

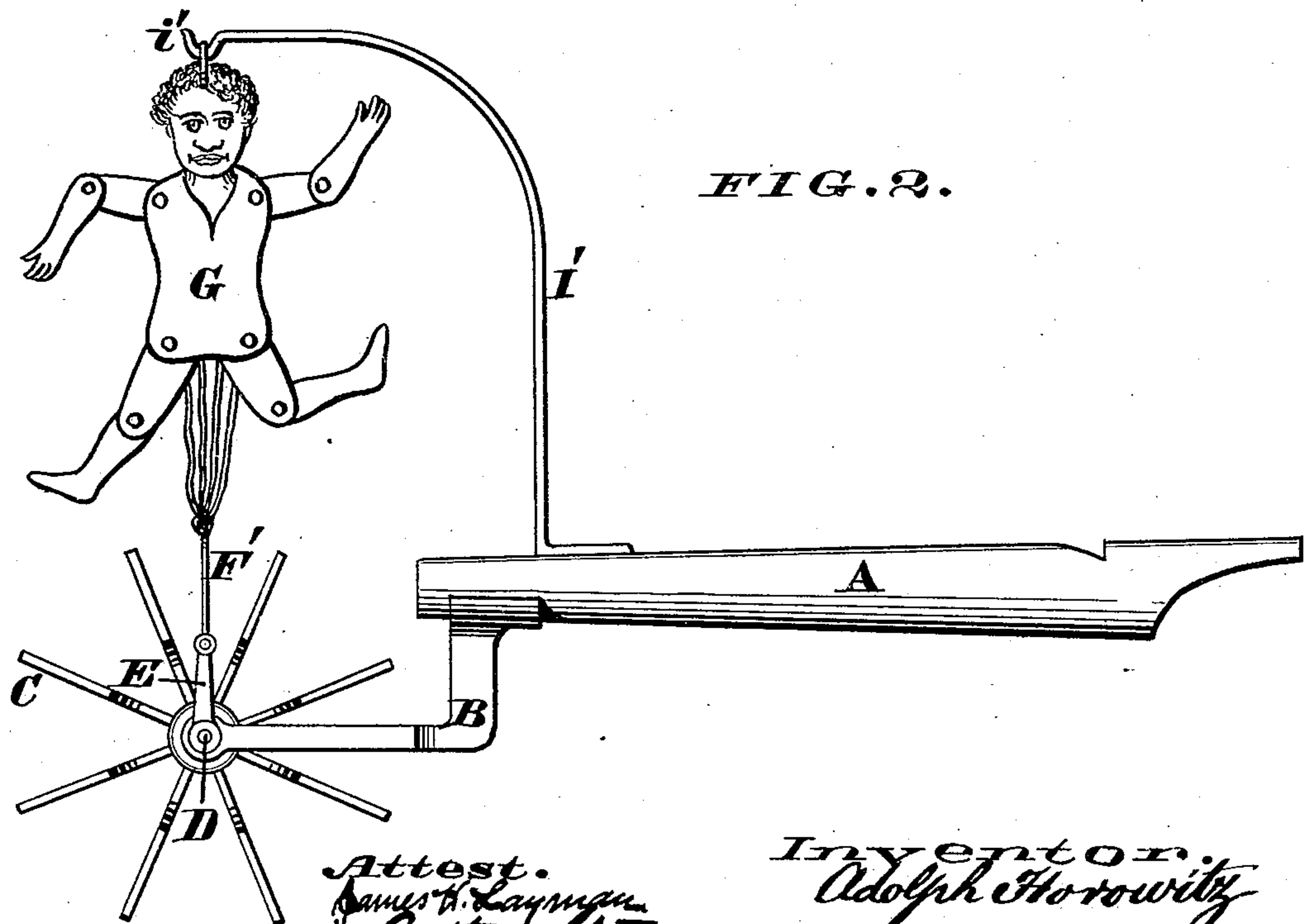
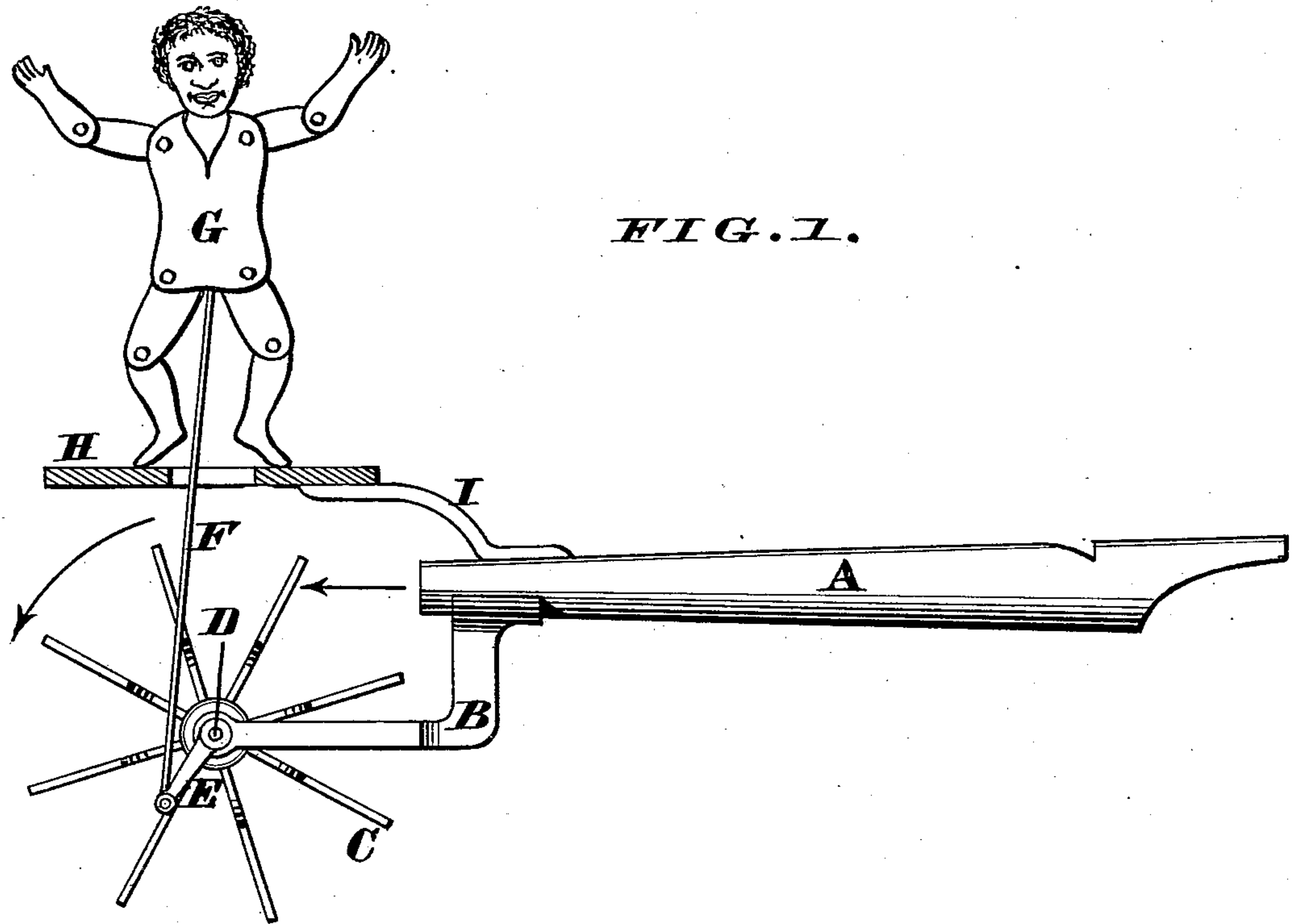
(No Model.)

A. HOROWITZ.

TOY.

No. 250,816.

Patented Dec. 13, 1881.



Attest.
James H. Layman
Arthur Stone

Inventor.
Adolph Horowitz

UNITED STATES PATENT OFFICE.

ADOLPH HOROWITZ, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO
MARCUS SIMONTON, OF SAME PLACE.

TOY.

SPECIFICATION forming part of Letters Patent No. 250,816, dated December 13, 1881.

Application filed April 1, 1880. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH HOROWITZ, of Cincinnati, Hamilton county, Ohio, have invented certain new and useful Improvements in Toys, of which the following is a specification.

My invention consists in attaching to the discharge end or ventage of a whistle or similar wind-instrument a bracket or frame, within which is journaled an external wheel whose buckets or vanes are adapted to be impinged on by the current of air issuing from the whistle, thereby rotating said wheel in its bearings. Furthermore, this wheel is provided with a crank and connecting-rod, which devices actuate a jointed figure or jumping-jack, as hereinafter more fully described.

In the annexed drawings, Figure 1 represents the preferred construction of my toy, and Fig. 2 shows a modification of the same.

A represents a whistle or other toy instrument adapted to be played by being blown in at the mouth, in the usual manner, said instrument having secured near its ventage a frame or bracket, B, that affords journal-bearings for a wheel, C, the buckets, blades, or vanes of which are so disposed as to be struck in the most effective manner by the current of air issuing from said ventage. The shaft D of this wheel has a crank, E, and connecting-rod F, the upper end of the latter being secured to the jointed figure or jumping-jack G, as seen in Fig. 1. This jointed figure is adapted to dance on a table, H, connected to the instrument with a support, I.

From this description it is evident that when the instrument is played the current of air discharged therefrom will impinge against the blades of wheel C and cause the latter to revolve quite rapidly, as indicated by the curved arrow in Fig. 1. This motion is by means of

the crank E and rod F transmitted to the figure or image G, thereby causing said jumping-jack to dance on the table H in the most amusing manner, while at the same time it appears to keep step with the music. Practically the same results are effected by the construction seen in Fig. 2, although the table H is omitted and the jack is suspended from a hook, i', at the upper end of a bent rod or other support, I'. Furthermore, in this modification the short connecting-rod F' has attached to it a number of cords or thongs that operate the jointed figure. As the wheel C is in both cases external with reference to the instrument to which it is applied, it is apparent said wheel may be of any size capable of producing the best results.

It is also apparent that the bracket B and support I or I' may be readily applied to any ordinary form of whistle or other similar wind-instrument, thus rendering it unnecessary to construct a special kind of instrument to admit the wheel C.

I am aware it is not new to fit wheels within peculiar-shaped trumpets or whistles, and arrange such wheels to propel various forms of toys, as such a construction is seen in Patents No. 94,155 and No. 186,595; but I know of no instance where an external wheel has been applied to an ordinary whistle, as herein described, and consequently my invention is limited to this special application of the wheel.

I claim as my invention—

The combination, in a toy, of wheel C, attached externally to the ventage of whistle A by bracket B, and provided with a crank, E, and connecting-rod F, wherewith is operated the jointed figure G, as herein described.

ADOLPH HOROWITZ.

Witnesses:

HARRY R. SMITH,
E. C. BUSH.