

No. 844,793.

PATENTED FEB. 19, 1907.

J. GRIFFIN.
TOY.

APPLICATION FILED JULY 11, 1906.

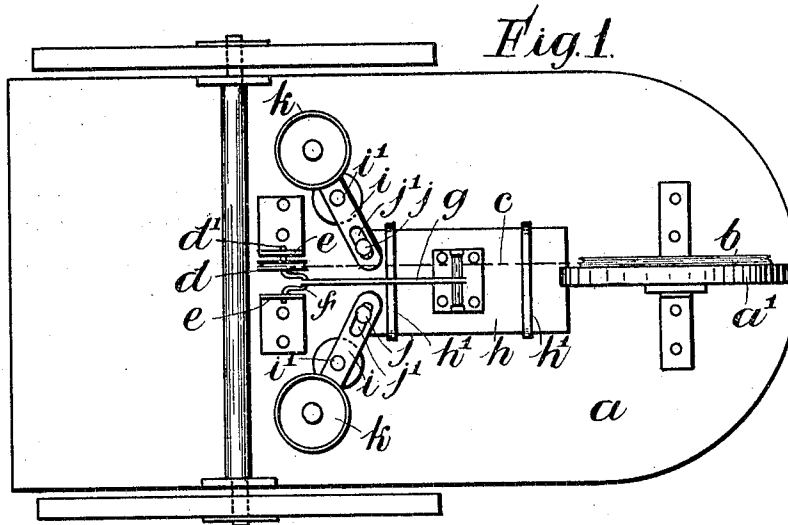


Fig. 2.

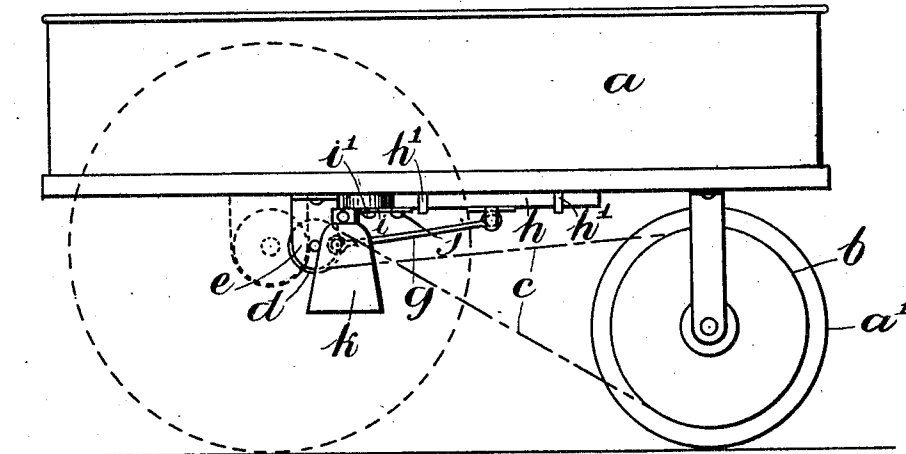
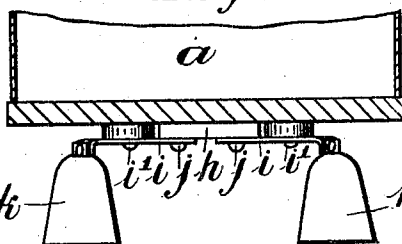


Fig. 3.



Witnesses:

Jacob Schaefer
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UNITED STATES PATENT OFFICE.

JAMES GRIFFIN, OF BORRISOKANE, IRELAND.

TOY.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES GRIFFIN, residing at Terryglass, Borrisokane, County Tipperary, Ireland, 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 a new or improved toy, the object being to provide a car, truck, or the like which during its travel operates and sounds a suitably-arranged bell or bells. In order that this invention may be fully understood, it will now be described with reference to the accompanying drawings, in which—

Figure 1 is an under side plan showing the mechanism for operating the bells. Fig. 2 is a side elevation thereof with one of the running-wheels shown diagrammatically in dotted lines for clearness, and Fig. 3 is a detail hereinafter referred to.

As shown in the drawings, a car *a*, mounted on three running-wheels, is employed, and in carrying this invention into practical effect to one of the running-wheels *a'* or to the revolving axle thereof I secure a suitable pulley *b*, connected, by means of a suitable flexible connection *c*, with a second preferably smaller pulley *d*, carried by a spindle *d'*, mounted in suitable bearings *e* beneath the body of the car or the like. This spindle *d'* has a crank *f* formed in its length, to which is secured one extremity of a connecting-rod *g*, the opposite extremity of which is secured to

a horizontal sliding piece *h*, carried in guides *h'*, in such a manner that as the car or the like travels the said sliding piece *h* is caused to oscillate. This said sliding piece *h* in turn causes two levers *i* to oscillate, each of these levers being fulcrumed, as at *i'*, beneath the car and secured at one extremity to the sliding piece *h* by means of pins *j*, passing through slots *j'* in the said levers *i*, or by other suitable means, and carrying at its other extremity a suitable bell *k*, and these bells are sounded as the sliding piece *h*, and consequently the levers *i*, oscillate, as hereinbefore described.

It is obvious that any number of bells and levers may be employed within practical limits, and, if desired, an eccentric may replace the crank *f*, formed in the spindle *d*.

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

In a sounding toy, the combination, with a base provided with ground-wheels, of a guide secured to the said base, a plate slidable in the said guide, driving mechanism for reciprocating the said plate from one of the said ground-wheels when the toy is drawn along, a lever pivoted to the said base and operatively connected with the said plate at one end, and a bell secured to the other end of the said lever.

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

JAMES GRIFFIN.

Witnesses:

MANUEL D. HICKIE,
MICHAEL RICHARDSON.