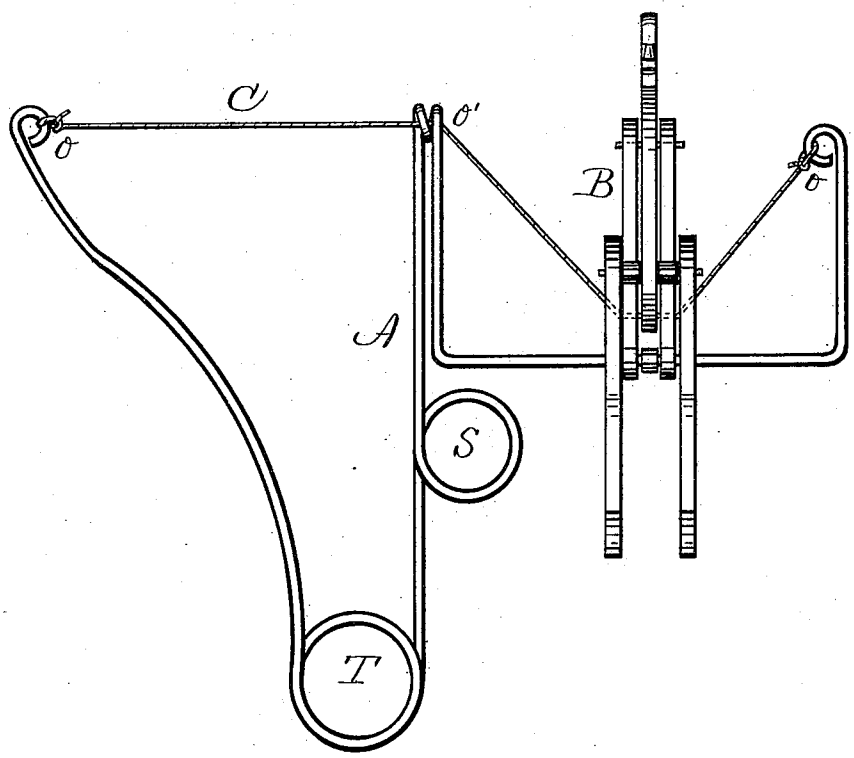
(No Model.)

J. A. KIENARDT.

JUMPING JACK.

No. 336,923. Patented Mar. 2, 1886.



WITNESSES:
Fred Reibold
Leopold Leibold

INVENTOR
John A. Kienardt
BY B. Pickering
His ATTORNEY

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOHN A. KIENARDT, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO JOHN B. MEIXELL, OF SAME PLACE.

JUMPING-JACK.

SPECIFICATION forming part of Letters Patent No. 336,923, dated March 2, 1886.

Application filed January 7, 1886. Serial No. 187,865. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. KIENARDT, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Jumping-Jacks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in a toy entitled a "jumping-jack;" and it consists of a wire frame, the lower part of which is adapted to be grasped by the hand, and to the upper part of which is suspended by the arms a figure in semblance of a man or monkey. Through the arms is passed a string, attached to the top of the frame. The lower part of the frame is contracted by closing the hand, which permits the figure to drop, and on relaxing the grip the resiliency of the frame raises the figure. The alternating movements cause a variety of evolutions of the figure.

The mechanism is illustrated in the accompanying drawing, in which the figure is a front view of the improved jumping-jack.

A is a frame made of one piece of steel wire. At the left end the loop O is formed. From this point the wire curves downwardly to the coil T, which may consist of one or more turns, thence in vertical line to the coil S, thence to the small coil O′, where one turn is made, the wire passing parallel with the other portion until near the coil S, where it is bent at a right angle, giving the same a horizontal position. At a distance to the right it is bent to a vertical position and terminates in the loop O, like that formed at the opposite end. The cord C is attached to the end loops, and passes through the loop O′ and also through holes in the arms of the figure.

In the construction of the figure there is nothing new. To the body, with the head permanently attached, are pivoted the arms and legs. In the part of the arms corresponding to the hands are holes, which embrace the horizontal portion of the frame, and these are slipped on said frame before the last vertical bend and the loop is formed. The spring of the part of the frame to be grasped by the hand keeps the cord tense, and thereby the cord holds the arms of the figure in a vertical position. By contracting this part of the frame the figure drops down, and by relaxing the grip the resiliency of the frame causes the figure to spring upwardly, and by these alternating movements a variety of evolutions of the figure are caused.

In grasping the toy to operate the same, the index-finger is placed in the inner angle of the frame, the second finger in the coil S, the little finger in the coil T, and the thumb bears on the curved or movable end, and thus this part is readily compressed.

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

A wire frame to operate a jumping-jack, consisting of end loops, O O, and central loop, O′, to support the cord, loop T, and the external movable part connected therewith, loop S, the vertical parts, and the horizontal parts on which is held the figure, and the cord C, connected to the arms of the figure, substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN A. KIENARDT.

Witnesses:
B. PICKERING,
SUMNER T. SMITH.