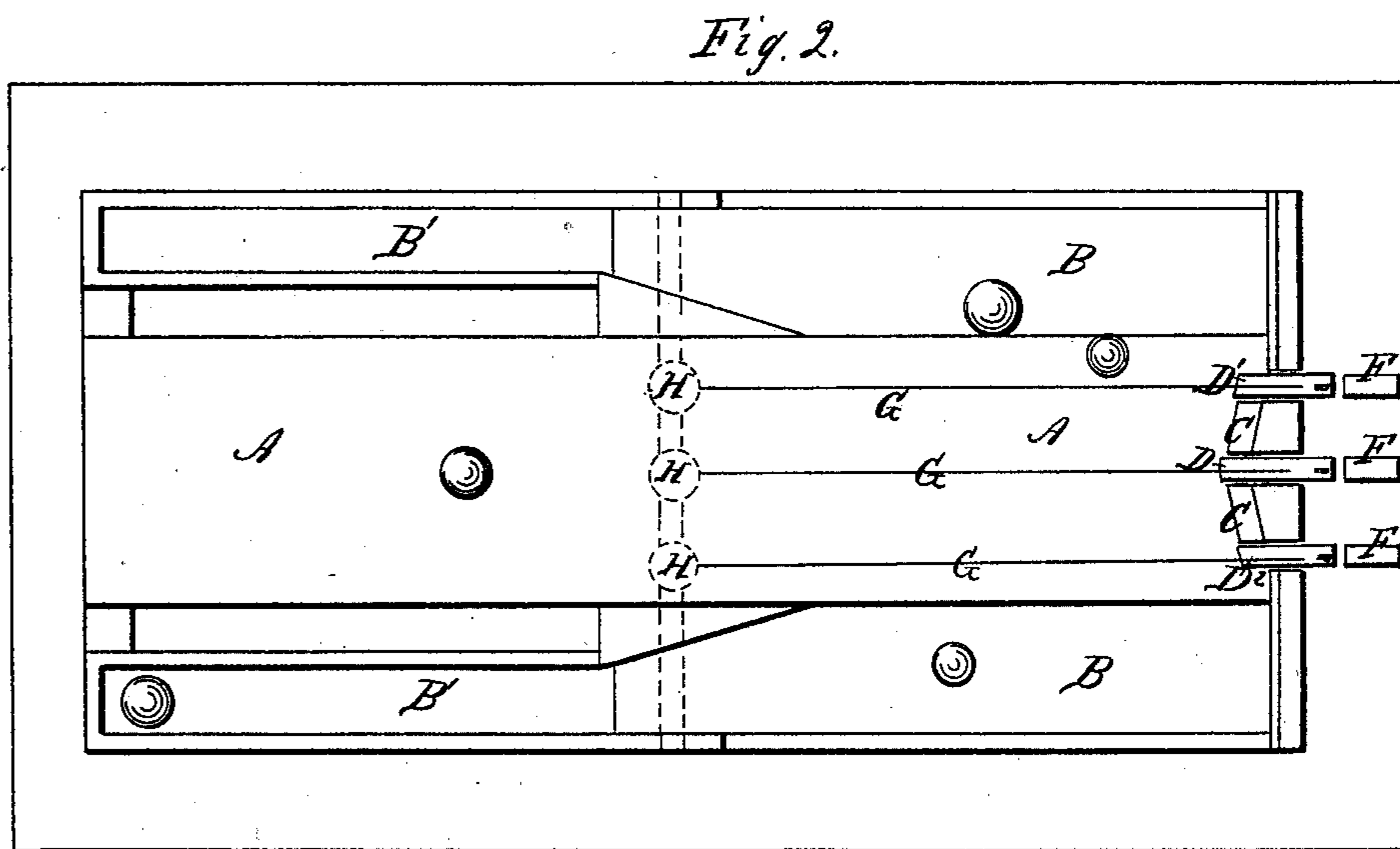
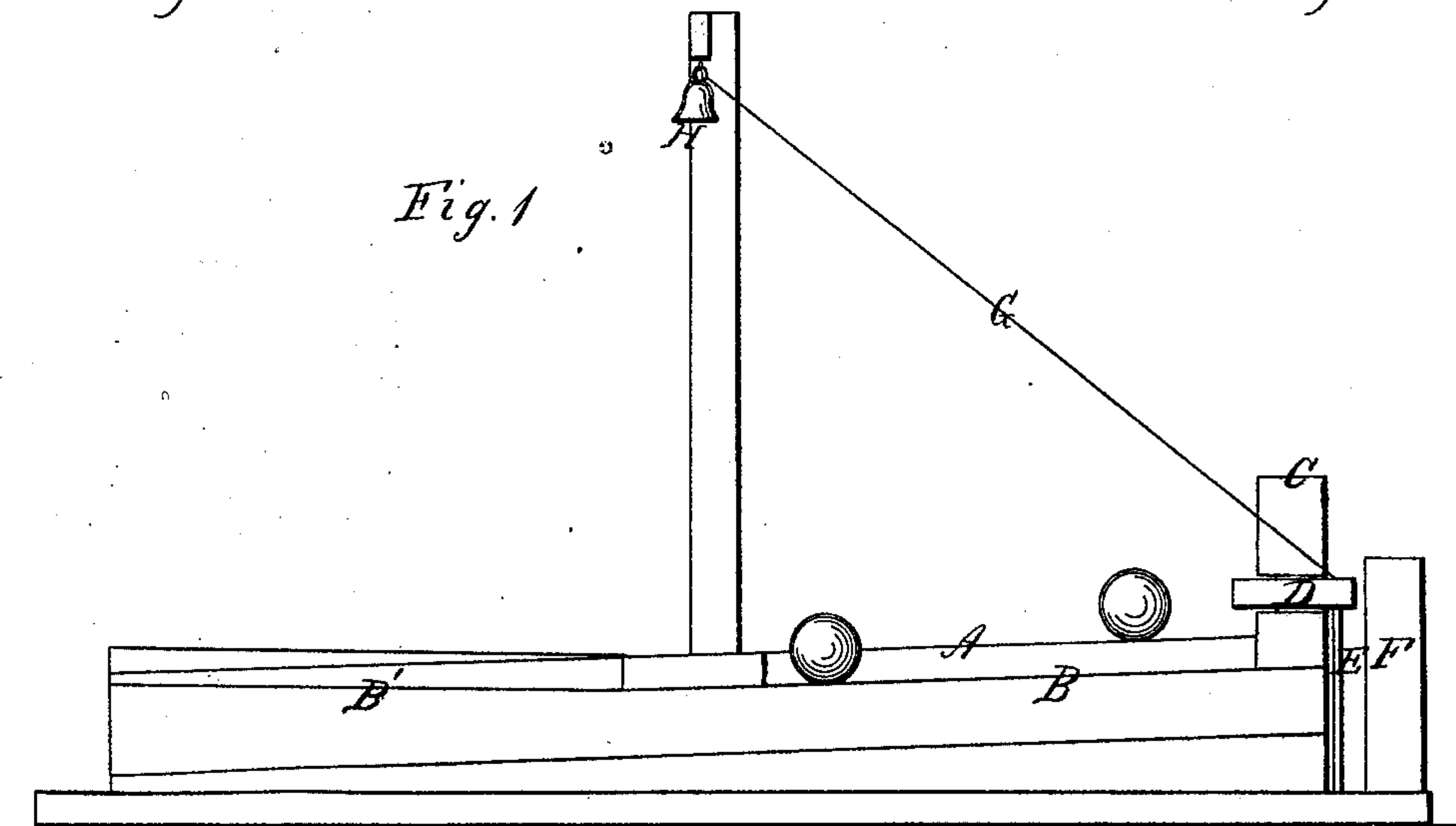


*J. D. Patrick,*

*Game Board.*

*N<sup>o</sup> 69581.*

*Patented Oct. 8, 1867.*



*Witnesses;*  
*Wm. Smith*  
*Geo. H. Strong*

*Inventor;*  
*James D. Patrick*  
*By*

# UNITED STATES PATENT OFFICE.

JAMES DILLON PATRICK, OF SAN FRANCISCO, CALIFORNIA.

## IMPROVEMENT IN BALL-ALLEYS.

Specification forming part of Letters Patent No. **69,581**, dated October 8, 1867.

*To all whom it may concern:*

Be it known that I, JAMES DILLON PATRICK, of San Francisco, county of San Francisco, State of California, have invented certain new and useful Improvements in Ball-Alleys; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvements without further invention or experiment.

The object of my invention is to provide an improvement in that class of games in which balls are rolled upon an alley or table, and made to count in the game by knocking down pins or other devices.

My invention consists of a peculiar construction and arrangement of ten-pin alley.

To more fully explain my invention, reference is had to the accompanying drawings, forming a part of this specification, of which—

Figure 1 is a side elevation with section, showing target; Fig. 2, a plan, showing the relative positions of the targets.

Similar letters indicate like parts in each of the figures.

A represents the alley upon which the balls are rolled, and may be placed at an incline, as shown.

B B are the return-alleys, also placed at an incline, in order to return the balls to the player. The lower end, B', may be elevated, so that the balls will be checked as they return, and not come with too much force.

C is the back of the alley, in which the tar-

gets are placed, and may be cushioned with rubber or other material, and the ends of the targets may also be cushioned. The targets D D<sup>1</sup> D<sup>2</sup> are placed horizontally, and are movable against cushions on the post F. The springs E serve to return the targets to their position after being hit by the ball. F F are posts to prevent the targets being moved too far.

A string or wire, G, may be connected with each target and with a bell, H, as shown, so as to record which target has been hit.

In playing the game, the balls are rolled up the alley, and count either five, three, or two, as D, D<sup>2</sup>, or D<sup>1</sup> is struck; or ten may be scored if the ball strikes D so fairly as to return down the alley. If a ball does not strike in this manner, it will be deflected to either one side or the other of the alley by the inclined faces of the targets or the back C, and thus be returned upon the alleys B B', the player being enabled by this device to dispense with all assistants.

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

The above-described arrangement of the targets D and oblique backs C, in combination with the alley A and return-alley B, substantially as set forth.

In witness whereof I have hereunto set my hand and affixed my seal.

JAMES D. PATRICK. [L. S.]

Witnesses:

C. W. M. SMITH,  
GEO. H. STRONG.