

J. M. Keen,

Toy.

No. 88,305.

Patented Mar. 30. 1869.

Fig. 1.

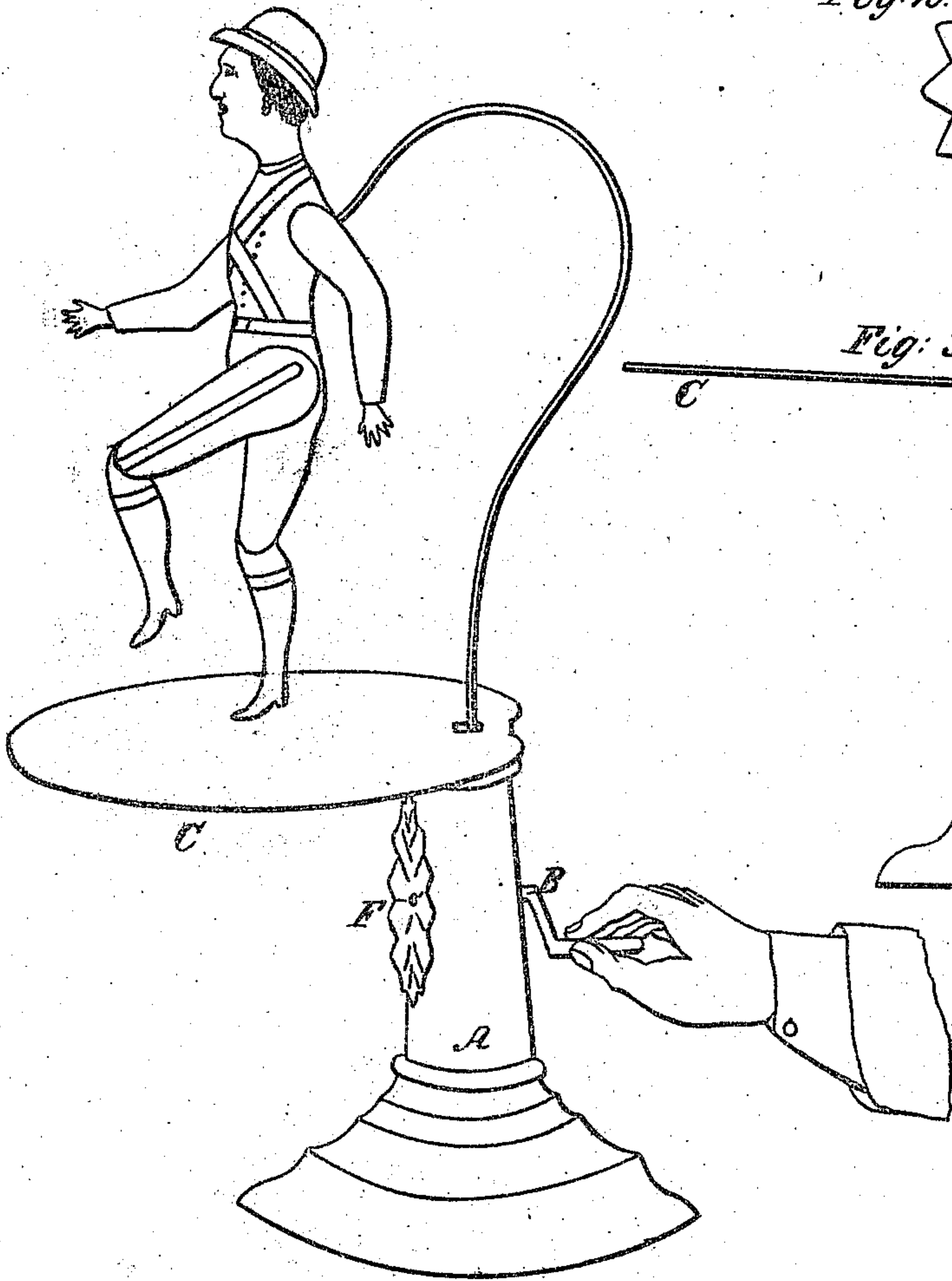


Fig. 2.

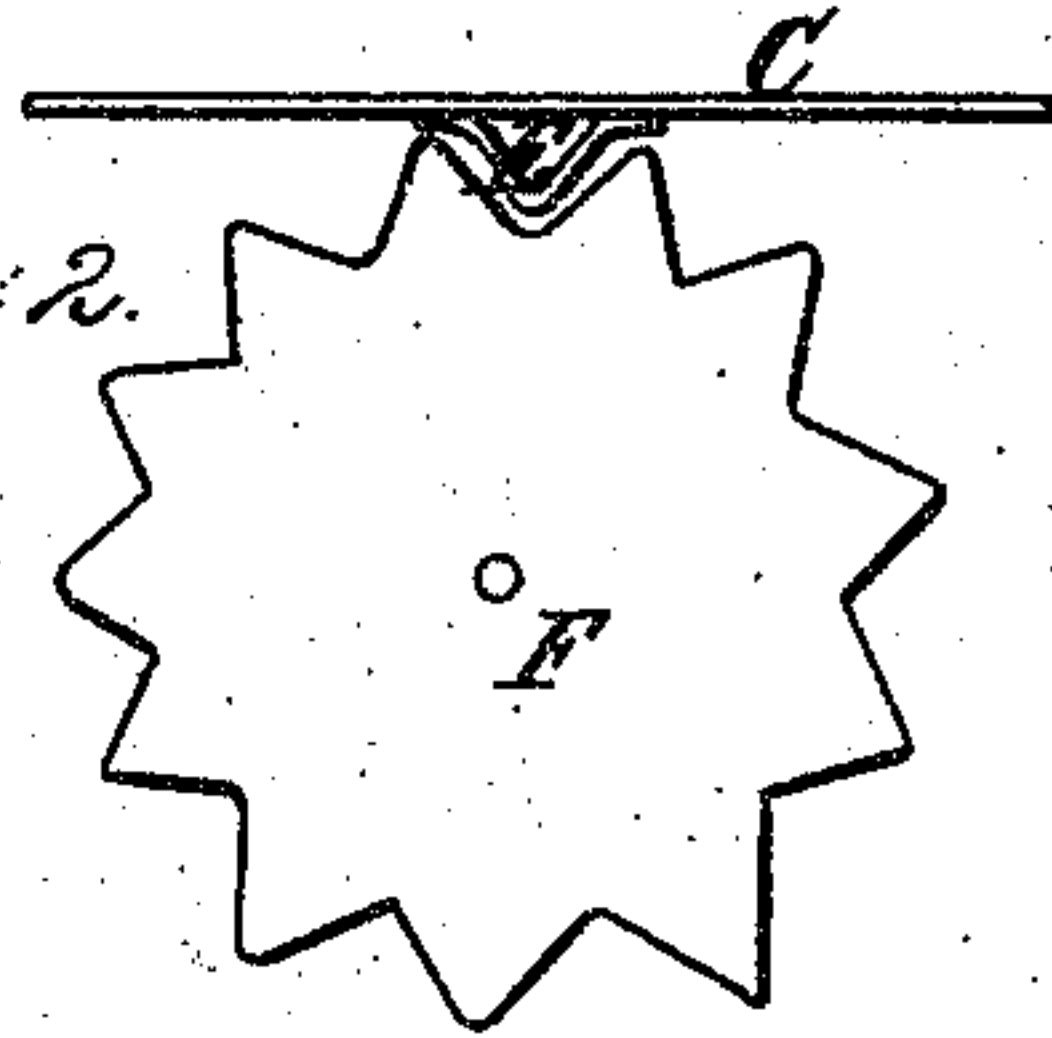
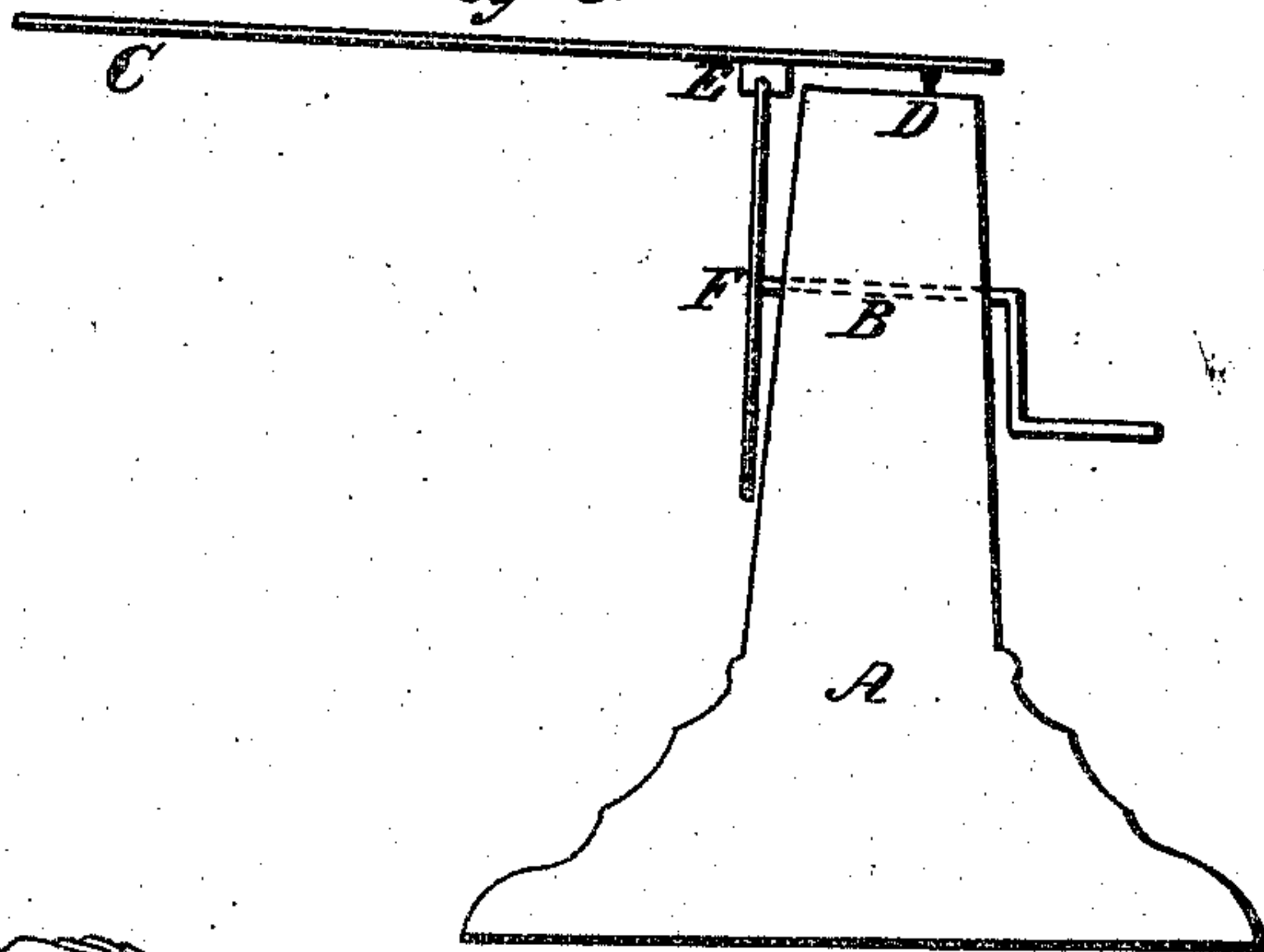


Fig. 3.



Witnesses;
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JAMES M. KEEP, OF NEW YORK, N. Y.

Letters Patent No. 88,305, dated March 30, 1869; antedated September 30, 1868.

IMPROVEMENT IN DANCING-MOTION FOR TOYS.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, JAMES M. KEEP, of the city of New York, in the county and State of New York, have invented a new, cheap, and convenient Device for Giving the Dancing-Motion to Toys; and I do hereby declare that the following is a full and clear description of my invention, reference being had to the accompanying drawings, forming a part of these specifications.

My invention consists of a platform, made of tin or any other suitable material, acting upon a hinge, and provided with a lug, or fulcrum, to be acted upon by a toothed, or scalloped wheel, or disk, or its equivalent, made of tin, or other suitable material, the whole being constructed as hereinafter described.

In the plate of drawings accompanying these specifications—

Figure 1 represents a perspective view of my device for dancing toys, constructed with the platform and disk complete, with the toy attached, and ready for use.

Figure 2 represents a cross-section, showing, by outlines, the position of the platform and disk.

Figure 3 represents a lateral section, also showing the position of the platform and disk.

To enable others to construct and use my invention, I will now proceed to describe it in detail.

By referring to fig. 1, a general idea of the construction of my device for dancing toys may be had.

It consists of a stand, A, made of wood or other material, through which passes the crank-shaft B, and by which the disk is made to revolve.

I then provide a platform, C, made of tin, or other suitable material. This platform is allowed to play loosely upon a hinge, D, fig. 3, in such a manner that

it may be moved freely in an upward and downward direction, and is secured to the base, or stand by this hinge, a lug, or fulcrum E, fig. 2, having been formed upon the under side of the platform, by forcing down a portion of the platform, by soldering on a piece, or any other convenient method, the fulcrum being in such a position as to come in contact with the periphery of the toothed disk, or wheel F.

The dancing toy, or figure is to be suspended above and near the platform, by means of an elastic wire or cord, or any suitable device.

The crank B, now being turned, causes the toothed wheel, or disk F to revolve, the teeth of which, acting upon the fulcrum E of the platform C, cause the latter to take on a perpendicular-oscillating or vibrating motion, whereby it comes in contact with the feet of the figure suspended above it, in such a manner as to give it the appearance of dancing.

The novelty of my invention consists in producing the dancing-motion of toys, by rotating a toothed wheel, or disk, or its equivalent, in connection with a vibrating platform, whether the parts are situated as herein described or not.

What I claim as my invention, and desire to secure by Letters Patent, is—

The within-named platform and disk, or their equivalents, so combined and so operating, by rotating the disk, as to give a vibrating motion to the platform, as and for the purpose herein described.

J. M. KEEP.

Witnesses:

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