

No. 876,324.

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J. BRUCKER.
GAME APPARATUS.
APPLICATION FILED AUG. 22, 1907.

Fig. 1.

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Fig. 2.

Fig. 3.

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Fig. 4. Fig. 5.

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WITNESSES:

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JOSEPH BRUCKER, OF NEW YORK, N. Y.

GAME APPARATUS.

No. 876,324.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPH BRUCKER, 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 toys, and the same has for its object, more particularly, to provide a simple, inexpensive and novel form of dart or arrow, and means for projecting the same.

Further my invention consists in the novel details of construction, and in the combination, connection and arrangement of parts hereinafter more fully 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 side view showing the apparatus in the hands of the user with the arrow about ready to be projected; Fig. 2 is a side view of the projecting device; Fig. 3 is a face view of the arrow; Fig. 4 is an enlarged detail side view showing a portion of the arrow shaft, and the means for attaching the arrow to the projecting device, and Fig. 5 is a face view of the parts seen in side view at Fig. 4.

In said drawings I have shown a complete apparatus comprising a projecting device consisting of a rod 11 made of reed, or any other suitable resilient material, and a flexible member or cord 12 secured at one end to said rod 10, and provided at its other end with a block 13 which is fastened at its middle to the end of said flexible member or cord 12.

14 designates an arrow or dart which may be made of wood or other material and comprises a shaft 15 provided at one end with an enlarged portion or head 16, tapering in opposite directions, and at its other end said shaft is provided with a flattened portion or feather 17 which may be made independently thereof and secured thereto, or made as an integral part of said shaft. 18 denotes a recess or notch provided in the side of the shaft 15 which is arranged transversely thereof at about the point of balance of the arrow.

The operation of the apparatus is as follows: In order to project the arrow 14 the

end of the rod 11 is grasped firmly in one hand, and the arrow held in the other intermediate the thumb and forefinger. The end of the flexible member or cord 12 of the projecting device is then adjusted in the notch 18 in the shaft 15 of the arrow, with the block 13 resting lengthwise against the underside of said shaft 15, and the end of the flexible member or cord 13 held in position in the notch 18 by the thumb of the hand holding said arrow. The rod 11 is then slightly flexed and the cord 12 thereby drawn taut whereupon the arrow is permitted to slip through the hand sufficiently to permit the user to grasp the tail 17 of the arrow. Hereupon the rod 11 is further flexed to the proper extent, and the hold of the arrow suddenly released thereby causing the same to be projected.

It will of course be obvious that the arrow can be made in a large variety of shapes and forms, and still embody the features hereinabove set forth, and that when the feather or tail portion of the arrow is made flat the same may be made of any desired outline or shape and colored or ornamented as desired.

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

1. A game apparatus comprising a projecting device consisting of a resilient rod, a flexible section secured at one end to said rod, a block secured to said flexible section at its other end, and a shaft having means arranged thereon intermediate its ends adapted to receive the free end of said flexible section to hold said block against said shaft and said shaft attached to said flexible section when said resilient rod is flexed, substantially as specified.

2. A game apparatus comprising a projecting device consisting of a resilient rod, a cord secured thereto at one end, a block secured to said cord at its other end, and an arrow having a transverse recess therein intermediate its head and feather adapted to receive the free end of said cord and hold said arrow attached to said cord under tension of said resilient rod, substantially as specified.

3. A game apparatus comprising a projecting device consisting of a resilient rod, a cord secured thereto at one end, a block secured to said cord at its other end, and an

arrow having an enlarged head at one end,
a flattened, tapered feather at its other end,
and a transverse recess arranged at about
the point of balance of said arrow adapted
5 to receive the free end of said cord and hold
said arrow attached thereto under tension
of said resilient rod, substantially as specified.

Signed at the city of New York, in the
county and State of New York, this seven-
teenth day of August, 1907.

JOSEPH BRUCKER.

Witnesses:

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