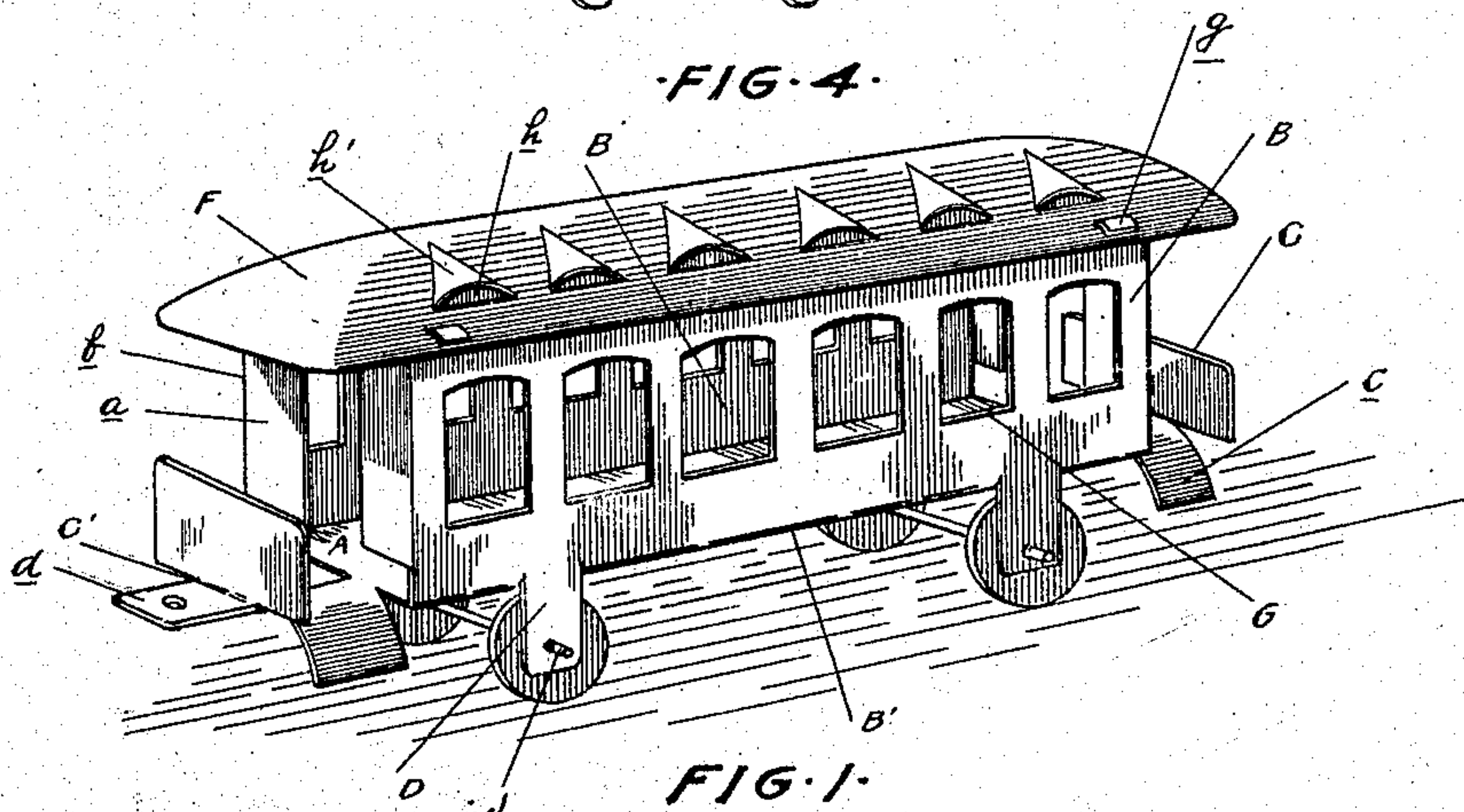
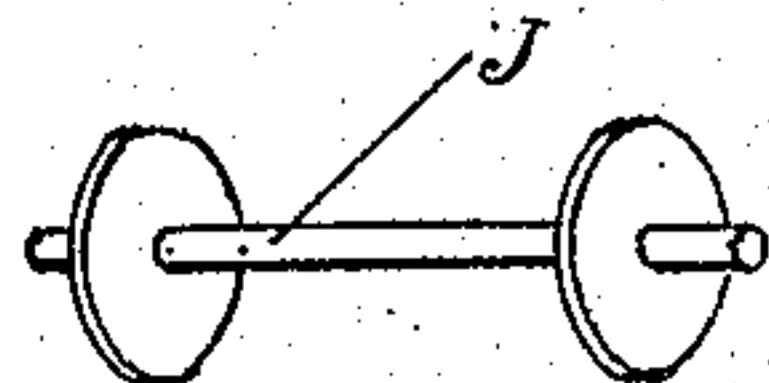
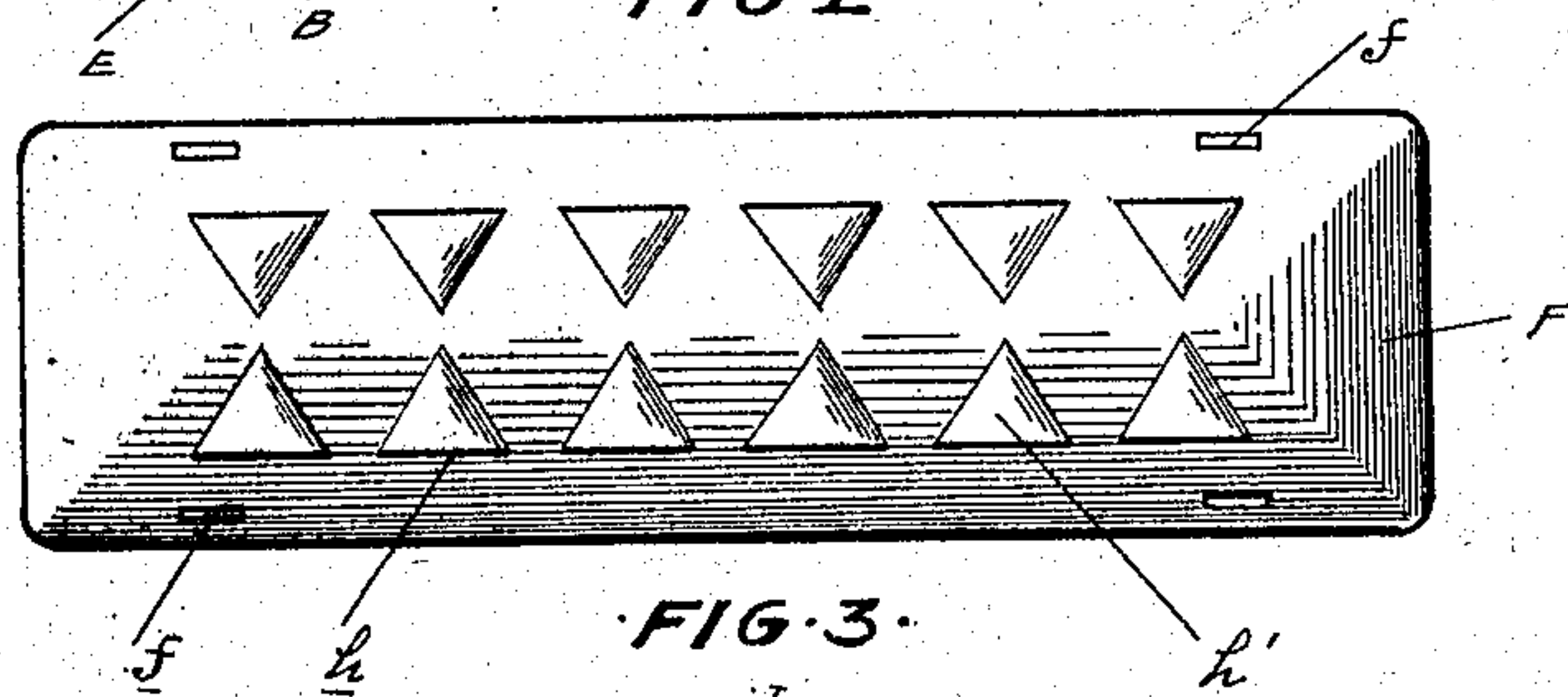
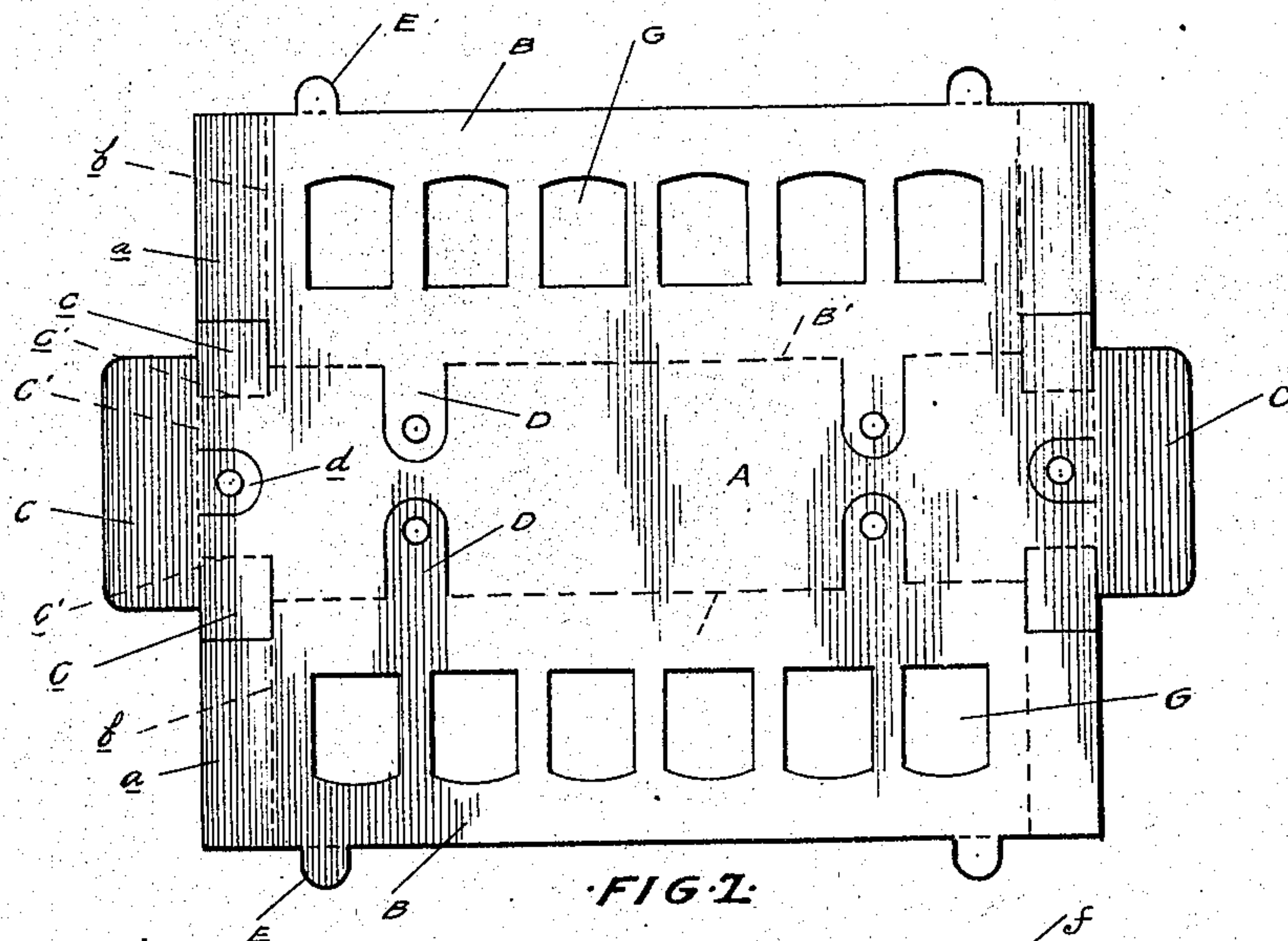


No. 815,504.

PATENTED MAR. 20, 1906.

F. V. BARTLETT.
TOY CAR.

APPLICATION FILED JULY 17, 1905.



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FRANK V. BARTLETT, OF DETROIT, MICHIGAN.

TOY CAR.

No. 815,504.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed July 17, 1905, Serial No. 270,032.

To all whom it may concern:

Be it known that I, FRANK V. BARTLETT, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Toy Cars, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to new and useful improvements in toys, and the object is to provide a novel construction of toy railroad-cars and vehicles of similar shapes, as will be more fully hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of the finished car. Fig. 2 is a plan view of the floor and side blank. Fig. 3 is a plan of the roof, and Fig. 4 is a perspective of the wheels.

The blank (shown in Fig. 2) is preferably of sheet metal, and A is the floor, and B B the sides, shaped by bending the blank on the dotted lines B'. On each end of the sides are the extensions *a a*, adapted to be bent on the lines *b b* to form the car ends.

C C form the platform-railings by being bent up on the lines C' C', and the steps are formed by the flaps *c c*, which are cut on three sides and bent down on the fourth side on the lines *c' c'*.

The pedestals or tongues D are formed by slitting the blank and are bent down and apertured to serve as journals for the axle, while E are lugs or ears adapted to engage the slots *f* in the roof to hold the sides thereto, as shown at *g* in Fig. 4. The draw-bars or couplings are formed by bending out the apertured tongues *d*.

Windows G are stamped or cut out, preferably, when the blank is formed, and the slitting is done at the same time, so that when the blank is formed it is ready to be bent into shape.

The roof F is formed from a rectangular blank, preferably of metal, having slots *f* and slits *h*, by bending down the ends and sides or stamping into convex form and leaving the arched triangles *h'* along the slits *h* to form the windows or ventilators H.

The wheels K are preferably cast in pairs, integral with the axle J, and are mounted by

inserting the ends of the axles in apertures in the tongues D.

I do not wish to limit myself to the construction of cars, for it is obvious that many similar toy vehicles may be constructed in the same way without departing from the scope of my invention.

By stamping the pitched roof from a single sheet of material slitted at suitable points before or at the same time with the stamping the slits are pulled out and formed into windows by the stretching process. The tops of the windows may thus be left in the same plane with the ridge of the roof.

What I claim as my invention is—

1. In a toy vehicle a single piece of sheet metal forming the floor and platform of the vehicle and having portions bent up to form the sides and platform-railings, portions turned down to form the pedestals and steps, and portions bent out to form the couplings, substantially as described.

2. In a toy vehicle the combination with a single piece of sheet metal forming the floor and platform of the vehicle and having portions bent up to form the sides and railings, portions bent out to form couplings, and portions turned down to form steps and pedestals, of wheels journaled in said pedestals and a roof secured to said sides, for the purpose described.

3. In a toy vehicle a single piece of metal forming the floor and platforms of the vehicle and having portions bent down to form steps, portions bent up to form sides and railings and the ends of the sides bent to form the ends of the vehicle, for the purpose described.

4. In a toy vehicle a single piece of metal forming floor and platform and having portions bent up to form sides and having portions of the floor slitted and turned down to form pedestals alined with said sides, for the purpose described.

5. In a toy vehicle a single piece of metal forming floor and platforms and having portions bent up to form sides and railings, portions slitted and bent to form couplings and steps, and portions slitted and turned down to form pedestals, for the purpose described.

6. In a toy vehicle the combination with a single piece of sheet metal forming floor and

platforms and having portions bent up to form sides and railings and portions slitted and turned down from the floors to form pedestals, of a convex roof stamped from a single piece of metal and secured to said sides and having windows struck up therefrom, for the purpose described.

7. In a toy vehicle the combination with a single piece of sheet metal forming floor, sides and pedestals, of a convex roof secured to

said sides, said roof having slits therein and one edge of said slits struck up to form windows, for the purpose described.

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

FRANK V. BARTLETT.

Witnesses:

ROSS R. CATON,

ANNA H. HEINRICH.