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J. F. MEYER

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AMUSEMENT MACHINE

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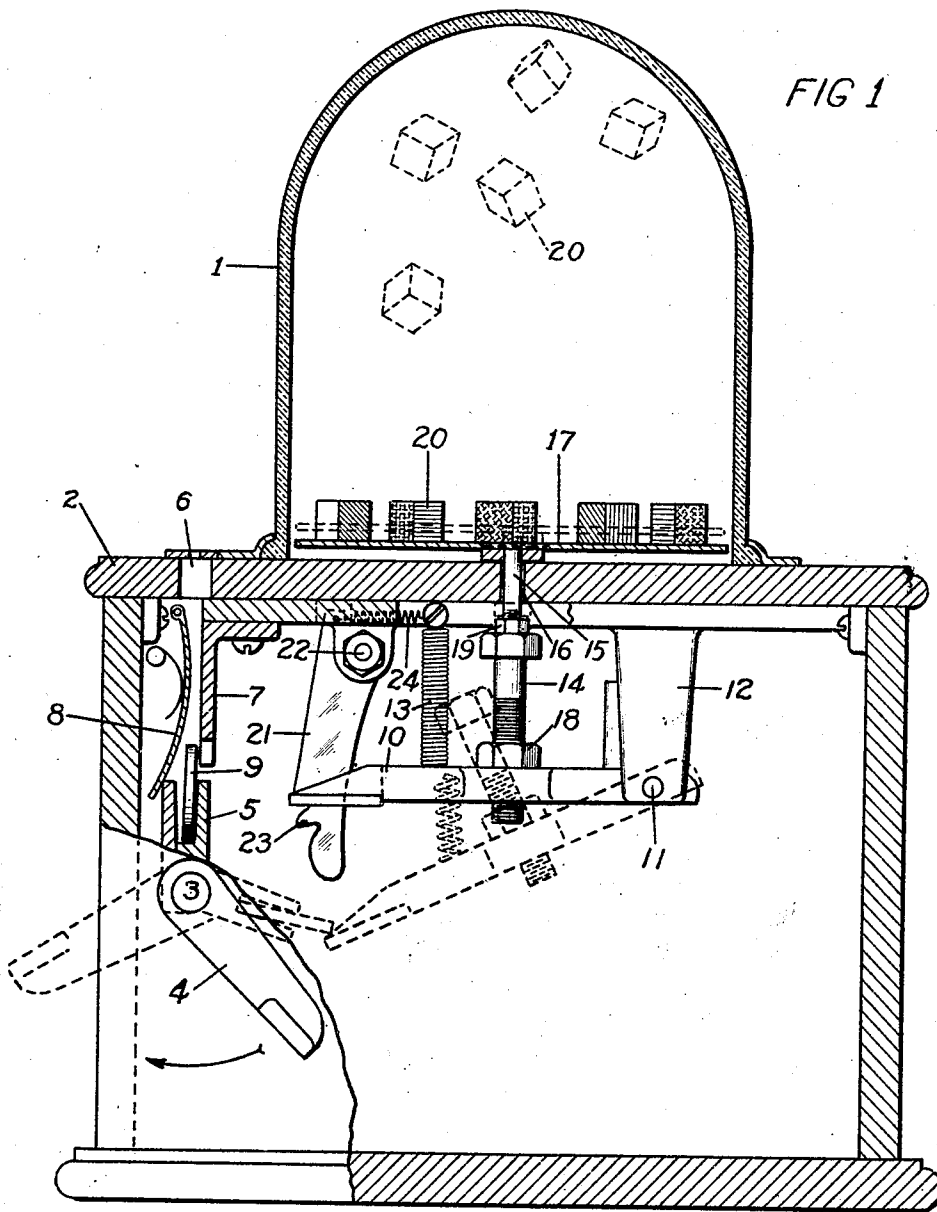


FIG 1



FIG 2

INVENTOR.
John F. Meyer
BY *Wm. O. Bell*
ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN F. MEYER, OF CHICAGO, ILLINOIS.

AMUSEMENT MACHINE.

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This invention relates to amusement machines and its object is to provide a machine of simple construction adapted to be operated with a coin or token to furnish amusement and entertainment.

The invention pertains to machines of this general class in which means are provided for agitating a set of small cubes within a glass case, the cubes having their sides differently colored, whereby color games may be played according to any prescribed rules. The object of the invention is to provide an improved machine of this type with means for locking the coin and the coin-carrying jaw against return movement before the coin has been carried downward to discharge position. I provide novel means for accomplishing this purpose as well as for assuring positive action and reliable results.

In the accompanying drawing, illustrating a selected embodiment of the invention,

Fig. 1 is a sectional elevation of the machine.

Fig. 2 shows two cubes in perspective.

Referring to the drawings, a glass case 1 is rigidly mounted upon a cabinet 2 in any suitable manner. A shaft 3 is supported in the cabinet and it carries an operating handle 4 outside the cabinet and a coin receiving jaw 5 within the cabinet. A slot 6 is provided in the top of the cabinet above the jaw. A bracket 7 and a spring pressed curved plate 8 supported within the cabinet form a guide for the passage of a coin 9 from the slot to the jaw.

A lever 10 is pivoted at one end 11 to a support 12 on the cabinet and it is held by a spring 13 with its free end in the path of a proper coin in the jaw 5. An adjustable post 14 on the lever is arranged to engage the stem 15 which projects downward through an opening 16 in the top of the cabinet from a table 17 which forms a movable bottom for the case. The post 14 may be a bolt having threaded engagement with the lever and provided with a lock nut 18. The stem is threaded to receive a nut 19 which engages the head of the post 14.

A plurality of cubes 20 are placed on the table in the case. Each cube has its sides differently colored and all cubes are correspondingly colored.

A pawl 21 is pivoted at 22 on the cabinet and is provided with one or more teeth 23.

The free end of the lever 10 is forked and the pawl 21 hangs within the fork and is held by a spring 24 in a forward position to be engaged by the coin 9 when the coin is caused to depress the lever, the teeth of the pawl serving to lock the coin and the jaw against return movement before the coin has been carried down to discharge position.

In practice a coin or token of proper size inserted in the slot 6 will fall into the jaw 5. The handle 4 is then operated to rock shaft 3 and swing jaw 5 to engage the coin with the free end of lever 10. Continued movement of the handle will cause the coin to depress the lever, stretching spring 13, until the coin slides off of the end of the lever, whereupon the released lever will fly up under the tension of the spring and cause the post 14 to strike the stem 15 a sudden and sharp blow. The table is thus thrust upward with a quick movement and the cubes are propelled to the top of the case, falling in different positions on the table. The nut 19 engaging the top of the cabinet limits the upward movement of the table. Games may be played by making rules involving combinations of colors. When the jaw is swung with a coin the plate 8 is pushed by its spring against the bracket to close the coin passage. After each operation the parts are restored to normal position, the handle being swung back to initial position and causing the jaw to push plate 8 away from bracket 7 to open the coin passage.

I have shown the invention in a simple form suitable for the purpose but I reserve the right to make all changes therein which may be desirable within the scope of the following claims.

I claim:

1. In a device of the character described, a cabinet, a movable table forming a bottom for the cabinet, a plurality of differently colored cubes loosely placed on the table, a lever for giving a sudden upward jolt to the table, a spring acting on the lever, a pawl having a tooth, a spring acting on the upper end of said pawl, an operating member having a coin-receiving jaw to hold a coin projected to contact with the free end of the said lever, the tooth on said pawl being arranged to be engaged by the coin in said coin-receiving jaw.

2. In a device of the character described, a cabinet, a movable table forming a bottom for

said cabinet, a plurality of cubes loosely placed on the table, a lever for giving a sudden upward jolt to the table, a spring acting on the lever, a pawl having a tooth, a spring acting on the upper end of said pawl, an operating member having a coin-receiving jaw to hold a coin projected to contact with the free end of the said lever, said springs disposed to act substantially at right angles to each other, the tooth on said pawl being arranged to be engaged by the coin in said coin-receiving jaw.

JOHN F. MEYER.