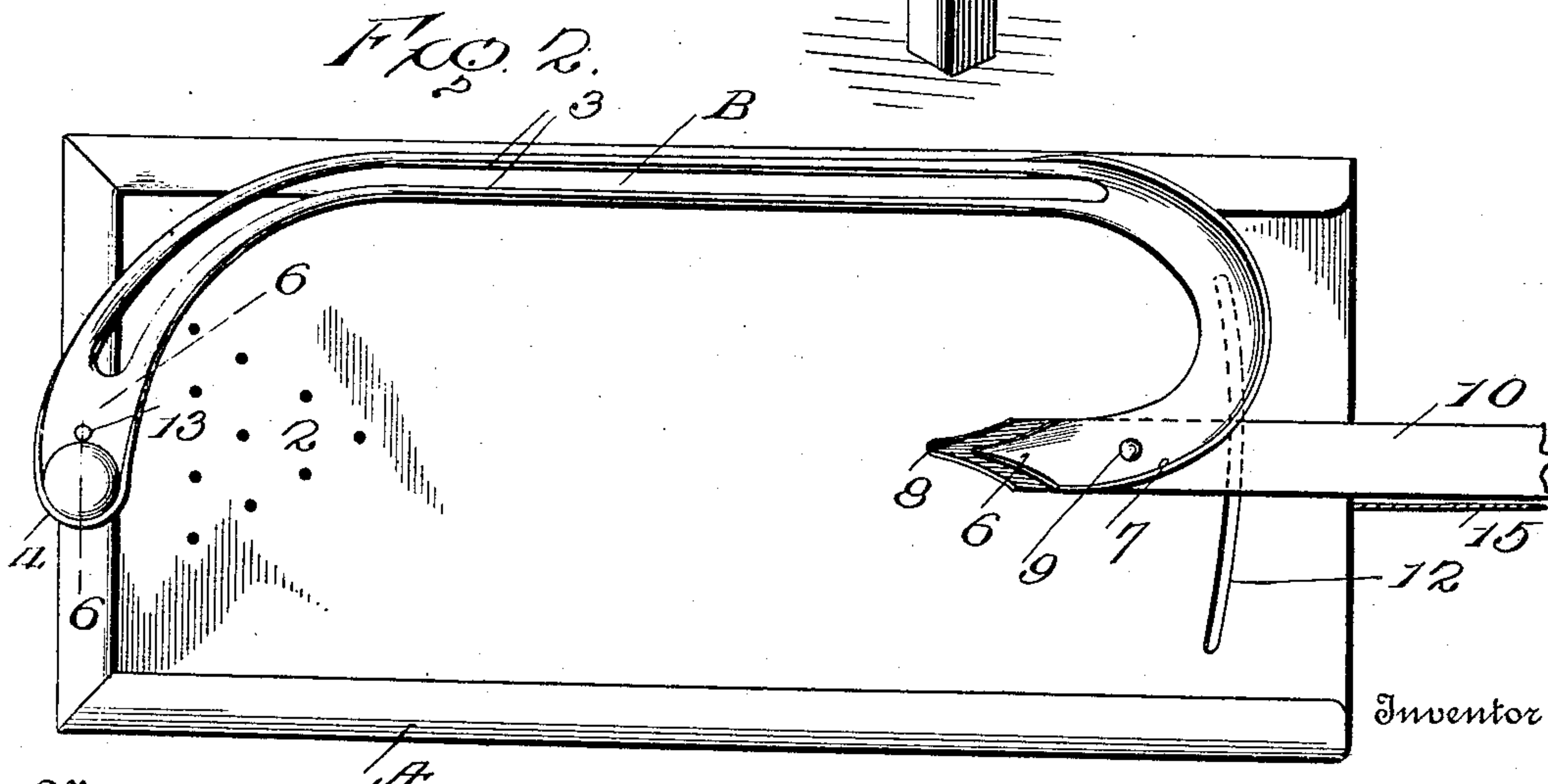
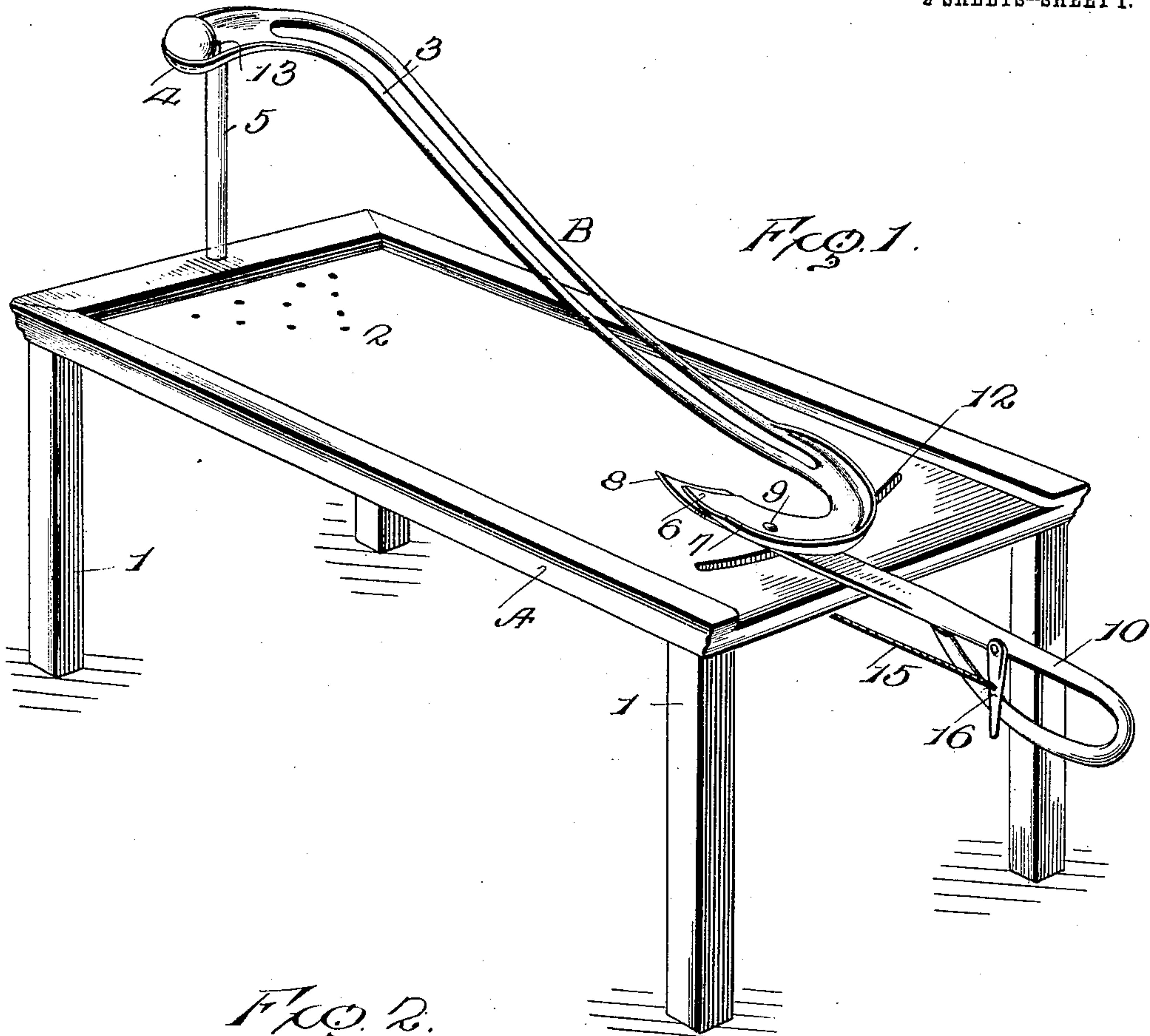


S. J. CONNIES.
 GAME APPARATUS.
 APPLICATION FILED MAR. 18, 1910.

999,095.

Patented July 25, 1911.

2 SHEETS—SHEET 1.



Witnesses
W. H. Thompson

Juana M. Gallin,

S. J. CONNIES

By

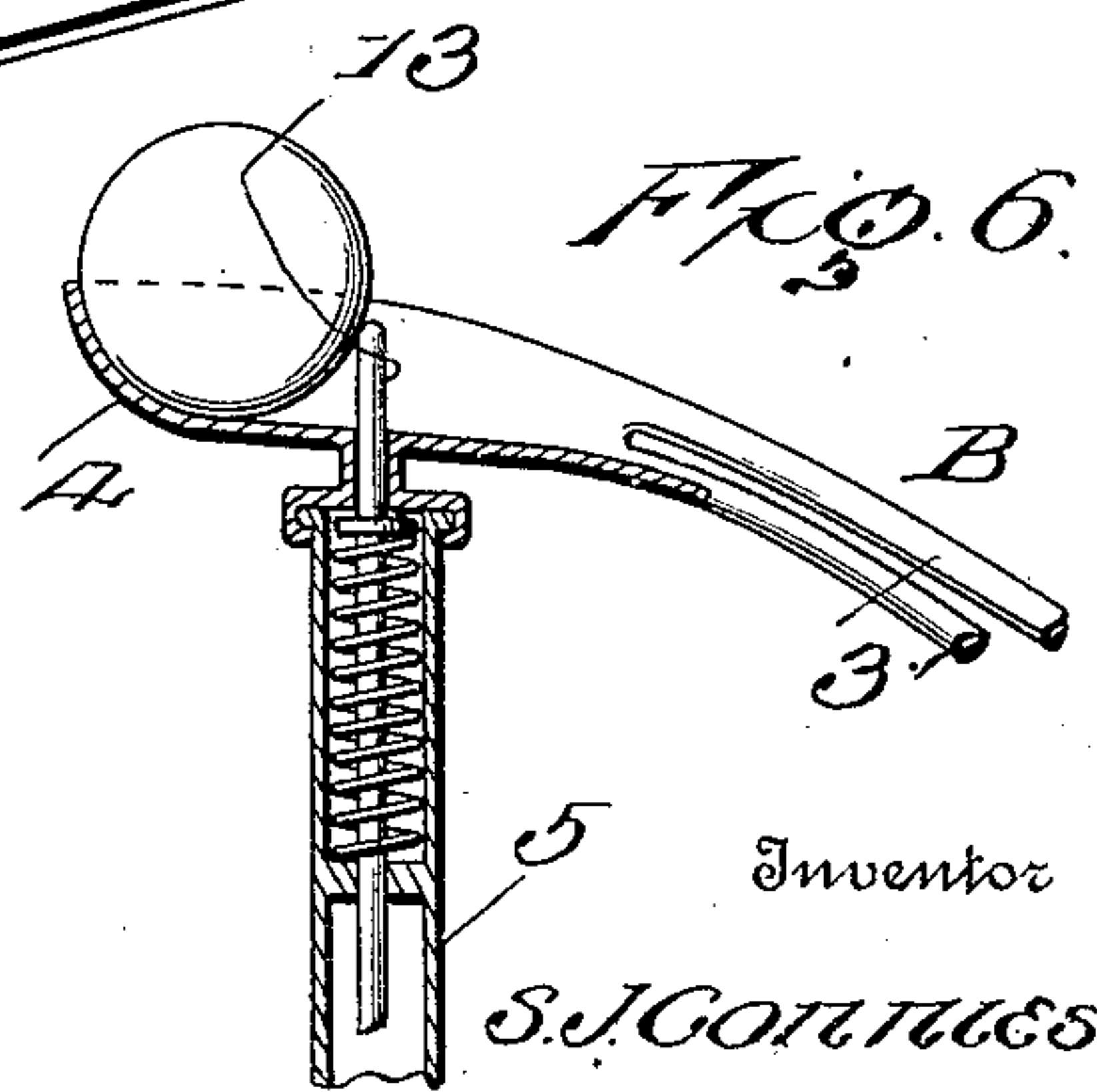
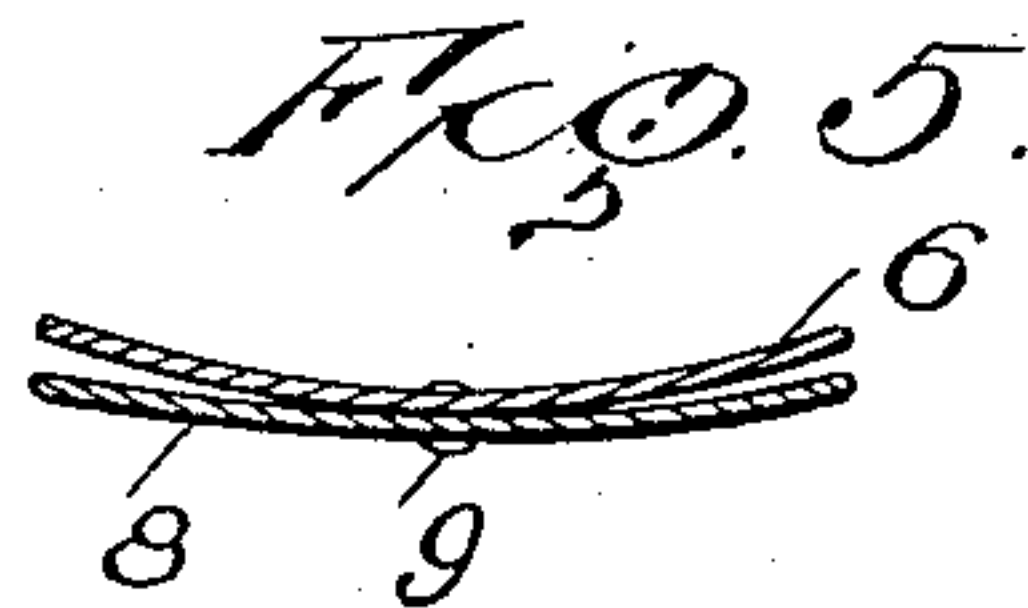
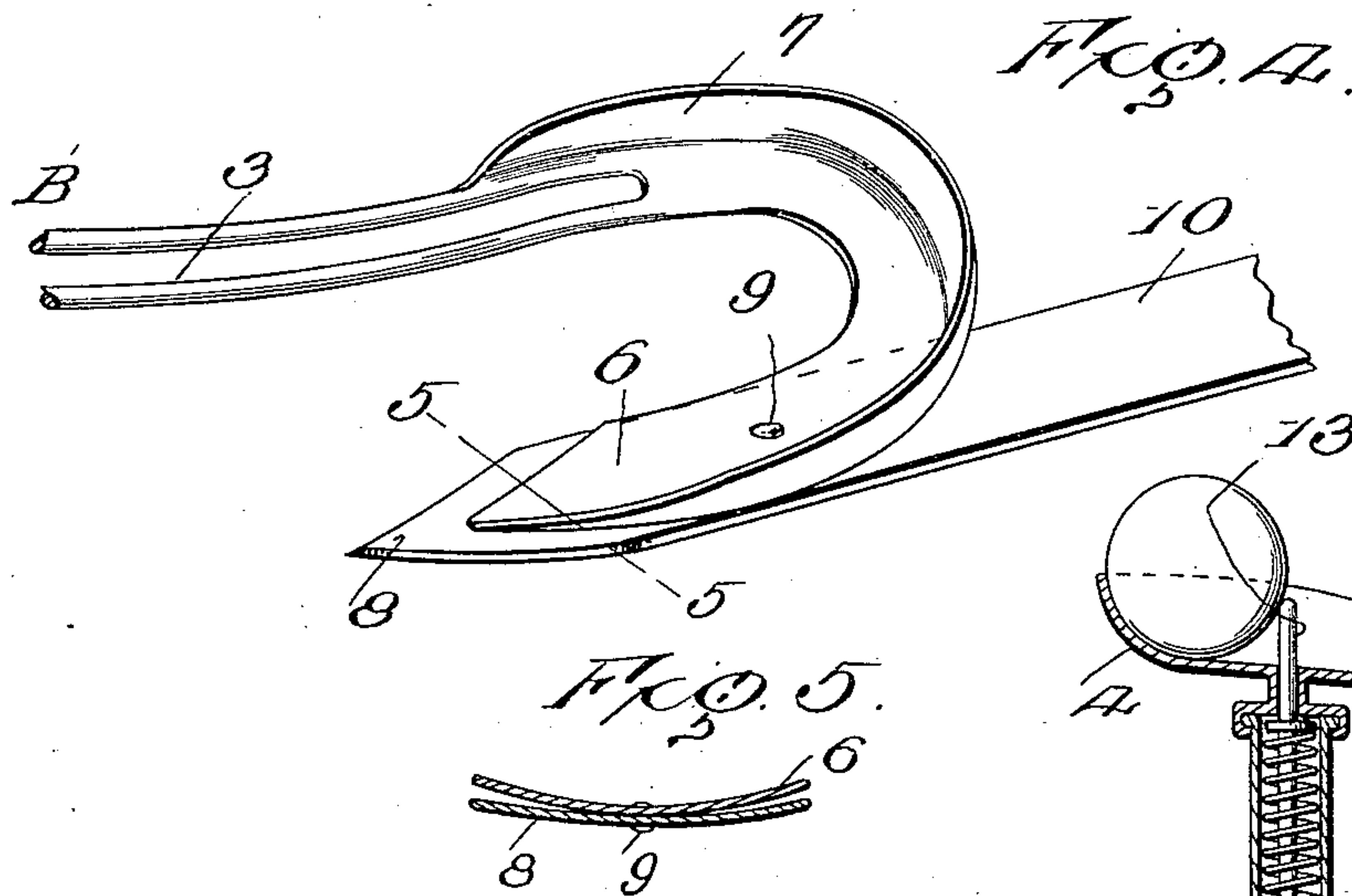
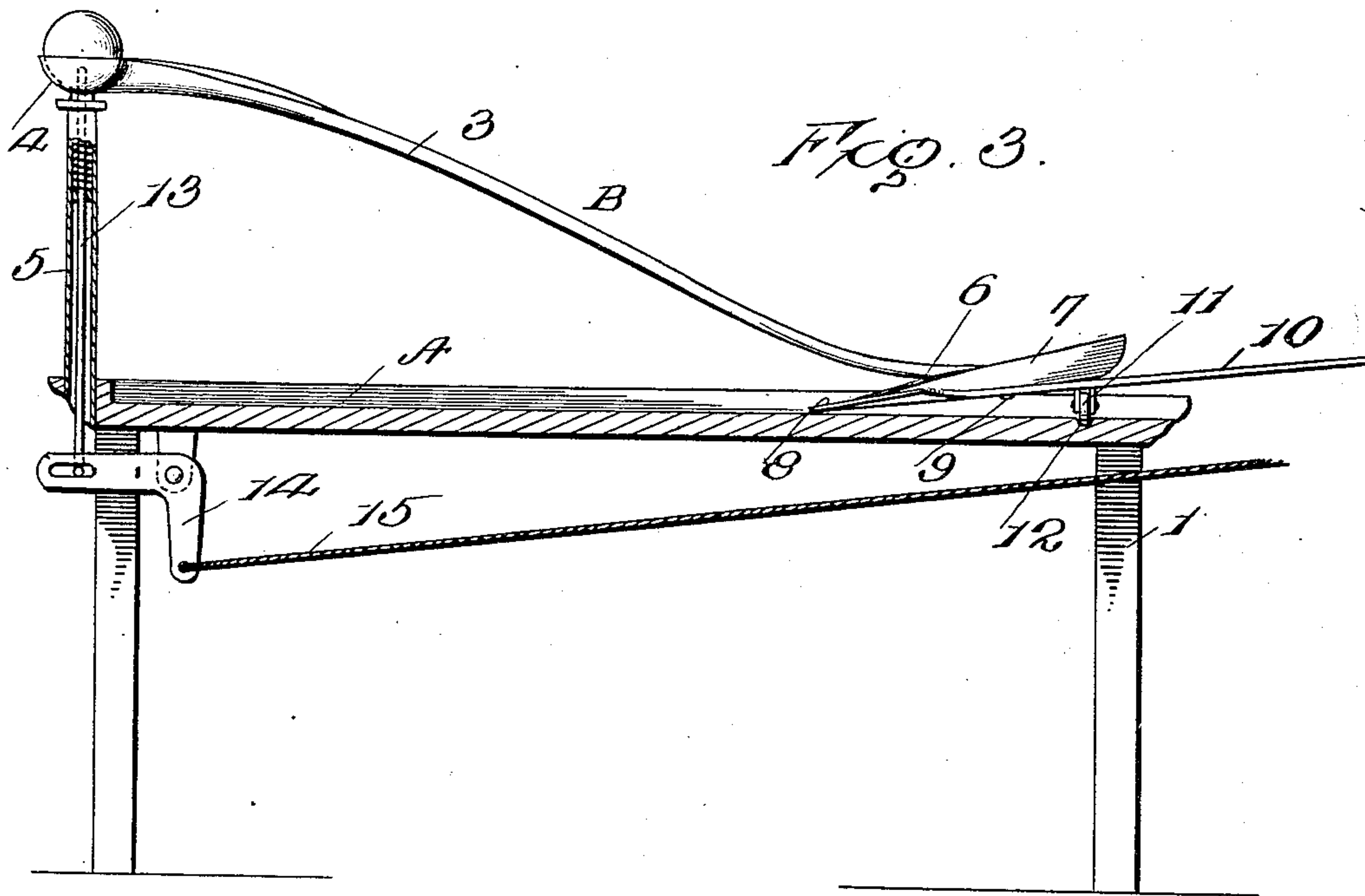
A. A. Macy, Attorneys.

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2 SHEETS—SHEET 2.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL J. CONNIES, OF BROOKLYN, NEW YORK.

GAME APPARATUS.

999,095.

Specification of Letters Patent.

Patented July 25, 1911.

Application filed March 18, 1910. Serial No. 550,160.

To all whom it may concern:

Be it known that I, SAMUEL J. CONNIES, citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification.

This invention comprehends certain new and useful improvements in surface projectile game apparatus, and the invention has for its primary object, a simple, inexpensive and interesting game in the nature of a bowling apparatus in which the balls are deposited upon a runway and delivered therefrom upon the alley or bed of the device, the run-way being movable under the control of the operator so as to direct the ball at the pins.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

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 perspective view of a game apparatus constructed in accordance with my invention; Fig. 2 is a top plan view thereof; Fig. 3 is a longitudinal sectional view of the device; Fig. 4 is an enlarged fragmentary perspective view of a portion of the run-way. Fig. 5 is a detail sectional view on the line 5—5 of Fig. 4; and, Fig. 6 is a fragmentary section taken on the line 6—6 of Fig. 2.

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.

My improved game apparatus comprises a bed or table A and a run-way B supported thereon. The bed A may be of any desired size and supported in any desired way as upon the legs 1 and it provides an alley or plane upper surface upon which the balls are directed at pins (not shown) positioned on the triangularly arranged spots 2 at one end of the bed.

The run-way B in the present embodiment of the invention comprises laterally spaced rods 3 that are secured at one end to a head 4 which is formed with a depression in which the ball is first placed, said head being sup-

ported in a relatively elevated position above the bed of the device on a tubular upright or standard 5. The opposite ends of the rods 3 are connected in any desired way or formed integrally with a curved deflector 6 which is provided with a flange 7 and which is adapted to lie upon the upper surface of the bed and be moved laterally thereover around the standard 5, as a pivot. In connection with the deflector 6 I employ a guiding arm 8 which is pivotally connected intermediate of its ends to the deflector as at 9 and which is provided with a looped or other form of handle as indicated at 10. The forward end of the arm 8 projects beyond the extremity of the deflector 6. Preferably the forward ends of the guiding arm 8 and the deflector 6 are transversely bowed, as best illustrated in Fig. 5, whereby to facilitate the operation of the device in directing the course of the ball as it leaves the deflector. If desired the deflector 6 may be provided with a run-way 11 received in a transversely curved groove 12 formed in the upper face of the bed A, as best illustrated in Figs. 1 to 3.

In order to hold the ball in the depression in the head 4 until it is desired that the ball shall roll down the run-way and upon the table or bed A, I have provided a detent pin 13 which is mounted in the standard 5 and which is spring pressed in an upward direction as indicated in Fig. 3 so that the upper end of the pin will normally project above the upper end of the upright or standard and obstruct the free passage of the ball and hold it in the depression in the head. To retract the pin 13 a bell-crank 14 is connected to the lower end of the pin, the bell-crank being fulcrumed on the lower face of the bed or table A and being operated by means of a cord 15 or the like connected to one arm of the bell-crank and a trigger 16 pivotally connected to the handle 10 of the guiding arm.

From the foregoing description in connection with the accompanying drawings, the operation of my improved game apparatus will be apparent.

In the practical use of the device as the pins, for instance, are placed on the table or bed A and a ball is placed in the depression in the head 4, the player grasps the handle 10 and moves the free forward end of the run-way to the desired point along the upper surface of the bed, the guiding

arm being pointed as the skill of the player may dictate in the proper direction to cause the ball as it leaves the run-way to travel along the surface of the bed and knock down
 5 the pins. This movement of course, tests the skill of the player who can not only move the run-way toward one side of the bed or the other, but who can swing the guiding arm 8 about its pivot point 9 so as to control the
 10 course of the ball as it leaves the run-way. The ball is released from the head of the device by manipulating the trigger 16 and rocking the bell-crank 14 in a direction to retract the pin 13 within the standard, and
 15 then the ball will be rolled down the run-way and be deflected and be finally deposited and roll along the table toward the spotted pins. Manifestly the skill of the player is determined by the number of pins upset, just
 20 as in the ordinary bowling game.

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

25 1. A game apparatus, comprising a bed, an inclined run-way pivotally mounted above the bed and provided at its lower end with a deflector, and a guiding arm pivotally connected to the deflector.

2. A game apparatus, comprising a bed, an inclined run-way consisting of a head pivotally supported on the bed, laterally 30 spaced rods connected at one end to said head, and a curved deflector connected to the other ends of said rods, and resting upon the upper surface of the bed.

3. A game apparatus, comprising a bed, 35 an inclined run-way pivotally supported thereon, a detent adapted to hold a ball at the upper end of said run-way, a handle connected to the run-way for moving the same, and means connected to the handle for 40 retracting the detent.

4. A game apparatus comprising a bed, an inclined run-way mounted above the bed and movable from side to side thereof, and provided at its lower end with a deflector, 45 and a guiding arm pivotally connected to the deflector.

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

SAMUEL J. CONNIES. [L. s.]

Witnesses:

FREDERICK C. MAYO,
 WILLIAM J. HEANEY.

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