(No Model.)

J. A. BRITTAIN.

GAME COUNTER.

No. 347,467. Patented Aug. 17, 1886.

Fig. 1.

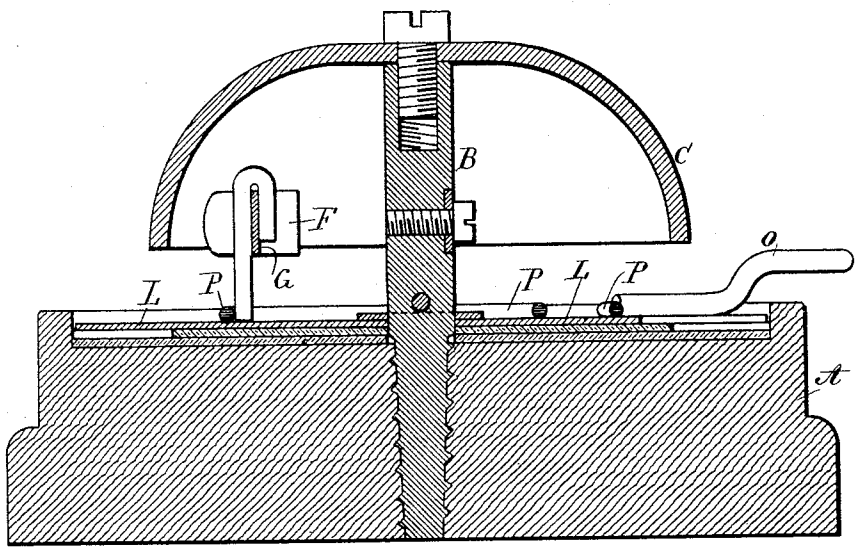
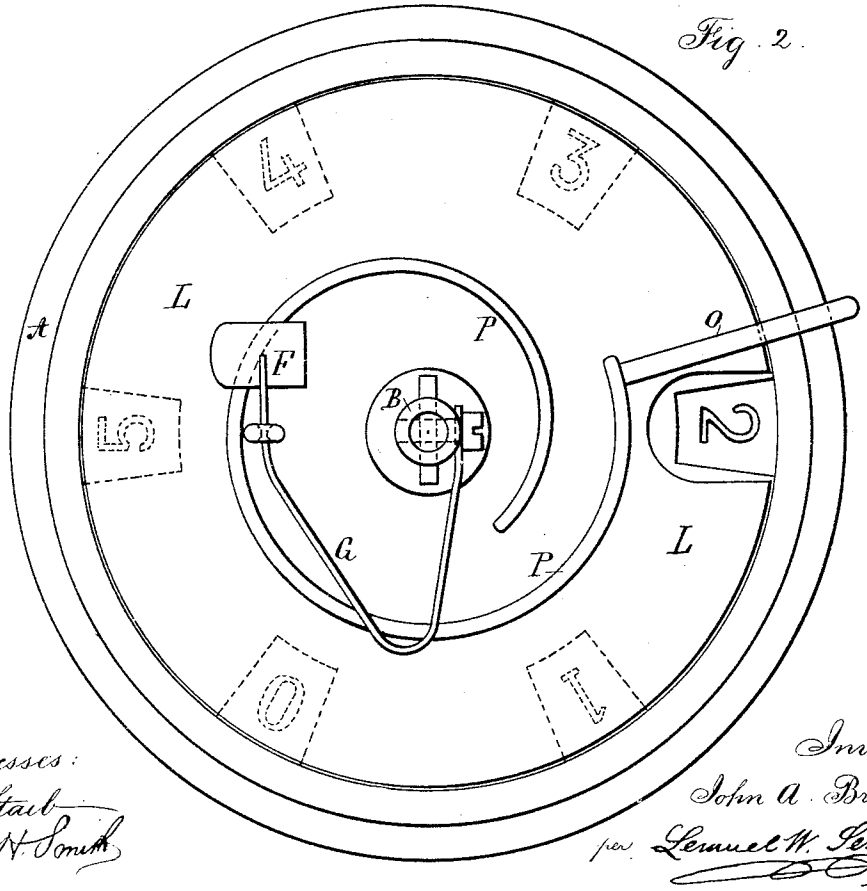


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN A. BRITTAIN, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND FRANK G. DU BOIS, OF SAME PLACE.

GAME-COUNTER.

SPECIFICATION forming part of Letters Patent No. 347,467, dated August 17, 1886.

Application filed May 10, 1886. Serial No. 201,604. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. BRITTAIN, of the city and State of New York, have invented an Improvement in Counters and Indicators for Games, &c., of which the following is a specification.

The object of this invention is to keep account in playing games of different characters, and to give an alarm or indication at the completion of the revolution of the counter, or end of the game. In apparatus that has heretofore been constructed having this object in view the base has been hollow and contained the bell.

My improvement is for simplifying the apparatus and for lessening the cost.

I make use of a base supporting a central standard and a bell, and within the bell is a spring-hammer supported by the standard, and this standard forms a center around which a shield having an opening therein is revolved progressively. The dial or counter is upon the top of the base, and there is a scroll-cam upon the surface of the shield, and this scroll-cam acts against the hammer-tail to draw back the hammer, and the hammer-tail slips off the end of the scroll when the highest figure on the dial is visible through the perforated shield, thereby indicating the completion of the revolution.

In the drawings, Figure 1 is a vertical section of the apparatus, and Fig. 2 is a plan with the bell removed.

The base A is preferably of wood, but may be of any suitable material, into which is screwed the lower end of the standard B, and to the top of this standard the bell C is fastened. The hammer F is within the bell, and it is connected to the standard, preferably by a folded spring, G, so that the hammer may be drawn away from the bell and the spring-handle thereof compressed, so that the blow will be given by the action of the spring when the hammer-tail is liberated.

Upon the upper surface of the base A a dial or counter is provided, the same being formed of a circular range of numbers, letters, or characters, and this dial is fastened to the base, and the shield L is made with an opening to expose one number at a time as such shield is revolved progressively by the handle O. The standard B passes through the shield and forms a center around which the shield is revolved, and the upper surface of the base A is preferably recessed for the reception of the dial and the shield.

Upon the surface of the shield is a scroll-cam, P, preferably made of a piece of wire, the inner end of which is firmly attached to the shield, and there is a tail projecting downwardly from the hammer and passing within the scroll-cam, so that as the shield is revolved the scroll-cam draws the hammer-tail and hammer away from the bell, and the parts are placed so that as the last figure in the dial is exposed by the revolution of the shield the hammer-tail slips off the inner end of the scroll or cam and the spring causes the hammer to strike the bell.

If the outer portion of the wire forming the scroll-cam is left free from the shield, it can act as a spring to throw the hammer out of contact with the bell to allow the latter to vibrate freely.

I claim as my invention—

1. The combination, with the base, standard, and bell, of a hammer supported by the standard, a dial upon the top of the base, a shield over the dial with an opening, and a scroll or cam upon the shield acting upon the hammer-tail to draw back the same before striking the bell, substantially as set forth.

2. The combination, with the base, standard, and bell, of a hammer, a spring attached at one end to the standard and at the other end to the hammer, a shield-plate adapted to be revolved around the standard, and a scroll or cam upon such shield, substantially as set forth.

3. The combination, with the standard, bell, and hammer, of a shield-plate revolved around the standard, and a scroll or cam formed of a wire attached at one end to the shield-plate and acting against the hammer-tail, substantially as set forth.

Signed by me this 7th day of May, A. D. 1886.

JOHN A. BRITTAIN.

Witnesses:
GEO. T. PINCKNEY,
WILLIAM G. MOTT.