

No. 692,604.

Patented Feb. 4, 1902.

E. J. BOURKE.

MOVING MODEL FOR ADVERTISING PURPOSES.

(Application filed June 22, 1901.)

(No Model.)

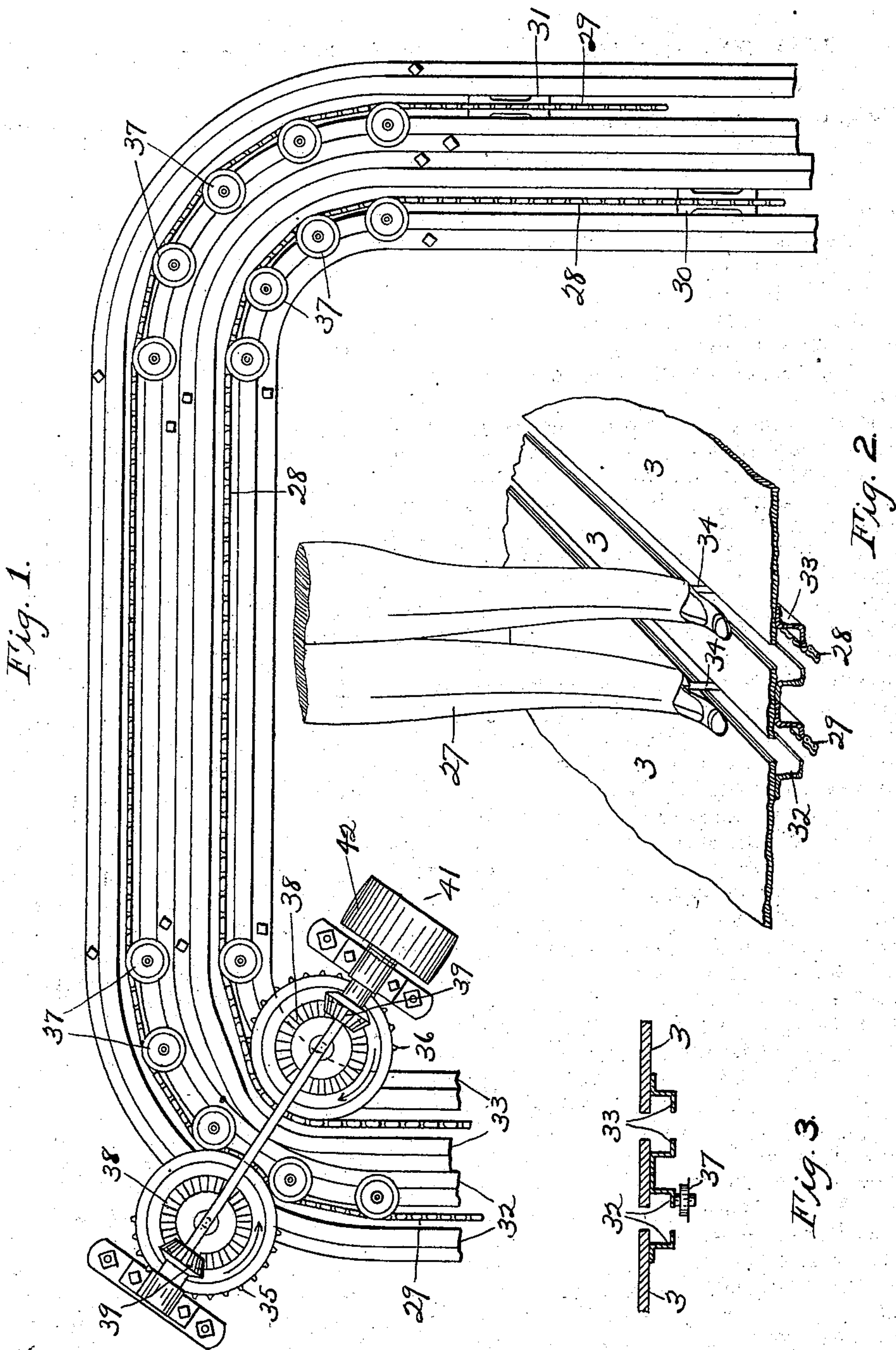


Fig. 1.

Fig. 2.

Fig. 3.

Witnesses,

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# UNITED STATES PATENT OFFICE,

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TO TIMOTHY COTTER AND JOHN McDONNELL, OF KANSAS CITY, MISSOURI.

## MOVING MODEL FOR ADVERTISING PURPOSES.

SPECIFICATION forming part of Letters Patent No. 692,604, dated February 4, 1902.

Application filed June 22, 1901. Serial No. 65,567. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD J. BOURKE, a citizen of the United States, and a resident of Kansas City, in the county of Jackson and State of Missouri, have invented new and useful Improvements in Moving Models for Advertising Purposes, of which the following is a specification.

My invention relates to improvements in moving models used for advertising purposes; and the object of my invention is to provide mechanism for causing a dummy figure to move around an endless path and for moving the legs of said figure in imitation of walking. Referring to the accompanying drawings, Figure 1 is a bottom plan view of the mechanism for propelling and operating the dummy figure, the tracks being broken off. Fig. 2 is a perspective view of the legs of the figure, the floor and the angle-rails being broken away. Fig. 3 is a transverse section of the two tracks for the supporting-carriages.

3 designates the floor or the bottom of a show-window. Two parallel slots are cut in said floor or bottom, as shown in Fig. 2. Secured to the lower side of the floor or bottom are two parallel tracks 32 and 33, each track being composed of two angle-irons having their lower flanges directed toward each other, as shown. Said tracks are directly beneath the aforesaid slots, respectively. Rollers 37, having under flanges, as shown in Fig. 3, are mounted on spindles screwed into the lower flanges of the rails 32 33. Said rollers support two chains 28 and 29, which are shown broken off in Fig. 1, but which in practice will be endless, as will the slots in the floor 3.

Rigidly secured to the chains 28 29, respectively, are two carriages 31 and 31, which travel on tracks 32 and 33, respectively. Extending upwardly from each of said carriages is a rod 34, and said rods are secured to the feet or legs of a dummy figure 27. The legs of this figure are connected pivotally to each other or to a trunk (not shown) at the hips, so that they may be moved relatively to each other, as in walking.

The chains 28 and 29 are advanced intermittently and alternately by the mechanism shown in Fig. 1, in which 35 and 36 designate mutilated sprocket-wheels, the teeth of which engage the chains 28 and 29, respec-

tively. Chain 28 is held against sprocket 35 by small rollers 37, having chain-supporting flanges on their lower faces, but no flanges above. Chain 29 is held against the other sprocket 36 by its own tension. Said sprockets are shown as applied to the curved portions of the chains; but they may of course be located at any part of the track desired. The sprockets 35 and 36 are rotated continuously through bevel-gears 38, secured thereto, and bevel-pinions 39, keyed on a shaft 41, on which is a belt-pulley 42. Said sprockets are so adjusted on their shafts that when either of them releases its chain the other one engages its own chain, and thus the chains move alternately, and the model 27 moves substantially as in walking.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. An advertising apparatus comprising a dummy figure, a pair of traveling carriages supporting the feet of said figure, two endless tracks for said carriages, respectively, each track consisting of a pair of angle-bars separated to form a slot therebetween, two endless chains below and parallel to said tracks, respectively, flanged wheels or rollers supporting said chains, a connection between each chain and the adjacent carriage, two segmental sprocket-gears for moving said chains respectively intermittently and alternately, in the same direction, and means for rotating said sprocket-gears continuously; substantially as described.

2. In advertising apparatus, the combination of a dummy figure having legs pivotally connected to the trunk, two carriages supporting the respective feet of said figure, two endless tracks on which said carriages run, two endless chains connected to said carriages, two segmental sprocket-gears for moving said respective chains intermittently and alternately, in the same direction, and means for driving said sprocket-gears continuously, substantially as described.

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

EDWARD J. BOURKE.

Witnesses:

M. L. LANGE,

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