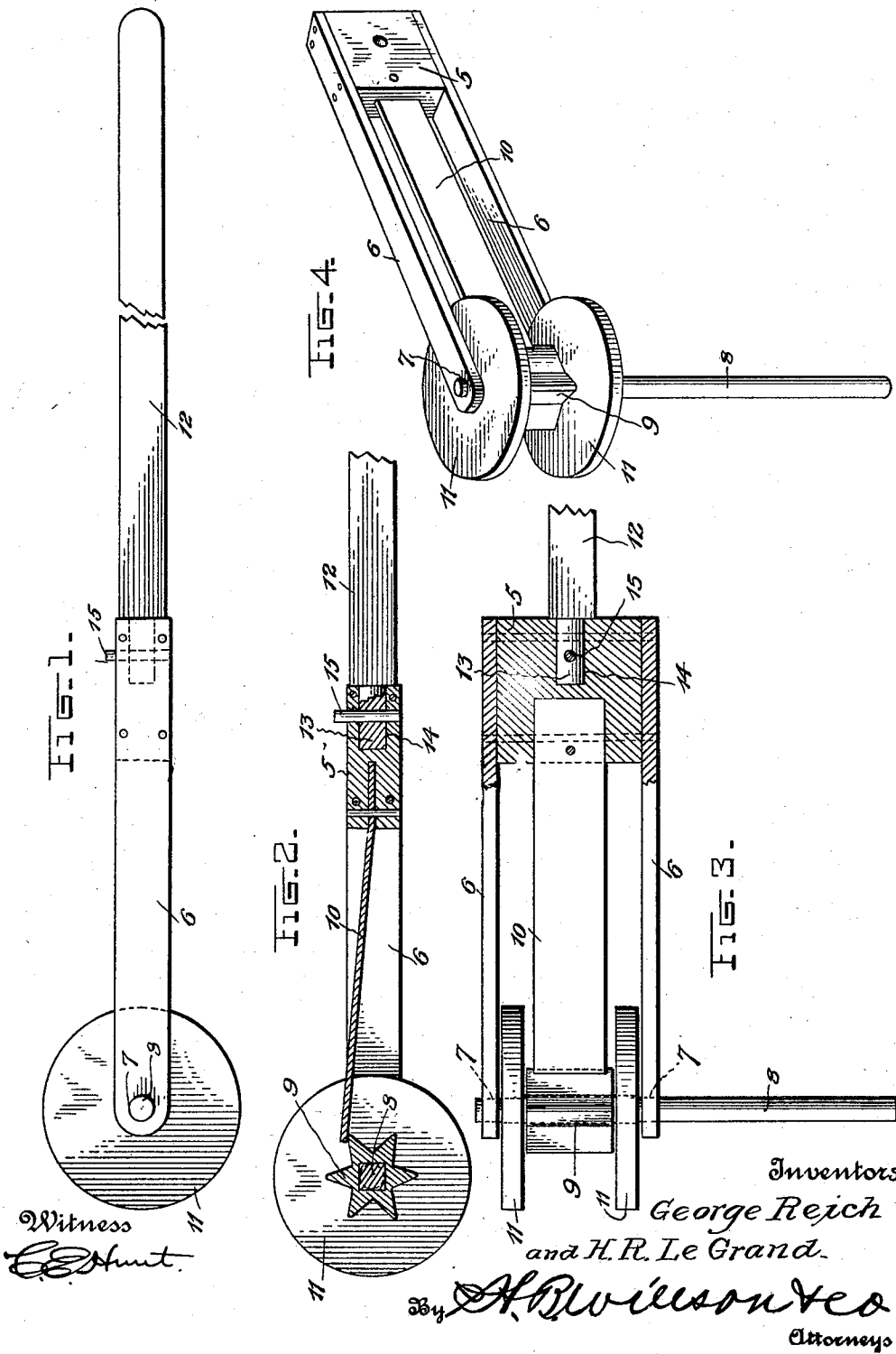
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G. REICH ET AL

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TOY

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UNITED STATES PATENT OFFICE

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TOY

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The invention relates to improvements in toys for noise making purposes. The toy is of the general type in which a toothed wheel is carried by a shaft, one end of which may be held in the user's hand while a body pivotally connected with the shaft and having a "clack" to engage the wheel, is caused to whirl about the shaft. It is the object of the invention to improve upon a toy of this character by providing the shaft with a wheel and by providing a long handle which may be attached to the body of the toy if desired, enabling the user to push it along the ground or any other surface to cause operation of the "clack".

With the foregoing in view, the invention resides in the novel subject matter herein-after described and claimed, description being accomplished by reference to the accompanying drawing.

Fig. 1 is a side elevation showing the toy in condition for operation by pushing.

Fig. 2 is a longitudinal sectional view partly in elevation.

Fig. 3 is an elevation at right angles to Fig. 1, partly in section.

Fig. 4 is a perspective view illustrating the toy in condition for operation by whirling of its body about the shaft.

The specific construction herein illustrated, will be described, with the understanding that within the scope of the invention as claimed, variations may be made.

A body is shown comprising a wooden block 5 and two wooden arms 6 secured to and projecting from said block. The free ends of these arms are provided with openings 7 in which a shaft 8 also formed of wood, is rotatably mounted, one end of the shaft being extended beyond one of the arms sufficiently to allow it to be held in the user's hand. Secured on the shaft 8 between the arms 6, is a toothed wheel 9 which co-acts with a longitudinal resilient strip or "clack" 10, the rear end of which is suitably anchored to the block 5. Also secured upon the shaft 8 between the arms 6, are two wheels 11 of larger diameter than the toothed wheel 9, said wheels 11 being adapted for rolling upon any desired surface.

An elongated handle 12 is provided for attachment to the block 5 when the toy is to be operated by pushing the same. In the present showing, the front end of handle 12 is provided with a tenon 13 receivable in a mortise 14 in the block 5, said tenon and block being provided with openings through which a pin 15 may be driven. The handle 15 and in fact all other parts of the device are preferably constructed from wood, although this is not essential.

The handle 12 may be attached or detached as desired and when it is in position, the toy may be operated by pushing it to cause rolling of the wheels 11 upon any desired surface. When the handle is detached, the projecting end of the shaft 8 may be held in one hand and moved about a substantially oval course to cause the body of the toy to whirl about the shaft. Either manner of operating the toy will cause the "clack" to snap from each tooth of the wheel 9 onto the next tooth, producing noise.

What is claimed is:

A toy comprising a block, opposed arms secured to and projecting in the same direction from said block, the free ends of said arms having bearing openings, a shaft rotatably mounted in said openings, a toothed wheel secured on said shaft between said arms, surface-engaging wheels also secured on said shaft adjacent said arms, said shaft projecting laterally to a sufficient extent from one of said wheels and arms to allow gripping of said shaft in one hand, and a "clack" co-operable with said toothed wheel and secured to the inner end of said block, the outer end of said block being provided with a socket to receive one end of a pushing handle when desired, the axis of said socket being substantially uni-directional with said arms.

In testimony whereof we have hereunto affixed our signature.

GEORGE REICH.
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