

(No Model.)

C. F. BROWN.  
REGISTER FOR POOL TRIANGLES.

No. 509,424.

Patented Nov. 28, 1893.

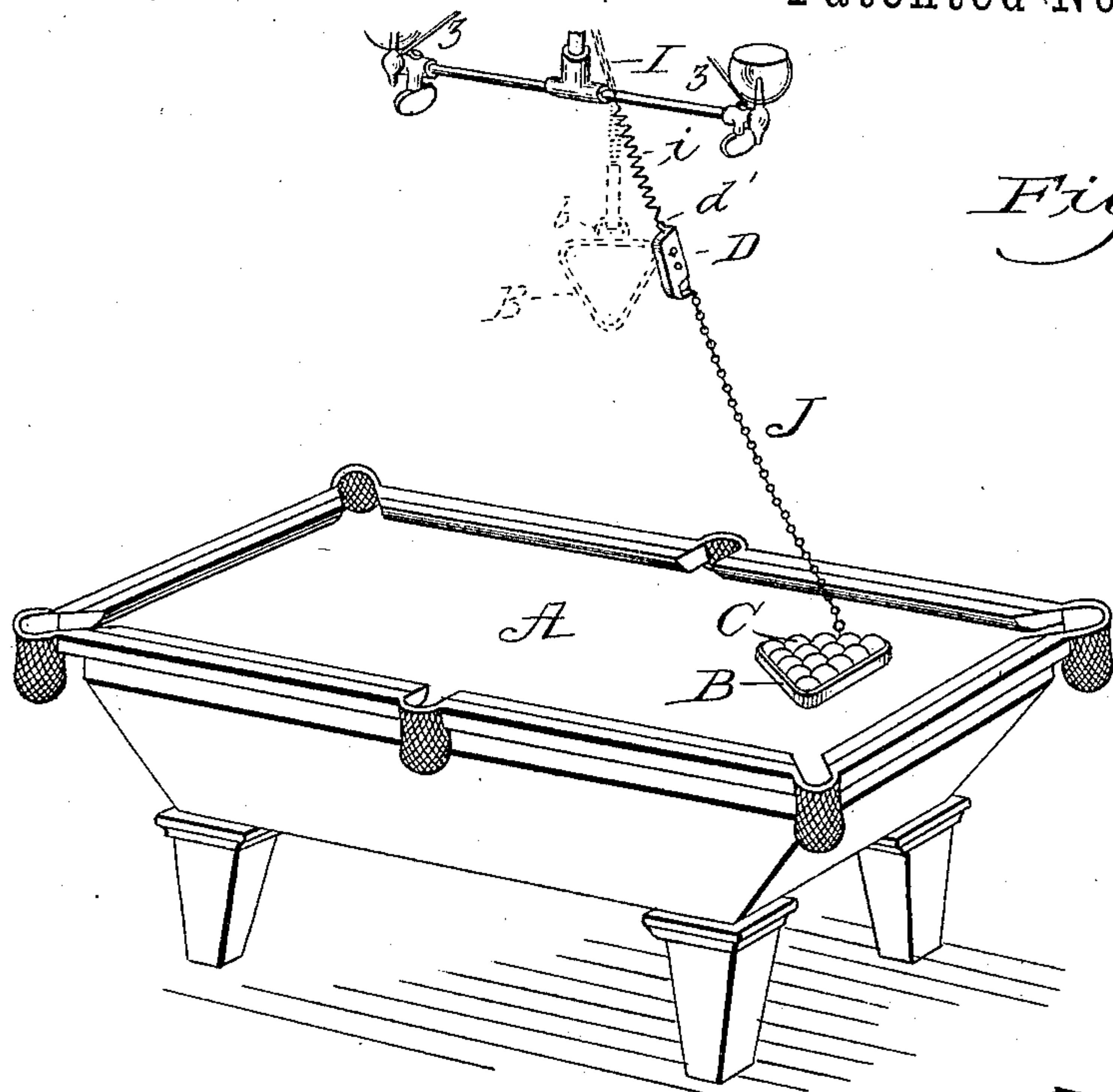


Fig. 1.

Fig. 2.

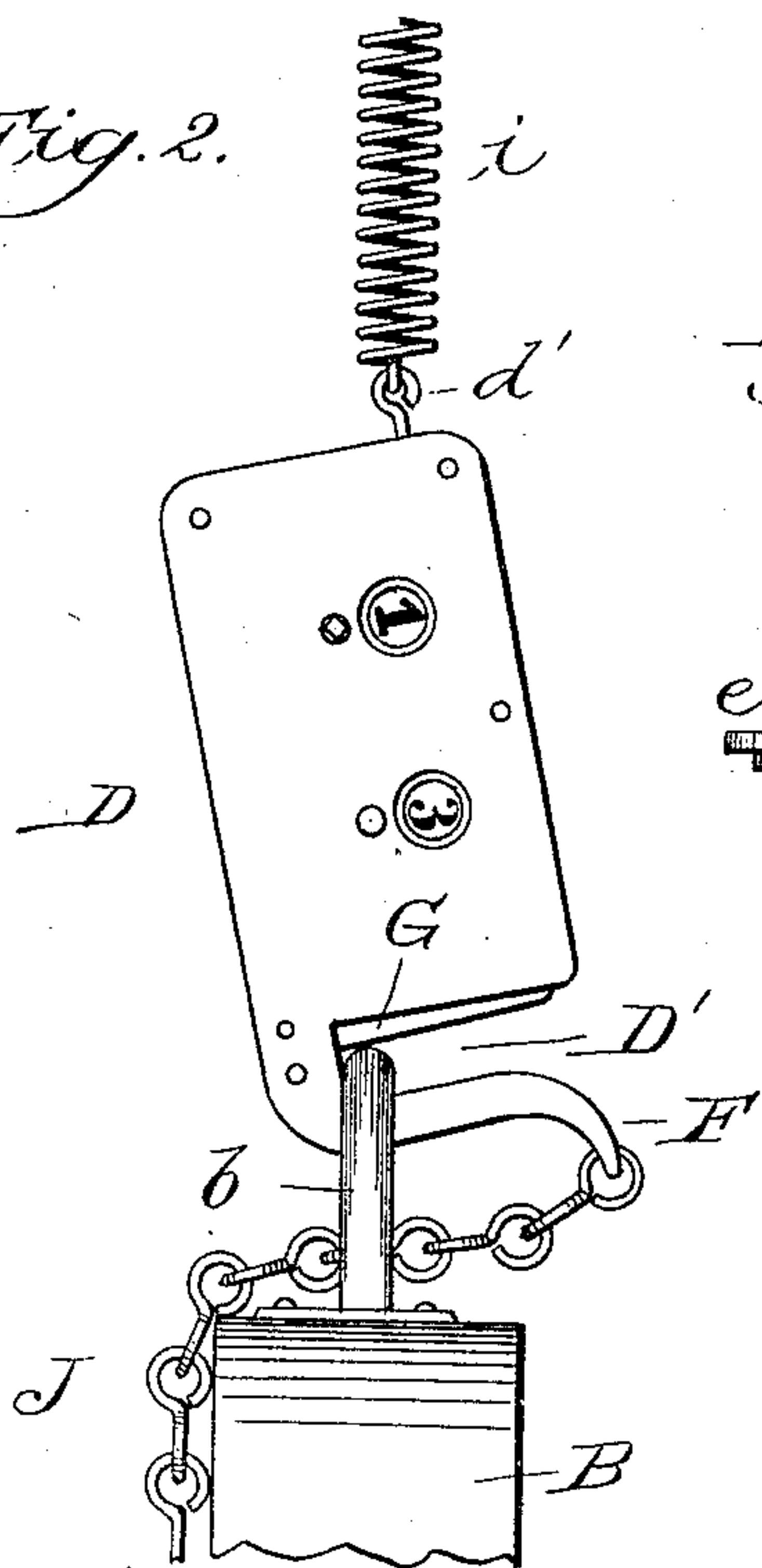


Fig. 4.

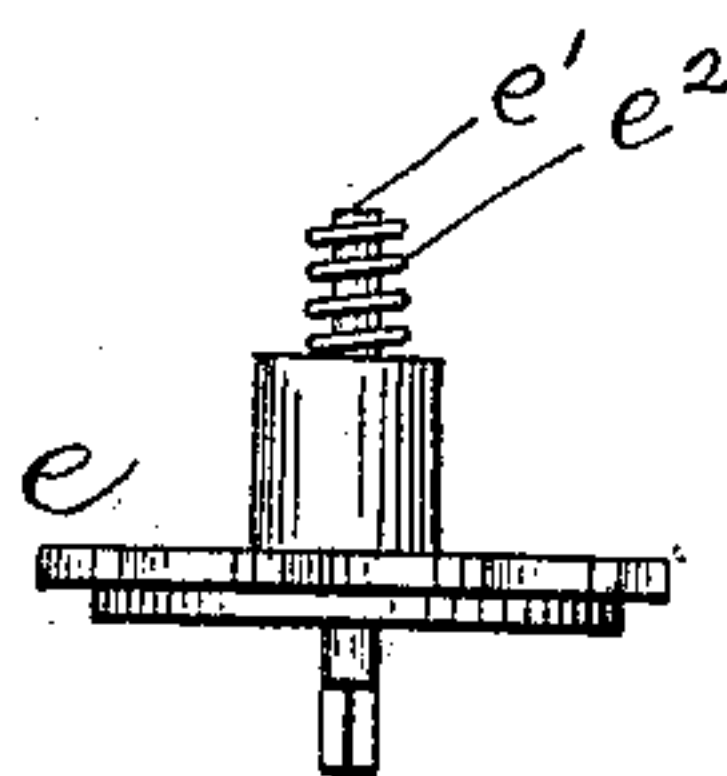
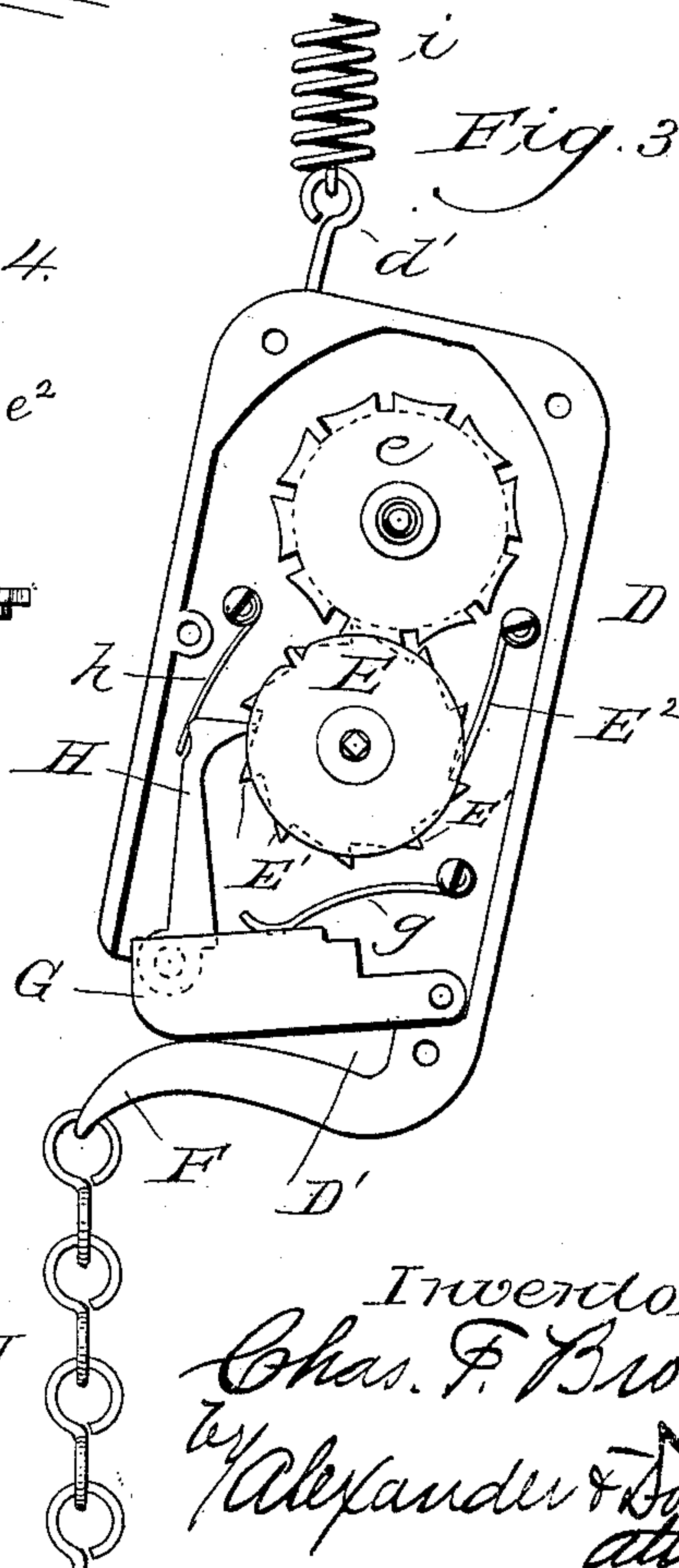


Fig. 3.



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# UNITED STATES PATENT OFFICE.

CHARLES F. BROWN, OF YONKERS, NEW YORK.

## REGISTER FOR POOL-TRIANGLES.

SPECIFICATION forming part of Letters Patent No. 509,424, dated November 28, 1893.

Application filed February 1, 1893. Serial No. 460,513. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES F. BROWN, of Yonkers, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Game-Registers and Triangle-Supports for Pool-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

This invention is a combined automatic register for pool tables, and support for the triangles by which the balls in "fifteen ball" pool are assembled at the beginning of the game, its object being to make the removal and rehanging of a triangle upon the support operate a register so that the number of games played may be recorded and ascertained without the necessity of an attendant to keep watch over the tables.

The invention will be clearly understood from the following description in connection with the drawings, in which—

Figure 1 represents a perspective view of a pool table, with the triangle hanger and register suspended thereover, indicating by the aid of dotted lines the triangle suspended on the hanger and in full lines the manner of using the triangle. Fig. 2 is a face view of the register, indicating the triangles suspended thereon. Fig. 3 is a view of the register with cover, or side removed, showing the interior parts. Fig. 4 is a detail.

In the drawings A represents an ordinary pool table.

B is the triangle, of ordinary construction, C the balls, which are indicated in Fig. 1 as grouped in the triangle preparatory to beginning a game of "fifteen ball" pool.

D represents the combined triangle hanger and game register. This consists of a case in which are two registering wheels E, e, indicating "units" and "tens" and constructed as usual, and as indicated in Fig. 3, to carry from one to the other. The lower end of the case is transversely slotted as at D', the end piece of the strip forming a tongue or hook F the outer end of which is bent down so as to form a flaring mouth to the slot to facilitate the insertion of the eye or staple b, attached to the triangle B. A dog G is pivot-

ed in the case just above the slot D' being pivoted at the rear end of the slot, so that its front end will drop upon tongue F near the front end thereof, and a spring g is secured in the case to force the dog positively toward the tongue at all times. The front end of the dog G is rounded upwardly to facilitate the insertion of the eye b thereunder. A pawl H is pivoted to one side of dog G and is continually held in engagement with the ratchet E' of wheel E by a spring h, secured in the case as shown, and a spring-click pawl E<sup>2</sup> is fastened in the case and engages ratchet E' to prevent backward movement of the wheel E.

The register is suspended above the pool table by means of a chain I attached to a hook or eye d' on the upper end of the case, a spring i, being preferably interposed in the length of the chain to allow the register to be drawn down for examination. The triangle B is connected to the tongue F, or other part of the case, by a chain J, an eye or staple b being fastened to the outer side of the triangle as shown or formed on the triangle to which the chain is attached. This chain should just be of sufficient length to enable the triangle to be used on the table, and the register should be suspended in such position over the table that the triangle cannot be laid on the table or gotten out of the way except by hanging it upon the register as indicated. Now each time the triangle is used to assemble the balls and then replaced in the hanger by forcing eye b, between the dog G and tongue F, the dog G is raised and in so doing causes pawl H to move wheel E one notch, registering one game, and as long as the triangle remains suspended the dog cannot fall; upon its removal however, the dog and pawl drop, so that each time the triangle is removed and used and then replaced (and it must be for otherwise it would be in the way) the game is registered.

Any number of games up to ninety-nine can be registered by the register shown in the drawings, and by employing additional carrying wheels the recording capacity of the register will be increased accordingly. Wheel e, is mounted on a longitudinally movable shaft e' and is held in proper position to engage wheel E by a spring e<sup>2</sup>; by moving shaft e'



inward, compressing the spring, the registering wheels can be disengaged and can be quickly re-set to "0" position by means of a key. When the device is suspended from a chandelier as indicated in Fig. 1, guard wires  $z, z$ , may be run from the jets to the ceiling so that the triangle cannot be suspended thereon. By this device the number of games that has been played can be at once determined by looking at the register.

It is desirable to connect the triangle to the register and suspend them in substantially the manner described, as by so doing each game will be recorded when commenced, and the register being out of the way cannot be readily tampered with to make a false register. The form and construction of the holder and register, and its mounting, or the manner of suspending or attaching the same in position may be varied readily by artisans, and likewise the connection between the register and triangle may be varied, or even in some cases omitted.

Having particularly described one practical construction thereof, what I claim as new, and desire to secure by Letters Patent thereon, is—

1. The combination with a registering device having a hook and a movable member adjoining the hook and lying in such position as to be shifted by the placing of a body on the hook, with a registering wheel actuated by said member when it is shifted in one direction, substantially as described.

2. The combination of the case having a hook, a registering device in the case, and a member closing the hook and adapted to shift

the register device when moved by the hanging of a body on the hook, with a triangle, and a flexible connection between the triangle and case substantially as described.

3. In a pool game register the combination of a case having a hook, a registering device thereon, a movable dog pivoted opposite the hook and closing the mouth thereof and adapted to actuate the register when it is shifted, with a pool triangle loosely connected to said case, adapted to be suspended in the hook when not in use, whereby the dog is forced to actuate the register, simply by hanging the triangle on the hook substantially as described.

4. The combination of the case D having a slot  $D'$ , the registering wheels  $E, e$ , in the case, the dog  $G$  pivoted above and partly closing slot  $D'$ , and the pawl  $H$ , all constructed and arranged to operate substantially as and for the purpose described.

5. The combination of the case D having a slot  $D'$ , the registering wheels  $E, e$ , in the case, the dog  $G$  pivoted above and partly closing slot  $D'$  and the pawl  $H$ , and the pool triangle having an eye and the flexible connection between said triangle and case, all constructed and arranged to operate substantially as described.

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

CHARLES F. BROWN.

Witnesses:

GEO. W. PEENE,  
JOHN H. KEELER.