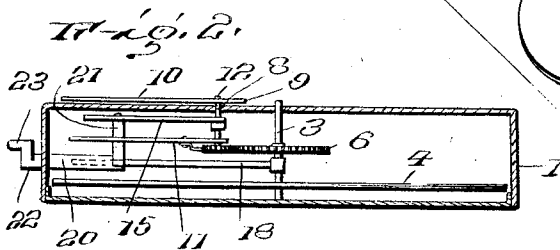
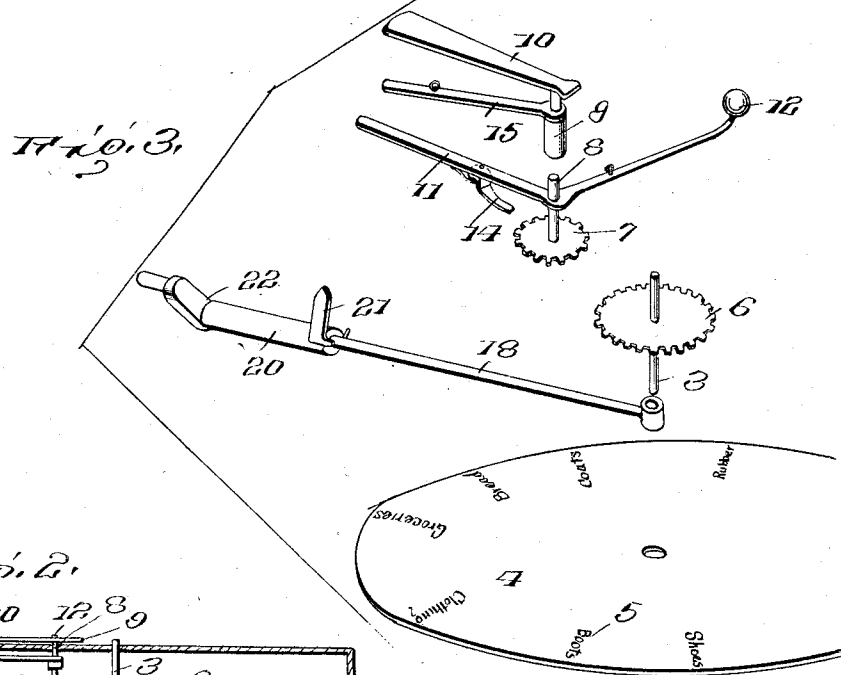
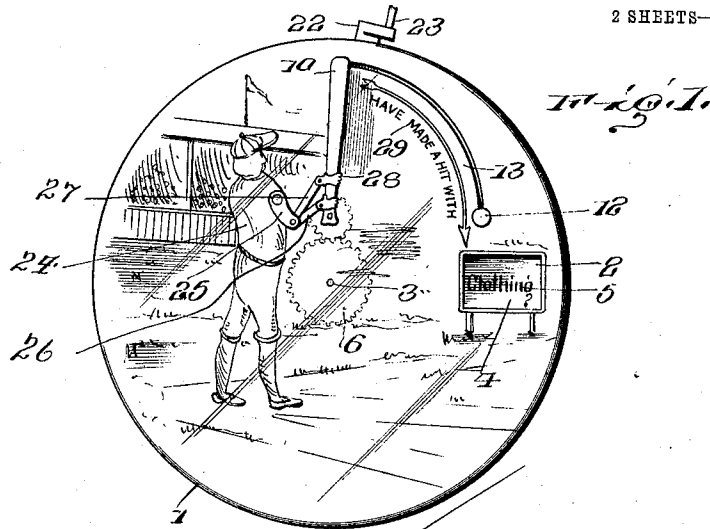


W. J. M. GLAVES.
ADVERTISING DEVICE.
APPLICATION FILED DEC. 18, 1911.

1,049,699.

Patented Jan. 7, 1913.

2 SHEETS-SHEET 1.



Witnesses
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334

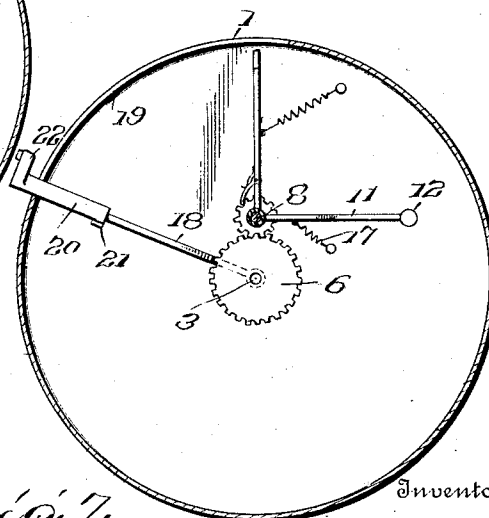
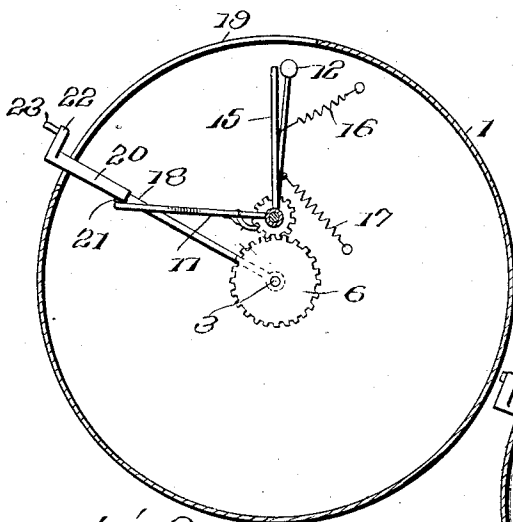
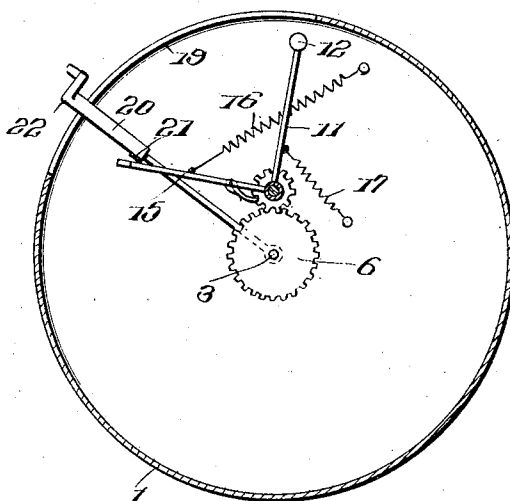
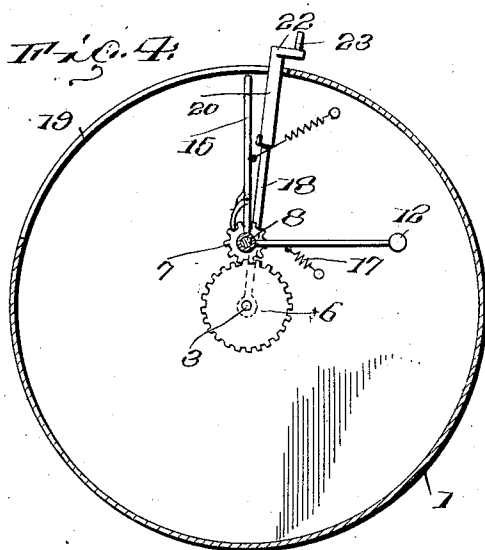
A. M. Lacey Attorney.

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2 SHEETS—SHEET 2.



Witnesses
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FIG. 7.

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UNITED STATES PATENT OFFICE.

WILSON J. M. GLAVES, OF BRIGHT, ONTARIO, CANADA.

ADVERTISING DEVICE.

1,049,699.

Specification of Letters Patent.

Patented Jan. 7, 1913.

Application filed December 18, 1911. Serial No. 666,597.

To all whom it may concern:

Be it known that I, WILSON J. M. GLAVES, subject of the King of Great Britain, residing at Bright, Province of Ontario, Canada, have invented certain new and useful Improvements in Advertising Devices, of which the following is a specification.

This invention has relation to advertising devices, and has for its object to provide in such a device movable parts so arranged as to attract attention and thereby incite the interest of observers. In the present instance the attractive feature represents a baseball player and portrays the act of striking or knocking the ball toward a sign bearing the name of the goods advertised, but it is to be understood that the same mechanism may be employed for portraying the plays or movements in any other game, as for instance football, cricket, golf, croquet, billiards or pool.

With the above stated objects in view the device includes a casing having a display opening. A disk is arranged to rotate in the casing and is provided upon its face with the names of articles or goods which are to be advertised and which are so positioned that they make their appearance through the said display opening. The figure of a player is represented upon the exposed face of the casing, and the limbs of the player are connected with the body portion thereof by means of pivoted or jointed sections, and the sections representing the limbs are connected with the representation of the ball impelling member of the device. Means are provided for moving the representation of the ball toward the representation of the ball impelling member and at the same time moving said member away from the representation of the ball. These means are releasable, whereby the representation of the ball impelling member is caused to move quickly toward the representation of the ball and strike the same, at which time the ball is released and is moved swiftly toward the display opening in the casing. The disk carrying the names of the goods or articles is operatively connected with the said representation of the ball impelling member, but the parts are so arranged that when the representation of the ball comes to a state of rest adjacent the display opening the said disk also comes to a state of rest, whereby the name of the article or goods may be viewed through the said opening. The movement

of the representation of the ball toward the opening will attract the attention of observers and thus the goods mentioned are advertised.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings, in which:—

Figure 1 is a side elevation of the advertising device; Fig. 2 is a sectional view of the same; Fig. 3 is a detail perspective view of several parts of the same; Fig. 4 is an elevation of the same with part of the casing removed, showing the parts in one position; Figs. 5, 6 and 7 are similar views, showing the parts in other positions.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The advertising device consists of a casing 1 having in its exposed side and in the vicinity of one edge thereof a display opening 2. An arbor 3 is journaled at the center of the casing 1, and a disk 4 is fixed to the said arbor and is provided upon its face with the names of goods or articles, indicated at 5, which names are adapted to be moved under and brought into register with the sight opening 2.

A gear wheel 6 is fixed to the arbor 3 and meshes with a gear wheel 7 which is loosely carried at the end of a stub shaft 8. The shaft 8 is journaled in a bearing 9 which in turn is journaled in the side of the casing 1 and carries at its outer end a bat 10 or any other member.

An arm 11 is loosely mounted upon the stub shaft 8 and is provided with angularly disposed end portions. Upon one end of the arm 11 a ball 12 is mounted, the said ball being located beyond the outer side of the casing 1 and the portion of the arm 11 which supports the said ball projects through a slot 13 provided in the side of the said casing 1. One end of this slot 13 terminates in the vicinity of the sight opening 2 and from this point the slot extends away from the said sight opening. The arm 11

carries a spring pressed pawl 14 which engages the teeth of the wheel 7 so that when the arm 11 is swung in one direction the wheel 7 is rotated, but when the said arm 5 moves in the opposite direction the pawl 14 rides over the teeth of the wheel 7 and the said wheel together with the parts operatively connected with the same remains at rest.

10 An arm 15 is fixed at its inner end to the bearing 9 and normally lies over one end portion of the arm 11. The arm 15 is shorter than that end portion of the arm 11 over which it normally lies, the object of 15 which will be explained hereinafter.

An elastic return member 17 is connected at one end with that portion of the arm 11 which carries the ball 12 and the other end of the said return member 16 is connected 20 with the side of the casing in the vicinity of the sight opening 2 therein. One end of an elastic return member 18 is connected with the outer end portion of the arm 15 and the other end of the said member 18 is 25 connected with the side of the casing 1 at a point approximately at a right angle to the radius of the casing that passes longitudinally through the sight opening 2, or in the vicinity of the end of the slot 13 which is 30 remote from the said sight opening 2. An arm 18 is pivoted at its inner end upon the arbor 3 and its outer portion passes through a slot 19 provided in the side edge of the casing 1. A sleeve 20 is mounted upon the 35 outer portion of the arm 18 and may make a partial rotation thereon. The sleeve 20 is provided at its inner end with a finger 21 which is adapted to be turned so that it will strike the arms 11 and 15 and move the 40 same in a manner as will be hereinafter explained. A head 22 is mounted upon the outer portion of the sleeve 20 and is provided with an eccentrically positioned pin 23 which may be used for the purpose of 45 partially rotating the head 22 and the sleeve 20.

On the exposed side of the casing 1 the figure of a player, indicated at 24, is printed or otherwise represented. Sections 25 and 50 26, representing the upper and lower arm are pivotally connected together and the upper arm section is pivotally connected with the said representation of the figure at about its normal position in the human 55 anatomy. A forearm section 27 is pivotally connected with the arm section 26 at the point of pivotal connection between the said sections 25 and 26. The sections 26 are pivotally connected with hand sections 28 which 60 in turn are attached to the inner portion of the bat 10.

Any suitable legends may be painted or otherwise placed upon the exposed face of the casing 1, as for instance the legend indicated at 29, to wit, "Have made a hit

with." This legend preferably terminates in the vicinity of the display opening 2 through which the name of the goods will appear when the device is operated. The name of a firm or concern may be placed 70 upon the representation of the player.

Any suitable operating device may be connected with the pin 23 for turning the head 22 and the sleeve 20, or if desired these parts may be manipulated by one grasping 75 the said pin 23.

To operate the device, the pin 23 is turned so that the sleeve 20 is partially rotated and the finger 21 is moved to a position transversely across the arms 11 and 15. The arm 80 18 is then swung along the slot 19 so that the finger 21 engages the arms 11 and 15 and moves the same against the tension of the return devices 16 and 17. Inasmuch as the finger 21 moves in an arc with the arbor 3 as a center and the arms 11 and 15 move about the stub shaft 8 as a center, and in view of the fact that the shaft 8 is eccentrically positioned with relation to the arbor 3, during the movement above mentioned 90 the finger 21 will first pass beyond the outer end of the arm 15 and shortly thereafter will pass beyond the outer end of the arm 11. When the arm 15 is released, the tension of the return member 16 comes into 95 play and the arm 15 is returned to its normal position. Inasmuch as the bat 10 moves positively with the arm 15 it is first moved from its normal position in a direction away from the lower end of the slot 13, the ball 100 moving along the slot 13 in the same direction. As soon as the arm to which the bat is connected is released the bat moves in a direction toward the ball and strikes the ball at that end of the slot 13 which is remote from the display opening 2 in the casing. At this instant the finger 21 passes 105 beyond the outer end of the arm 11 and the tension of the return member 17 comes into play and the ball is moved quickly along 110 the slot 13 toward the display opening 2 at the end of which its movement is arrested. As the arm 11 is moved by the finger 21 the pawl 14 turns the wheel 7 which in turn rotates the wheel 6 and arbor 3. The arbor 115 rotates the disk 4 which carries the name of one of the goods or articles into register with the display opening 2. Therefore when the ball stops in the vicinity of the display opening there is a name in view through 120 the said display opening. The movement of the ball and its sudden stop will attract the attention of observers to this name. As the arm 11 swings so that the ball moves toward the said display opening the pawl 14 passes 125 over the teeth of the wheel 7 without rotating the same. Therefore the said wheel and its connected parts remain at a state of rest until the ball is again moved away from the display opening. This operation may be re- 130

peated as often as desired. To again bring the finger 21 in contact with the arms 11 and 15 the sleeve 20 is partially turned so that the finger 21 may pass behind the arm 11 without engaging the same. When the finger is beyond the arms 11 and 15 the sleeve is turned so that the said arms lie transversely across the path of movement of the said finger. As the bat 10 swings as above stated, the sections of the arms of the player will follow the movement of the same, which will give the figure the appearance of operating the bat to cause the same to strike the ball and impel it along the slot toward the display opening. This movement on the part of the limbs of the player renders the device more attractive and realistic as portraying the movements of a player and a ball and bat during the progress of a game.

Having thus described the invention, what is claimed as new is:

1. An advertising device comprising a casing having a display opening, a member arranged to move under the display opening and adapted to carry advertising matter, a figure represented upon the casing, the representation of an impelling member represented as connected with the figure, a missile arranged to move toward and away from the representation of the impelling member and the display opening, means for moving the representation of the impelling member and the representation of the missile, and means for moving the member carrying the advertising matter when the representation of the impelling member and the representation of the missile are moved to abnormal positions.

2. An advertising device comprising a casing having a display opening, a member arranged for movement within the casing and bearing advertising matter so arranged that it may be brought to view through the display opening, a figure represented upon the casing, limb sections pivotally connected together and pivotally connected with the figure, the representation of an impelling member pivotally connected with the limb sections, the representation of a missile adapted to move between the representation of the impelling member and the display opening, means for moving the representation of the impelling member and the representation of the missile from normal to abnormal positions, means for returning the said members to normal positions, and means for moving the member which carries the advertising matter from the representation of the impelling member when the same is moved to an abnormal position.

3. An advertising device comprising a casing having a display opening, a member arranged for movement in the casing and carrying advertising matter adapted to be viewed through the display opening, a fig-

ure represented upon the casing, the representation of an impelling member mounted upon the casing and represented as operated by said figure, the representation of a missile adapted to move between the representation of the impelling member and the display opening along a prescribed path, means for moving the representation of the impelling member and the representation of the missile to abnormal positions, means for returning the representation of the impelling member and the representation of the missile to normal positions, and means operated from the representation of the impelling member when the same is moved to an abnormal position for moving the means which carries the advertising matter, the parts of said means being so arranged that the means which carries the advertising matter will stay at rest while the representation of the impelling member is returning to its normal position.

4. An advertising device comprising a casing having a display opening, an arbor journaled therein, a disk carried by the arbor and bearing advertising matter adapted to be moved into register with the display opening, a figure represented upon the disk, the representation of an impelling member represented as operated from the figure and movably mounted upon the casing, an arm located within the casing and operatively connected with said representation of the impelling member, a return means connected with said arm and said casing, a second arm pivotally mounted in the casing, a return means connected to the said second arm and casing, the representation of a missile carried by the said second arm and located in the path of movement of the representation of the impelling member, means for moving the said arms simultaneously and for releasing them successively, and means for operating the disk from the representation of the impelling member.

5. An advertising device comprising a casing having a display opening, a disk journaled therein and having advertising matter adapted to be brought into register with the display opening, a figure represented upon the casing, the representation of an impelling member represented as operated from the figure, an arm operatively connected with said representation of the impelling member and located within the casing, a second arm located within the casing, the representation of a missile carried by the last mentioned arm and located in the path of movement of the representation of the impelling member, a third arm pivoted in the casing, a sleeve carried by the last mentioned arm and having a finger, said sleeve being positioned upon the last mentioned arm for partial rotation, said finger adapted to be projected across the

said arms and engage the same to move them to abnormal positions and adapted to release the said arms successively, means for returning the arms to their normal positions, and means for operating the disk from the impelling member.

6. An advertising device comprising a casing having a display opening, a member arranged to move under the display opening and adapted to carry advertising matter, the representation of an impelling member mounted upon the casing, the representation of a missile arranged to move toward and away from the representation of

the impelling member and the display opening, means for moving the representation of the impelling member and the representation of the missile, and means for moving the first mentioned member when the representation of the impelling member and representation of the missile are moved to abnormal positions.

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

WILSON J. M. GLAVES. [L. s.]

Witnesses:

NELLIE G. GLAVES,
W. G. HENDERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."