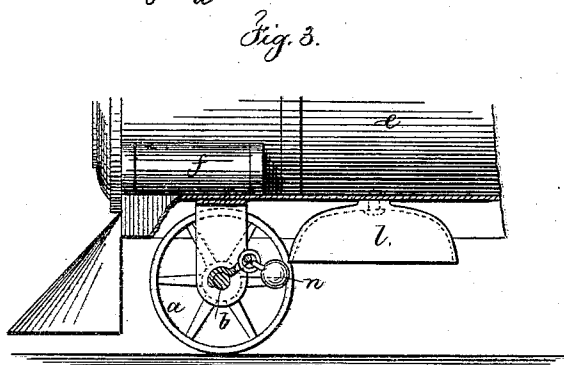
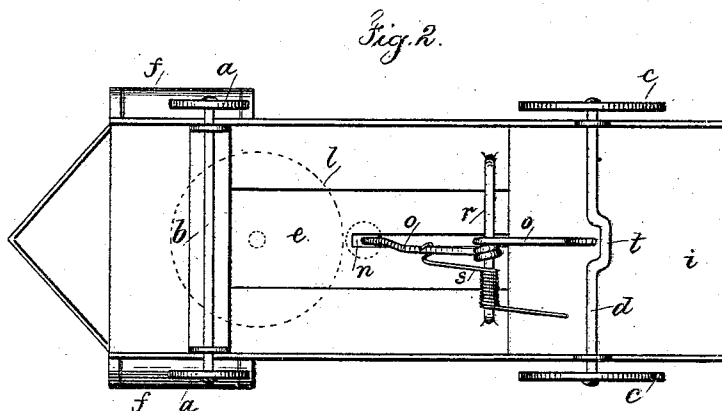
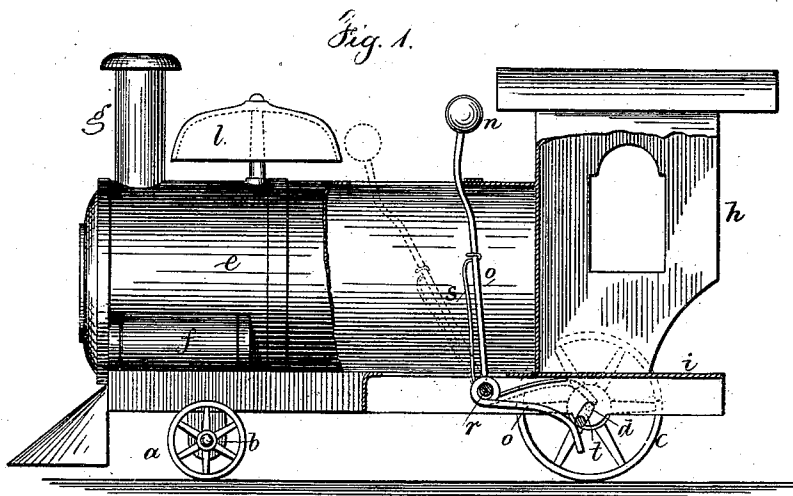


(No Model.)

S. H. CARR.
TOY LOCOMOTIVE.

No. 273,347.

Patented Mar. 6, 1883.



Witnesses

Chas H. Smith
J. Hail

Inventor

Sydney Herbert Carr.
per Lemuel W. Perrell

att'y

UNITED STATES PATENT OFFICE.

SYDNEY H. CARR, OF NEW YORK, N. Y., ASSIGNOR TO LEO SCHLESINGER
& CO., OF SAME PLACE.

TOY LOCOMOTIVE.

SPECIFICATION forming part of Letters Patent No. 273,347, dated March 6, 1883.

Application filed January 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, SYDNEY HERBERT CARR, of the city and State of New York, have invented an Improvement in Toy Locomotives, of which the following is a specification.

The object of this invention is to combine with a toy locomotive a gong-bell, a hammer for striking the same, and a connection to the shaft of the wheels for moving the hammer.

Toys have been made with wheels and with bells and hammers for striking the same; but a fixed bell has not been combined with a toy locomotive and with means for actuating the hammer, such as I make use of.

In the drawings, Figure 1 is an elevation partially in section. Fig. 2 is an inverted plan, and Fig. 3 represents the hammer as moved by the axle of the front wheels.

The front wheels *a* are upon the axle *b*, and the rear or imitation driving-wheels, *c*, are upon the axle *d*.

The imitation boiler *e*, cylinders *f*, smoke-stack *g*, cab *h*, and platform *i* are usually made of sheet metal, and these parts have been painted or ornamented, and they are to be of any desired character.

The gong-bell *l* is fastened at the center to the boiler, either above the same, as in Fig. 1, or below it, as in Fig. 3, and the hammer *n* is vibrated by the shaft of one of the pairs of wheels.

The hammer *n* (shown in Figs. 1 and 2) is upon a spring stem or handle, *o*, that is pivoted at the wire *r*, and the spring *s* projects the hammer against the bell. The crank *t* upon the axle *d* draws back the hammer *n* as the toy locomotive is drawn along, said crank acting upon the bent end or tail of the hammer-handle *o*.

In Fig. 3 the hammer *n* is jointed to an arm, *u*, upon the front axle, *b*, and the same swings around and strikes upon the bell near its edge, the centrifugal action projecting the hammer sufficiently far to cause it to strike said bell.

I am aware that a bell has been placed upon the platform of a toy in which there is a moving figure, and that the arms or trunk of such toy figure have been moved, and that the bell has been struck by a hammer or clappers moved by the rotation of the wheels as the toy is drawn along. In my toy there is not any figure, and the bell is a fixture upon the boiler portion.

I claim as my invention—

1. The combination, with the toy locomotive, of a bell fixed to the boiler portion, a hammer to strike the same, and mechanism, substantially as specified, between the hammer and one of the axles of such toy locomotive, to give motion to the hammer, as set forth.

2. The combination, with the toy locomotive, of a bell, a hammer to strike such bell, a hammer-handle, a spring, and a crank upon the axle of one of the pairs of wheels to act upon the hammer-handle, substantially as set forth.

3. The combination, with the toy locomotive, of a fixed bell upon the boiler portion, a hammer to strike the same, and an arm or crank upon the axle to give motion to the hammer, substantially as set forth.

Signed by me this 17th day of January, A. D. 1883.

SYDNEY H. CARR.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.