(No Model.)

J. B. FLYNT & A. YOUNG.

Skipping Rope.

No. 233,224. Patented Oct. 12, 1880.

Fig. 1.

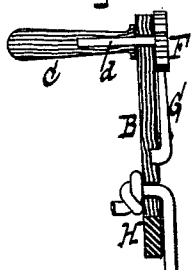
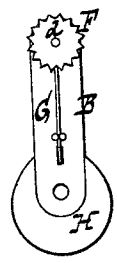
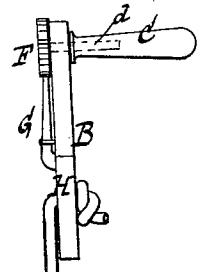
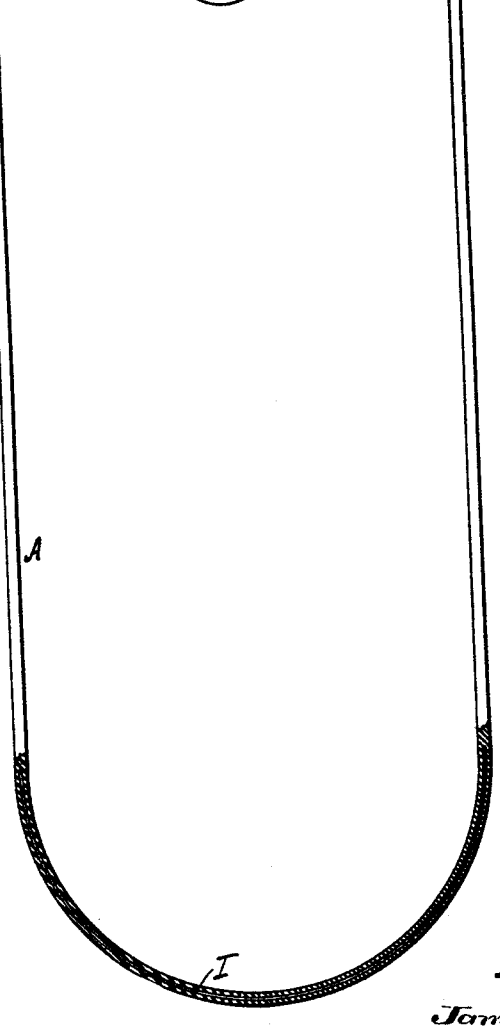


Fig. 2.







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UNITED STATES PATENT OFFICE.

JAMES B. FLYNT AND ALBERT YOUNG, OF BROOKLYN, NEW YORK.

SKIPPING-ROPE.

SPECIFICATION forming part of Letters Patent No. 233,224, dated October 12, 1880.

Application filed July 22, 1880. (No model.)

To all whom it may concern:

Be it known that we, JAMES B. FLYNT and ALBERT YOUNG, both citizens of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Skipping-Ropes, of which the following is a specification.

This invention relates to certain improvements in children's skipping-ropes, and will first be described with reference to the drawings, and then pointed out in the claims.

This invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a part side view and part section. Fig. 2 is a face view of one of the swinging arms.

Similar letters indicate corresponding parts.

The letter A designates a skipping-rope, the opposite ends of which are fastened to arms B B, which are hung on the ends of handles C C by pivots *d d*, so that the arms are capable of swinging on the handles. The pivots *d d* are fixtures of ratchet-wheels F F, which are located on the faces of the arms B B, opposite to the handles, and are engaged by clappers G G. These clappers consist of strips of metal or other stiff elastic material, and are fastened to the arms B B.

The swinging arms B B are at right angles to the handles C, and inasmuch as the arms turn freely in any direction the rope is not liable to be twisted or coiled when in use. In applying the article to use the handles C C are taken hold of and the rope is swung in the usual manner, when the arms B B obtain a similar motion and the clappers G G are caused to ride over the ratchet-wheels F F, thus producing a rattling noise, which gives to the article a very amusing character. The swinging arms B B are provided with weights H H at their inner or lower ends, where the rope A is connected thereto, for the purpose of facilitating the motion of these arms, together with the rope, and in this example such weights are applied to the arms at their edges, but it is obvious that they can be applied thereto also in other ways.

The rope A is provided with a metallic flexible wire, I, at the middle portion thereof, for the purpose of stiffening the same at that point. This wire I may be embedded in the rope or intertwined therewith, and the same being capable of bending, the middle portion of the rope can thereby be brought to a circular form, as shown, or to any other desired form that fancy may suggest.

What we claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the rope A, of the swinging arms B B and handles C C, the whole constructed and adapted for use substantially as described..

2. The combination, with the rope A, of the swinging arms B B, handles C C, ratchet-wheels F F, and clappers G G, the whole constructed and adapted for use substantially as described.

3. The combination of the swinging arms, having the weights H H, with the handles C C, rope A, ratchet-wheels F F, and clappers G G, the whole constructed and adapted for use substantially as described.

4. The combination of the rope having a flexible metallic wire at the middle portion thereof, with the swinging arms B B and handles C C, the whole constructed and adapted for use substantially as described.

In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

JAMES B. FLYNT.
ALBERT YOUNG.

Witnesses:
WILLIAM MILLER,
CHAS. WAHLERS.