C. M. BARTHOLOMEW.

HOOP PROJECTING DEVICE.

APPLICATION FILED APR. 10, 1908.

912,059. Patented Feb. 9, 1909.

Fig. 1

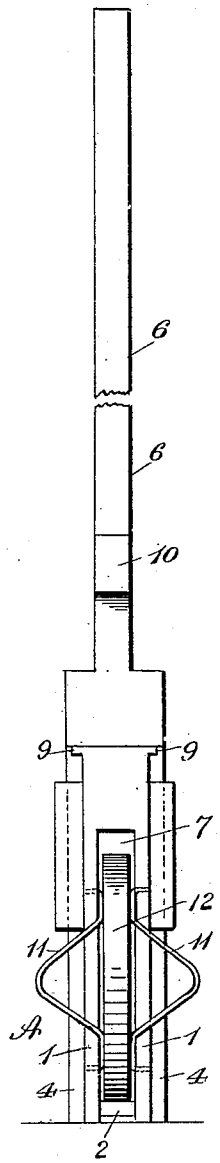


Fig. 2.

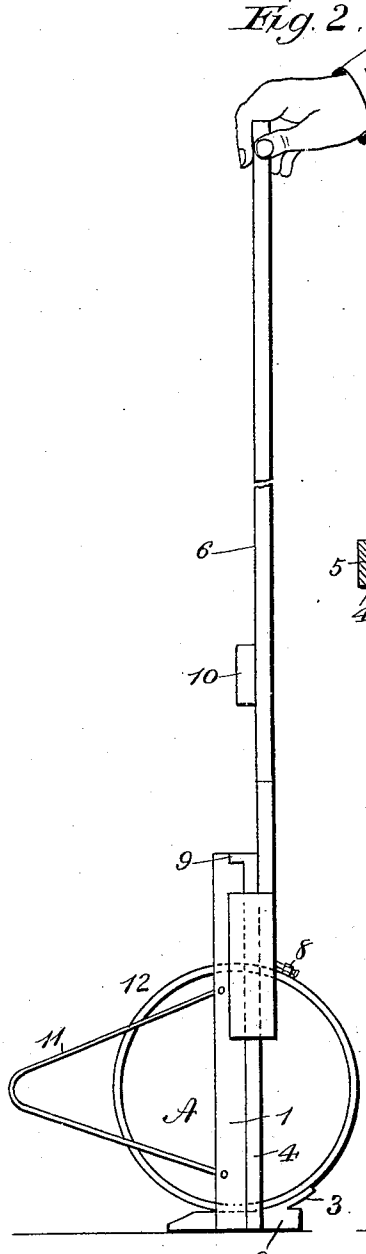


Fig. 4.

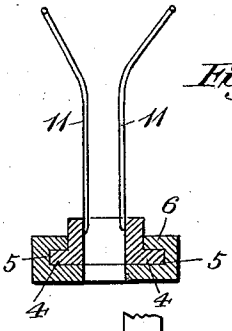
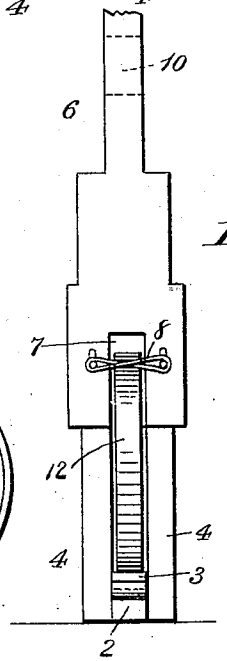


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

CASSIUS M. BARTHOLOMEW, OF COLUMBUS, OHIO, ASSIGNOR OF ONE-HALF TO JONATHAN A. RADEBAUGH, OF COLUMBUS, OHIO.

HOOP-PROJECTING DEVICE.

No. 912,059. Specification of Letters Patent. Patented Feb. 9, 1909.

Application filed April 10, 1908. Serial No. 426,295.

To all whom it may concern:

Be it known that I, CASSIUS M. BARTHOLOMEW, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Hoop-Projecting Devices, of which the following is a specification.

My invention relates to an improvement in hoop projecting devices and the object is to provide means whereby a hoop can be discharged and caused to return by the action given when operated upon.

The invention consists of certain novel features of construction and combinations of parts, which will be hereinafter described and pointed out in the claims.

In the accompanying drawings Figure 1 is a front view; Fig. 2 is a side view; Fig. 3 is a rear view, and Fig. 4 is a detail.

A represents a frame having sides 1, 1, which are closed at the top and bottom. The bottom is closed by a plate 2, which is provided with a projection or abutment 3 at the rear end. On the sides 1, 1 guide-ways 4, 4 are formed, which are received in recesses or grooves 5, 5 in the handle 6. The lower end of the handle is preferably provided with a slotted opening 7 and across the opening an elastic or rubber band 8 extends. Stops 9, 9 are formed at the top of the frame A to limit the upward movement of the handle 6, and a stop 10 is formed on the handle to limit its downward movement.

Guides 11, 11 preferably made of wire are connected to the frame and extend outwardly therefrom. The ends of the guides are curved outwardly and between these guides and upon the plate 2 a hoop 12 is received. The hoop extends between the sides 1, 1 and as the handle is forced downward it is capable of sliding on the guide-ways 4, 4 on the frame, the rubber band 8 is pressed down on the hoop and then a quick downward movement is given to the handle causing the hoop to be forced outwardly, and the same action which forces the hoop outwardly gives it a backward revolution which causes the hoop to return after it has traveled a certain distance according to the force given to the handle in discharging the hoop. By practice the operator can discharge the hoop and cause the hoop to return to the guides 11, 11 and in position to be operated upon again.

It will be seen that I have provided a perfectly harmless toy which can be operated by any person and one which consists of few parts and which can be manufactured at a small cost.

It is evident that more or less slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth, but:—

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

1. A hoop projecting device comprising a frame for a hoop, a handle movably connected to the frame, and means on the handle for giving rotary motion to the hoop and discharging it from the frame whereby it will return to the point of discharge.

2. A hoop projecting device comprising a frame for a hoop, and a handle slidably mounted upon the frame for discharging the hoop.

3. A hoop projecting device comprising a frame for a hoop, and a handle slidably mounted upon the frame and adapted to give rotary motion to the hoop and discharge it from the frame whereby it will return to the point of discharge.

4. A hoop projecting device comprising a frame for a hoop, means on the frame for limiting the rearward movement of the hoop, a handle slidably mounted on the frame, and means connected to the handle for giving rotary motion to the hoop when the handle is moved and discharging it from the frame whereby it will return to the point of discharge.

5. A hoop projecting device comprising a frame for a hoop, a support and guides on the frame for holding the hoop in position, a handle slidably mounted on the frame, and elastic means connected to the handle

for giving rotary motion to the hoop and discharging it from the frame whereby it will return to the point of discharge.

6. A hoop projecting device comprising a frame for a hoop, a support and guides on the frame for holding the hoop in position, a handle slidably mounted on the frame, elastic means connected to the handle for giving rotary motion to the hoop and discharging it from the frame whereby it will return to the point of discharge and stops for limiting the movement of the handle.

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

CASSIUS M. BARTHOLOMEW.

Witnesses:
J. C. McElroy,
Fred. J. Schmitt.