

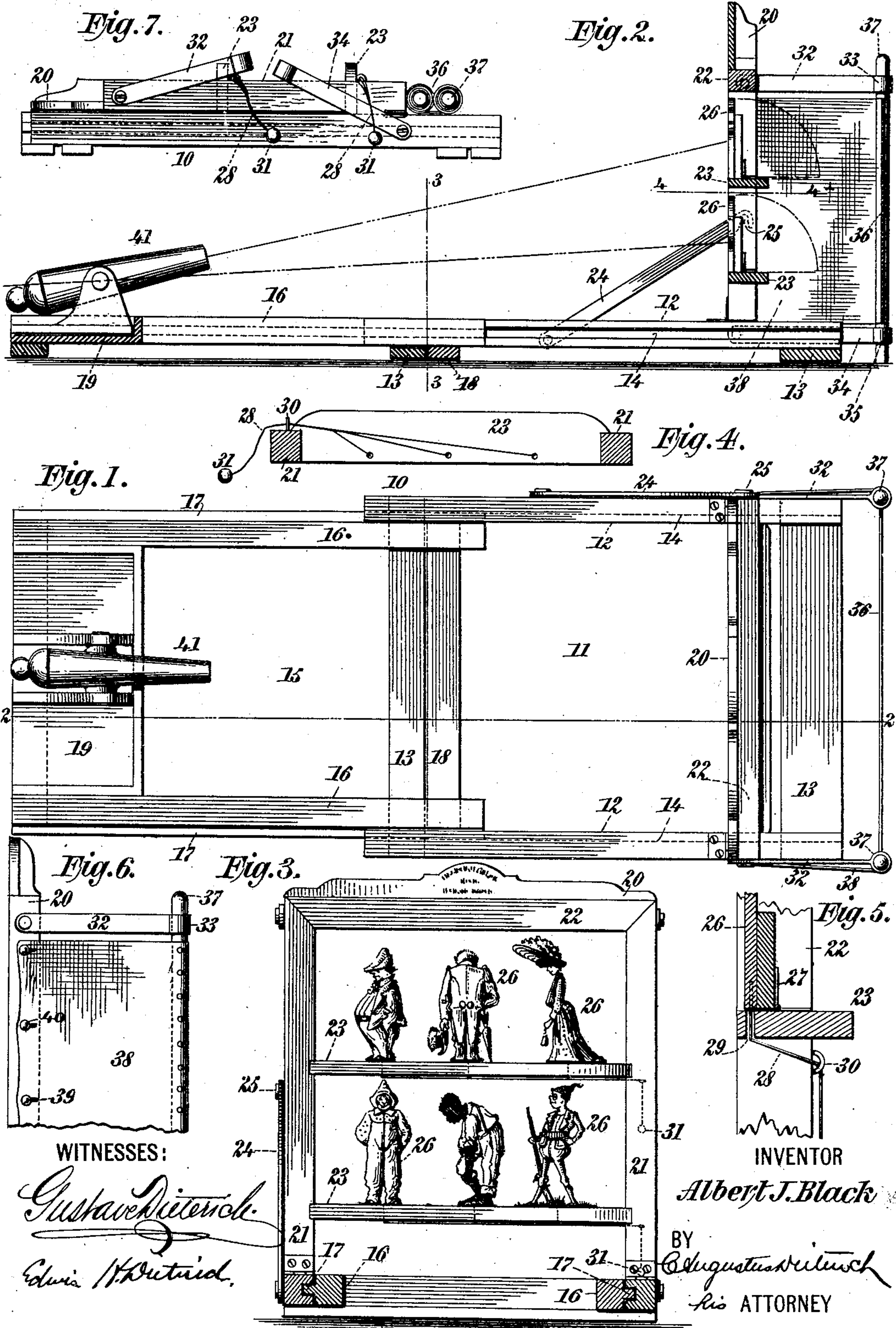
No. 771,604.

PATENTED OCT. 4, 1904.

A. J. BLACK.
GAME APPARATUS.

APPLICATION FILED SEPT. 26, 1903.

NO. MODEL.



UNITED STATES PATENT OFFICE.

ALBERT J. BLACK, OF NEW YORK, N. Y.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 771,604, dated October 4, 1904.

Application filed September 26, 1903. Serial No. 174,690. (No model.)

To all whom it may concern:

Be it known that I, ALBERT J. BLACK, a citizen of the United States, residing at the city of New York, borough of Manhattan, in the county and State of New York, have invented certain new and useful Improvements in Game Apparatus, of which the following is a full, clear, and exact specification.

My invention relates to improvements in mechanical toys, and comprises, essentially, a support, a plurality of figures or other objects arranged thereon, and a device for throwing projectiles against said figures or objects.

Further, said invention has for its object to provide an apparatus which may be folded within small compass for shipment or when not in use and which may be readily adjusted for use and when so adjusted prevent the projectiles doing injury beyond the limits of the apparatus.

To these ends my invention consists in the novel details of construction and in the combination, connection, and arrangement of parts hereinafter described and then pointed out in the claims.

In the accompanying drawings, forming part of this specification, wherein like numerals of reference indicate like parts, Figure 1 is a plan view illustrating a game apparatus constructed according to and embodying my invention. Fig. 2 is a longitudinal section of the same, taken on the line 2 2 of Fig. 1. Fig. 3 is a transverse section taken on the line 3 3 of Fig. 2, showing the vertical supporting member in front elevation. Fig. 4 is a detail section taken on the line 4 4 of Fig. 2 looking in the direction of the arrow. Fig. 5 is an enlarged detail sectional view showing the method of securing the figures or objects in position. Fig. 6 is an enlarged detail side view showing the manner of securing the screen to the frame, and Fig. 7 is a side view showing the entire apparatus folded together.

In said drawings, 10 denotes a base comprising a rectangular base-frame 11 and an extensible member 15, said base-frame 11 being composed of the longitudinal members 12, secured together by transverse members 13, and the inner opposing sides of said longitudinal members 12 provided with longitudinal

grooves 14. Within the base-frame 11 is arranged an extensible frame 15, consisting of the longitudinal members 16, provided upon their outer surfaces with tongues 17, adapted to work in the grooves 14 of the base-frame 11. The longitudinal members 16 are secured together at their inner ends within the base-frame 11 by a transverse member 18 and at their outer ends by a platform 19.

Adjacent to one end of the base-frame 11 and hinged to the upper sides of the members 12 at its lower edge is a vertical supporting-frame 20, composed of uprights 21, united at their upper ends by a top 22, and intermediate said top 22 and the lower hinged ends of the uprights 21 are arranged horizontal platforms 23, the said supporting-frame 20 being maintained and secured to its vertical position by means of a brace 24, which is pivotally secured at its lower end to the side of the base-frame 11 and its free end provided with a hook adapted to engage a pin or stud 25, arranged upon the side of the vertical supporting-frame 20.

26 denotes figures or objects which are disposed upon the platforms 23 of the support 20 and secured thereto by means of hinges 27 or other suitable means secured to the lower rear surfaces of said figures and the platforms 23, and 28 denotes string-sections secured to the under sides of the figures or objects 26 adjacent to their front edges, which are thence passed through apertures 29 (see Fig. 5) in the platforms 23 and their ends then brought together and passed through an eye 30 in the rear side of the upright 21 of the frame 20 and provided with a button 31 whereby to operate or reset said figures 26.

Upon the sides of the supporting-frame 20 near its upper edge are pivotally secured the ends of rearwardly-extending arms 32, provided at their outer or free ends with eyes 33, and upon the sides of the base 11 directly below the support 20 are pivotally secured the ends of similar arms 34, provided with eyes 35, and 36 denotes a screen or stop arranged to the rear of the supporting-frame 20, consisting of a piece of fabric or other suitable material secured near its vertical edges to rods 37, the upper and lower ends

of which are respectively adapted to be held and supported in the eyes 33 and 35 of the arms 32 and 34, the projecting ends of the screen 36 forming wing-sections 38, which are
 5 provided with suitable slits or holes 39, adapted to be engaged by buttons or studs 40, provided upon the sides of the support 20.

41 denotes a toy cannon adapted to be supported upon the platform 19, by means of
 10 which projectiles in the form of marbles or rubber balls may be projected against the figures 26 to upset the same, and when all or part of said figures have been upset the same may be reset by simply pulling the buttons 31
 15 on the ends of the string-sections.

It will be readily apparent that a feature of the apparatus is the provision of the screen for arresting the flight of the projectile after it has knocked down a figure, and, further,
 20 that by constructing the apparatus as herein shown and described the same may when not in use be folded together within a very small compass.

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

1. A game apparatus comprising a base-frame, a slidable member arranged to work within said base-frame, a vertical support arranged upon said base-frame, figures upon said
 30 vertical support, means for operating said figures, a screen disposed behind said vertical support, and supporting devices pivotally secured at their forward ends to said base-frame
 35 and their outer or rear ends adapted to engage said screen to hold the same to its adjusted position, substantially as specified.

2. A folding game apparatus comprising a base-frame, a slidable member arranged to
 40 work within said rigid member, a platform arranged at the outer side of said slidable member, a folding vertical support hinged to said

rigid base member, means for securing said vertical support to its adjusted position, plat-
 forms arranged in said vertical support, fig- 45
 ures hinged upon said platforms, means for operating said figures, arms secured to the sides of the vertical support and the rigid base member and extending rearwardly therefrom, and a screen mounted upon rods adapted to be
 50 held in said arms, substantially as specified.

3. A folding game apparatus comprising a base-frame, an extensible member adapted to work within said base-frame, a platform at the outer end of said extensible member, a ver- 55
 tical supporting-frame hinged at its lower edge to said base-frame, a brace pivotally secured to said base-frame adapted to engage a device on said vertical supporting-frame to maintain said frame in position thereon, hori- 60
 zontal platforms arranged in said vertical supporting-frame, figures hinged at their bases to said platforms, means for operating said figures, arms provided at their outer or free
 65 ends with eyes, and pivotally secured at their inner ends to the sides of the supporting-frame adjacent to its top, and the sides of the rigid base member, adjacent to the base of said supporting-frame, a screen comprising a main
 70 section and wing-sections, vertical rods secured to said screen at the junction of the main and wing sections, adapted to be supported by the arms aforesaid, and means provided along the edges of the wing-sections and the edges of the supporting-frame for securing 75
 the edges of said screen thereto, substantially as specified.

Signed at the city of New York, in the county and State of New York, this 23d day of September, 1903.

ALBERT J. BLACK.

Witnesses:

HARRIETT A. BISCHOFF,
 LEON A. CARLEY.