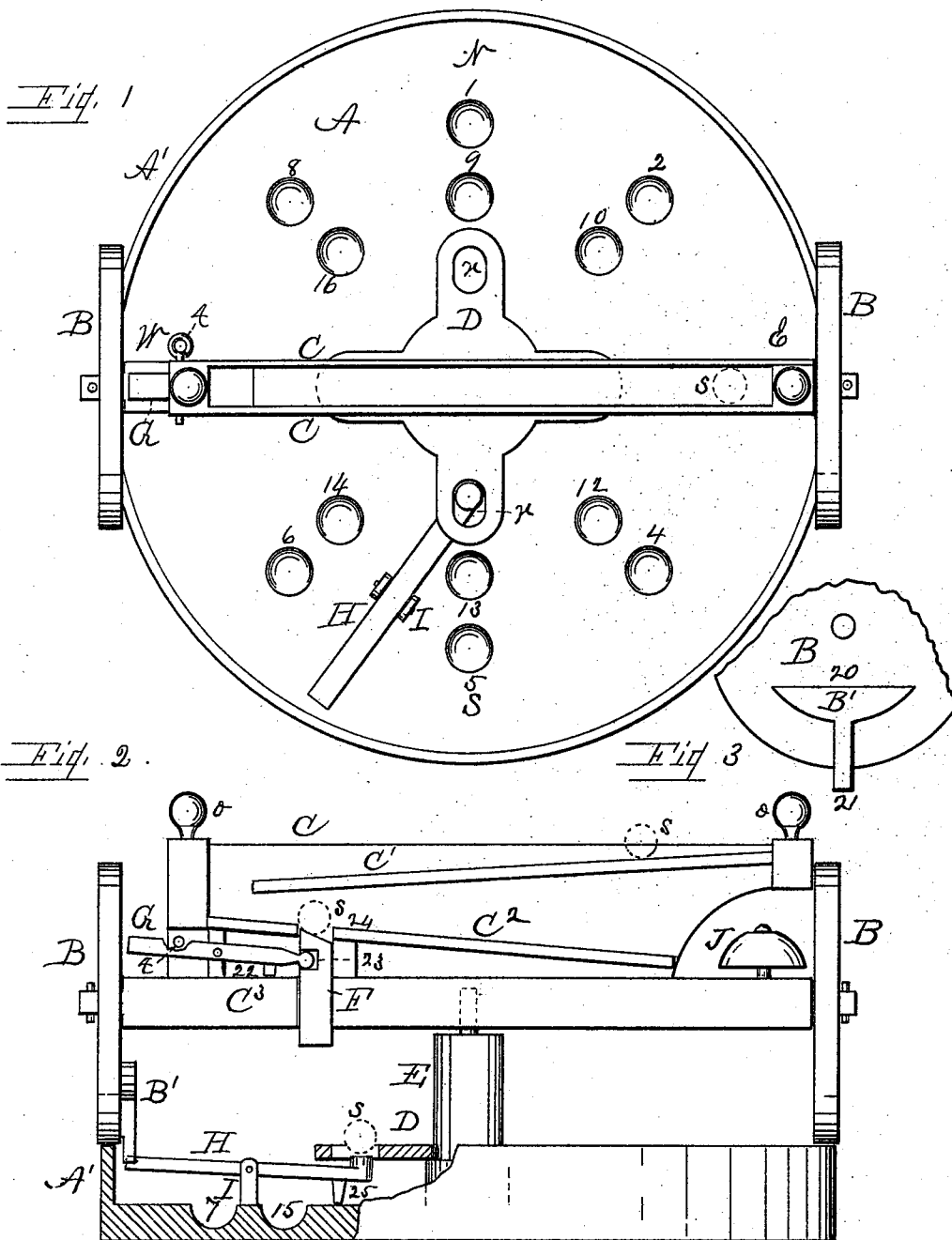


(No Model.)

G. WILKENING.
GAMING DEVICE.

No. 539,107.

Patented May 14, 1895.



Witnesses
John P. Foote
Michael Cahill.

Inventor
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UNITED STATES PATENT OFFICE.

GOTTLIEB WILKENING, OF DAYTON, OHIO.

GAMING DEVICE.

SPECIFICATION forming part of Letters Patent No. 539,107, dated May 14, 1895.

Application filed November 12, 1894. Serial No. 528,488. (No model.)

To all whom it may concern:

Be it known that I, GOTTLIEB WILKENING, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Gaming Devices; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in a gaming device for the amusement of children, the features of which will be fully hereinafter described and claimed.

The objects of my device are to amuse and instruct children in the matter of counting, and in the directions of the compass, the specific features of which will be fully set forth in connection with the description of the device. I attain the objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan of the device. Fig. 2 is a side elevation of the same with portions removed to exhibit the interior. Fig. 3 is a broken portion of the left wheel.

Like letters and numerals designate like parts in the several views.

The circular base A is provided with the raised rim A', and on its upper surface are two series of cavities concentric to the device. The outer series is numbered from one to eight, and the inner from nine to sixteen. These cavities are of sufficient size to form a lodgment for an ordinary marble. The number of cavities may be increased or diminished, and arranged or numbered variously. The margin of the base may be marked off into three hundred and sixty degrees, the top marked N. for north, the bottom S. for south, the right hand E. for east and the left hand W. for west. When a marble falls into one of the cavities its numerical value may be given, also its relation to the cardinal points of the compass expressed in degrees or otherwise.

In the center of the base is the hub or

standard E, which comprises the shoulder on which rests the plate D, and on the top is the spindle which engages an orifice of the axle C³, and about which it freely turns. This axle is supported on the wheels B B which traverse the rim; and for the purpose of giving motion to the device, the knobs o on both ends of the axle are grasped and revolutions are given.

On the inner surface of the left wheel—not shown in Fig. 1—is attached the trip B' comprising the straight surface 20 at a right angle to a radial line, and the leg 21, which extends beyond the periphery of the wheel in a radial line. In revolving the wheel, the plain surface engages the end of the lever G and thereby depresses it. This lever is pivoted above the axle and its inner end engages the slot 23 of the sliding-block F, which is held in a mortise of the axle.

The arresting lug 22 holds the sliding-block at such a position, that the marble s—indicated by circular dotted lines—will drop into the notch 24 in the incline C². When the lever is depressed by the movement of the wheel the marble is discharged from the notch, it rolls down the incline, strikes the bell J held on the axle, drops to the base and finally settles into one of the cavities. The lever G is partially cut away to show a hole for the pin t, which when entered, would hold the outer end of the lever down, free from engagement with the wheel, and then the marble would not be discharged.

Another device for discharging a marble comprises the plate D held on a shoulder of the standard E, and which has arms in which are oblong slots, into which a marble would rest.

The standard I is attached to the base, and in this is pivoted the lever H. The rounded end enters slightly the oblong orifice in said plate, and when the outer end of said lever is depressed by the projection 21 of the trip, the marble is displaced and falls onto the base and enters one of the cavities thereof. Each of the arms may be provided with a like discharging lever, or only one may be used. The proper position, of these levers to the plate, is maintained by the lug 25 on the under side near the end. The support of the parts, over

and about the axle, is by the side boards C, the near one being removed in Fig. 2, to exhibit the internal parts.

C' is the upper incline and C² the lower.

5 The operation of the device is thus: A marble or marbles are placed on the upper incline, they roll down, strike the lower incline and lodge in the notch of the same. At each
10 revolution of the wheel the lever G is depressed. This carries up a marble, and it rolls down the incline, strikes the bell, falls onto the base and settles in one of the numbered
15 cavities. The game consists, when two or more are at play, in the sum of the numbers of a given number of marbles. The position
20 may be expressed by naming the cardinal points of the compass, or the variation in degrees from the four principal points. If the marbles are discharged from the plate by the
25 projection of the trip, the reading may be done in the same way. The two devices for discharging the marbles may be used simultaneously or alternately as the operators may choose. The upper device will discharge a
30 marble at each revolution of the trip-wheel, but in the lower, a large number of revolutions might be required.

Having fully described my invention, what

I claim, and desire to secure by Letters Patent, is—

1. In a device adapted to play games the combination of the circular base, with cavities on its face, provided with the central standard and the marginal rim for a track, the supporting wheels one of which is provided with a trip, the axle pivoted on said
35 standard, the upper incline, the notched lower incline, the discharging slide and its lever engaged by said trip, substantially as described.

2. In a device adapted to play games the combination of the circular base, with numbered cavities, provided with the central standard and the marginal rim for a track, the supporting wheels adapted to revolve on
40 said track, the trip attached to one of said wheels, the axle pivoted to said standard, the holding-plate and discharging lever, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of
45 two witnesses.

GOTTLIEB WILKENING.

Witnesses:

B. PICKERING,
MICHAEL CAHILL.