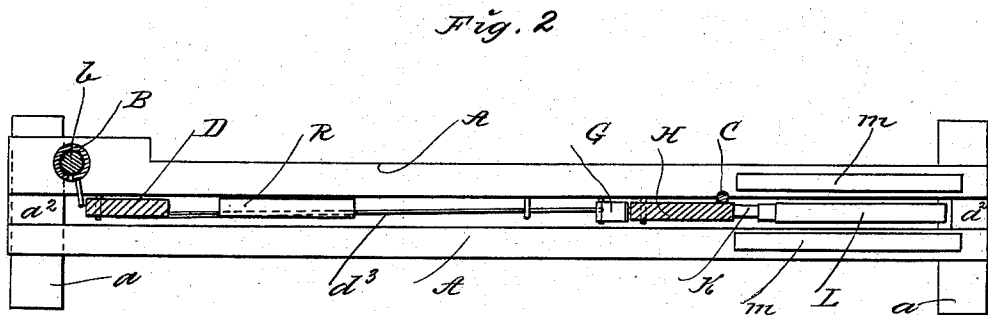
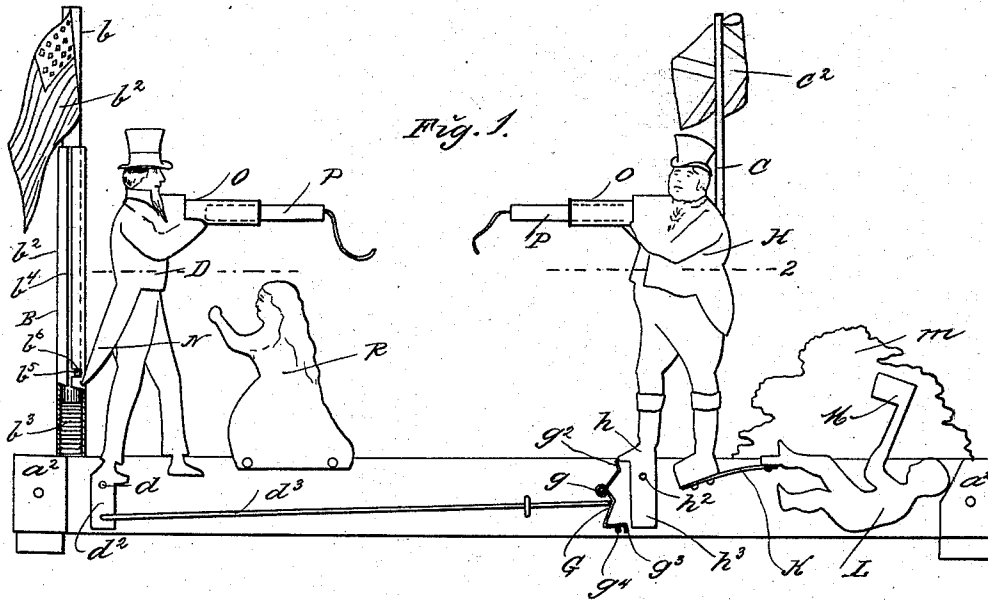


(No Model.)

E. ROWE.
MECHANICAL TOY.

No. 565,570.

Patented Aug. 11, 1896.



WITNESS:

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MECHANICAL TOY.

SPECIFICATION forming part of Letters Patent No. 565,570, dated August 11, 1896.

Application filed April 10, 1896. Serial No. 586,926. (No model.)

To all whom it may concern:

Be it known that I, EDWARD ROWE, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Mechanical Toys, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to mechanical toys; and the object thereof is to provide an improved device of this class which is simple in construction and operation and which is designed to amuse and entertain children and others.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side view of my improved toy with a part of the base thereof removed, and Fig. 2 a section on the line 2 2.

In the practice of my invention I provide a toy which comprises two base plates or bars A, and which are arranged side by side and united by cross-pieces a , which are secured at each end to the under side thereof, and between said cross plates or bars A is a space a^2 , and one of the side plates or bars A is provided at one end with a tubular shaft B, in which is mounted a vertically-movable flagstaff b , at the upper end of which is an American flag, as shown at b^2 .

The flagstaff b is supported in the tubular shaft B by a spring b^3 , and said tubular shaft is provided with a vertical slot b^4 , in which moves a pin b^5 , which is secured to the flagstaff and which is adapted to enter a notch or recess b^6 , formed in the shaft B, at one side of said slot or groove, and near the opposite end of the plate or bar A, with which the tubular shaft B is connected, is another flagstaff C, at the upper end of which is an English flag, as shown at C^2 .

At the end of the base, adjacent to the flagstaff B, is a figure D of a man; the feet thereof being placed between the base plates or bars A, one of which is pivotally supported therein, as shown at d , and provided with a depending extension d^2 , to which is pivotally secured a rod d^3 , which extends horizontally

through or part way through the space a^2 , and which abuts against a curved spring G, which is pivotally supported at g , and the upper end of which projects upwardly and is provided with an arm g^2 , and the lower end of which extends downwardly and backwardly and is provided with a hook g^3 , which is adapted to engage with a pin g^4 , which is arranged transversely of the space a^2 .

Adjacent to the flagstaff C is another figure of a man, which is designated by the reference-letter H, and the feet of which are placed between the plates or bars A, one of which, as shown at h , is pivotally supported at h^2 , and provided with a depending extension h^3 , and the arm g , and the spring G is adapted to abut against the toe of the foot h of the figure H, and secured to the other foot of said figure is a spring K, to which is secured a figure L, which also represents a man, and which in the normal position of the parts or in the position shown in Fig. 1 is held in the space between the plates or bars A, and said figure L is provided with an ax M, and said figure and said ax are connected by side boards m , the sides of which are irregular in form and designed in practice to represent bushes.

The figure D is provided with a coat, which is provided with a tail N, which projects downwardly and backwardly and which is adapted to operate the pin or projection b^5 , and each of said figures D and H is provided with a tubular arm O, which is held thereby and into which fire-crackers P are adapted to be inserted.

Placed in front of the figure D is a figure R, which is designed to represent a woman in a kneeling position and which is represented as supplicating or pleading with the figure D, the idea being that said figure is imploring protection from the figure D, and the operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

In practice an ordinary fire-cracker is placed in each of the projecting arms O of the figures D and H and the fuse thereof ignited.

When the explosion occurs, the figure D will be forced backwardly by the force of the explosion, and the tail N of the coat with

which said figure is provided will strike the pin or projection b^5 on the staff h , driving said pin backwardly into the vertical slot b^4 , and the spring b^3 will raise the flagstaff h and the flag connected therewith at the same time, and the movement of the figure D will force the rod d^3 in the direction of the spring G, and the hook g^3 thereof will strike the extension h^3 and the foot h of the figure H, and said figure will be forced or fall forwardly and at the same time the figure L will be thrown upwardly by the spring K and will strike said figure H in the back with the ax M.

When the hook g^3 of the spring G is forced backwardly, the upwardly-directed arm h will be forced in the direction of the figure R, and the connection thereof with the foot h of the figure H is broken, whereby said figure is allowed to fall forwardly, and it will be understood that the figures may be returned to their normal positions, as shown in Fig. 1, and the above-described operation may be repeated as often as desired.

It will be understood that the figures D and H may represent any desired subjects, and the flags b^2 and C^2 may represent the flags of any nations, and it is evident that changes in and modifications of the various parts of my improved toy may be made without departing from the spirit of my invention or sacrificing its advantages, and I reserve the right to make all such alterations therein and modifications thereof as fairly come within the scope of the invention.

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

1. In a mechanical toy, the combination with a suitable base, of two pivotally-supported figures, said figures being normally held in an upright position, and being each provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures being adapted to be forced backwardly at the explosion of the cracker which it supports and the other being adapted to be thrown forwardly at the same time, substantially as shown and described.

2. In a mechanical toy, the combination with a suitable base, of two pivotally-supported figures, said figures being normally held in an upright position, and being each provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures being adapted to be forced backwardly at the explosion of the cracker which it supports and the other being adapted to be thrown forwardly at the same time, said base being also provided adjacent to the figure which is adapted to be thrown backwardly with a tubular standard in which is mounted a spring-operated flagstaff which is normally held in a depressed position and which is adapted to be released and thrown upwardly by said figure, substantially as shown and described.

3. In a mechanical toy, the combination with a suitable base, of two pivotally-support-

ed figures, said figures being normally held in an upright position, and being each provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures being adapted to be forced backwardly at the explosion of the cracker which it supports and the other being adapted to be thrown forwardly at the same time, said base being also provided adjacent to the figure which is adapted to be thrown backwardly with a tubular standard in which is mounted a spring-operated flagstaff which is normally held in a depressed position and which is adapted to be released and thrown upwardly by said figure, and an additional figure which represents a man holding an ax, and which is secured to the foot of the figure which is adapted to be forced forwardly by means of a spring, substantially as shown and described.

4. In a mechanical toy, the combination with a suitable base, two pivotally-supported figures, said figures being normally held in an upright position and being each provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures being adapted to be forced backwardly at the explosion of the cracker which it supports, and the other being adapted to be thrown forwardly at the same time, said base being also provided adjacent to the figure which is adapted to be thrown backwardly with a tubular standard in which is mounted a spring-operated flagstaff which is normally held in a depressed position and which is adapted to be released by said figure and thrown upward by said spring, an additional figure which represents a man holding an ax, and which is secured to the foot of the figure which is adapted to be forced forwardly by means of a spring, and an additional flagstaff provided with a flag adjacent to the figure to the foot of which the figure with the ax is secured, substantially as shown and described.

5. In a mechanical toy, the combination with a suitable base, of two pivotally-supported figures, said figures being normally held in an upright position, and each being provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures being adapted to be forced backwardly at the explosion of the cracker which it supports, and the other being adapted to be thrown forwardly at the same time, said base being also provided adjacent to the figure which is adapted to be thrown backwardly with a tubular standard in which is mounted a spring-operated flagstaff which is normally held in a depressed position and which is adapted to be released by said figure and thrown upward by said spring, and an additional figure which represents a man holding an ax, and which is secured to the foot of the figure which is adapted to be forced forwardly by means of a spring, and an additional flagstaff provided with a flag adjacent to the figure to the foot of which the figure with the ax is secured, and devices for connecting the figures which

are held in an upright position whereby both of them are caused to move at the same time, substantially as shown and described.

6. In a mechanical toy, the combination
5 with a suitable base, of two pivotally-supported figures, said figures being normally held in an upright position, and being each provided with a tubular arm, said arms being adapted to receive fire-crackers, and one of said figures
10 being adapted to be forced backwardly at the explosion of the cracker which it supports and the other being adapted to be thrown forwardly at the same time, and said base being

provided with a figure which represents a woman in a kneeling position and which faces 15 the figure which is adapted to be forced backwardly, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 7th 20 day of April, 1896.

EDWARD ROWE.

Witnesses:

E. J. HOWARD,
O. B. TURRELL.