

(No Model.)

F. H. HARRIS.
TOY VEHICLE.

No. 500,805.

Patented July 4, 1893.

Fig. 3.

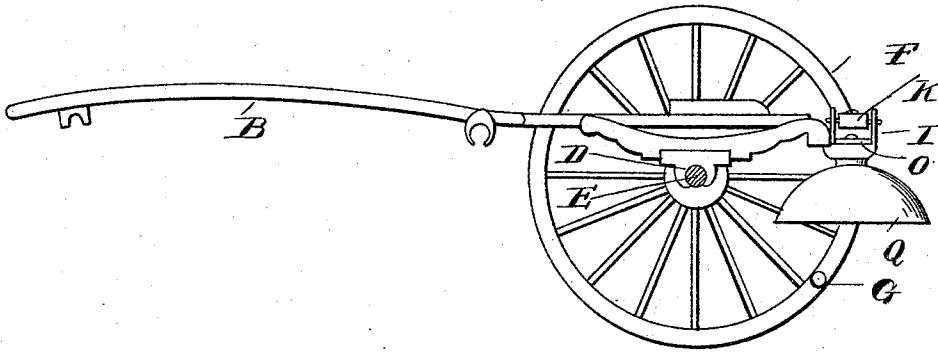


Fig. 2.

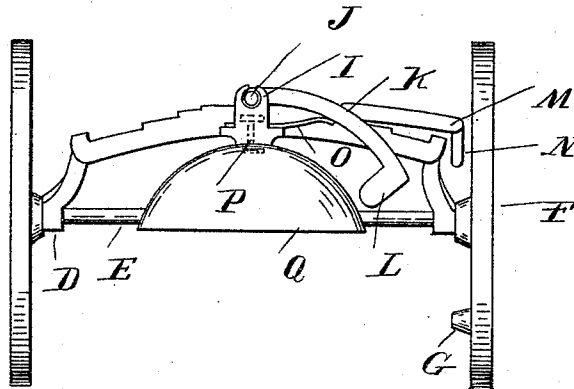
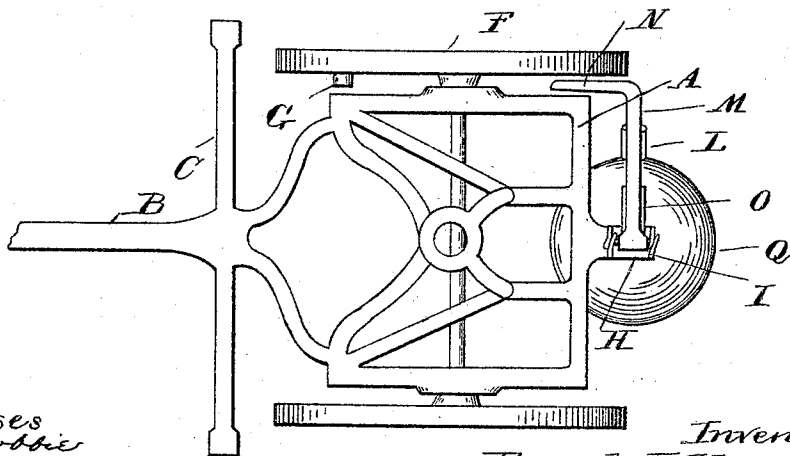


Fig. 1.



Witnesses
A. L. Hobbs
W. B. Ogden

Inventor
Frank H. Harris
By W. B. Ogden
Attys.

UNITED STATES PATENT OFFICE.

FRANK H. HARRIS, OF TOLEDO, OHIO.

TOY VEHICLE.

SPECIFICATION forming part of Letters Patent No. 500,805, dated July 4, 1893.

Application filed June 13, 1892. Serial No. 436,529. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. HARRIS, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Toy Vehicles, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to new and useful
10 improvements in toy vehicles, and the invention consists in the peculiar construction of a vehicle an alarm applied thereto, operated by the wheel of the vehicle all as more fully hereinafter described.

15 In the drawings, Figure 1 is a plan view of my improved vehicle. Fig. 2 is a rear elevation thereof. Fig. 3 is a side elevation with one wheel removed.

A is the frame, B is the tongue.

20 C are the whiffle-trees preferably cast integral in one piece. Upon the under side of the frame and cast integral therewith are the lugs D adapted to be bent over to clasp the axle E at the end of which are journaled the
25 wheels F. One wheel is provided on its inner face with the lug G which forms the striker for the bell operating mechanism.

H is an extension cast integral with the frame and having the upward extending lugs
30 I at the front and rear ends thereof. These lugs are arranged in pairs separated a sufficient distance to allow the shaft J to be placed between them when the lugs are then turned over upon the top of the shaft to secure it in
35 position, as shown in Fig. 2. To this shaft and preferably cast integral therewith is a hammer lever K at the end of which is the hammer head L. This hammer lever is bifurcated about its middle and one arm of the

bifurcation extends to the hammer as described, while the other forms an actuating arm
40 M which extends to the side of the frame and has the finger N extending parallel therewith and into the path of the striking lug G upon the wheel. 45

O is a spring or flexible rest, resting on the extension H and secured thereon by means of the rivet P which also forms a means for securing the bell Q to the extension, the extension being suitably apertured to receive
50 the rivet. This rest extends upward beneath the hammer lever K supporting the hammer L slightly above the bell.

As the wheel revolves in the movement of the vehicle the lug G will strike the finger N
55 and raise it, and after passing from beneath it, it will fall by gravity and the hammer L will strike the bell by overcoming the flexibility of the rest O, and will then be lifted off the bell by that flexible rest ready for another
60 operation.

What I claim as my invention is—

In a toy vehicle, the combination with a wheel supported frame, of an extension on the rear thereof, a bell secured to the extension, a hammer pivotally connected with the extension above the bell, an arm on the hammer extending, out from a point intermediate the ends thereof, a lug on a wheel arranged to engage the arm, and a short spring on the
65 extension projecting out below the hammer, substantially as described. 70

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

FRANK H. HARRIS.

Witnesses:

CHAS. W. BOND,
HARRIET FRANKENBERGER.