

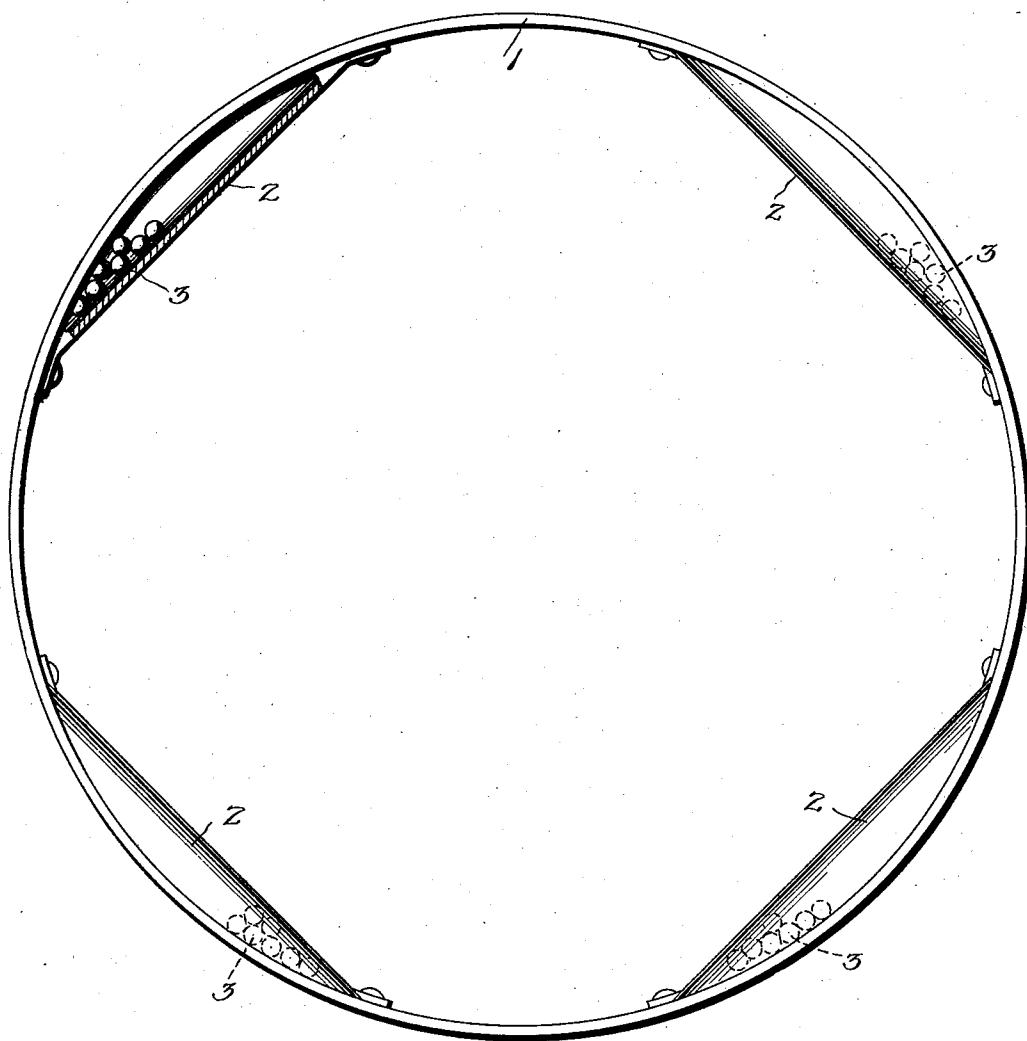
No. 708,143.

Patented Sept. 2, 1902.

E. P. HINMAN.
ROLLING HOOP.

(Application filed Nov. 20, 1901.)

(No Model.)



Witnesses

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by

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UNITED STATES PATENT OFFICE.

EDWARD P. HINMAN, OF NORTH ANDOVER, MASSACHUSETTS.

ROLLING-HOOP.

SPECIFICATION forming part of Letters Patent No. 708,143, dated September 2, 1902.

Application filed November 20, 1901. Serial No. 83,013. (No model.)

To all whom it may concern:

Be it known that I, EDWARD P. HINMAN, a citizen of the United States, residing at North Andover, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Rolling-Hoops; 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.

My invention relates to rolling-hoops or playing-hoops for children. Its object is to provide a hoop which will balance readily or maintain its equilibrium and at the same time make a rattling or musical noise while in action.

To this end it consists, essentially, of a hoop having pockets to hold balls or shot or similar moving objects.

In the accompanying drawing the figure illustrates a portion of a hoop with one of the pockets broken away to show the inclosed balls.

1 represents a portion of a hoop; 2, pockets attached to the inner side of the hoop, the base of a pocket forming a chord of an arc of the hoop.

3 represents balls, preferably of metal, such as large shot, which are free to play in the pockets.

The pockets may be of any conformation in cross-section—such, for example, as rectan-

gular or semicircular. They may be attached to the under surface of the hoop—for example, by being fitted into grooves or by attaching devices, as illustrated in this case. So, also, the number of pockets may vary according to the size and character of the hoop. In practice I find it advantageous to use not less than four, generally opposing two of the pockets on practically the same plane in each division of the hoop.

When the hoop is rolled, the shot tend to steady it and maintain its equilibrium. They also appear to have the function of accelerating the movement of the hoop under the impulse of the stick. In addition to this the balls in rolling about in the pockets produce a rattling noise, and when the pockets are made of appropriate metal the result is a pleasing musical sound.

Having fully described my invention, what I claim is—

The combination with a hoop, of inclosed pockets constituting chords of an arc of the hoop, and balls or similar free objects in the pockets.

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

EDWARD P. HINMAN.

Witnesses:

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