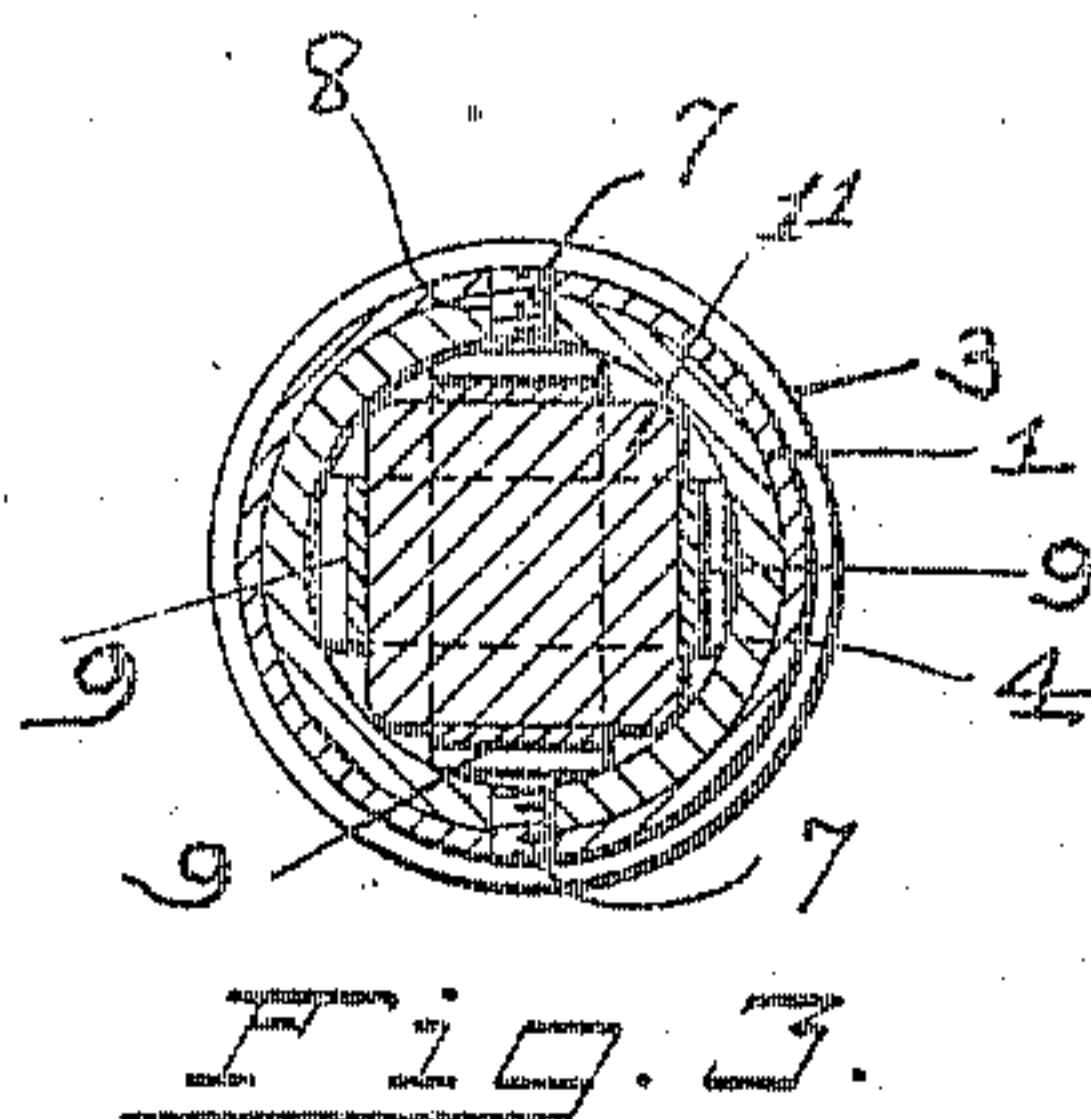
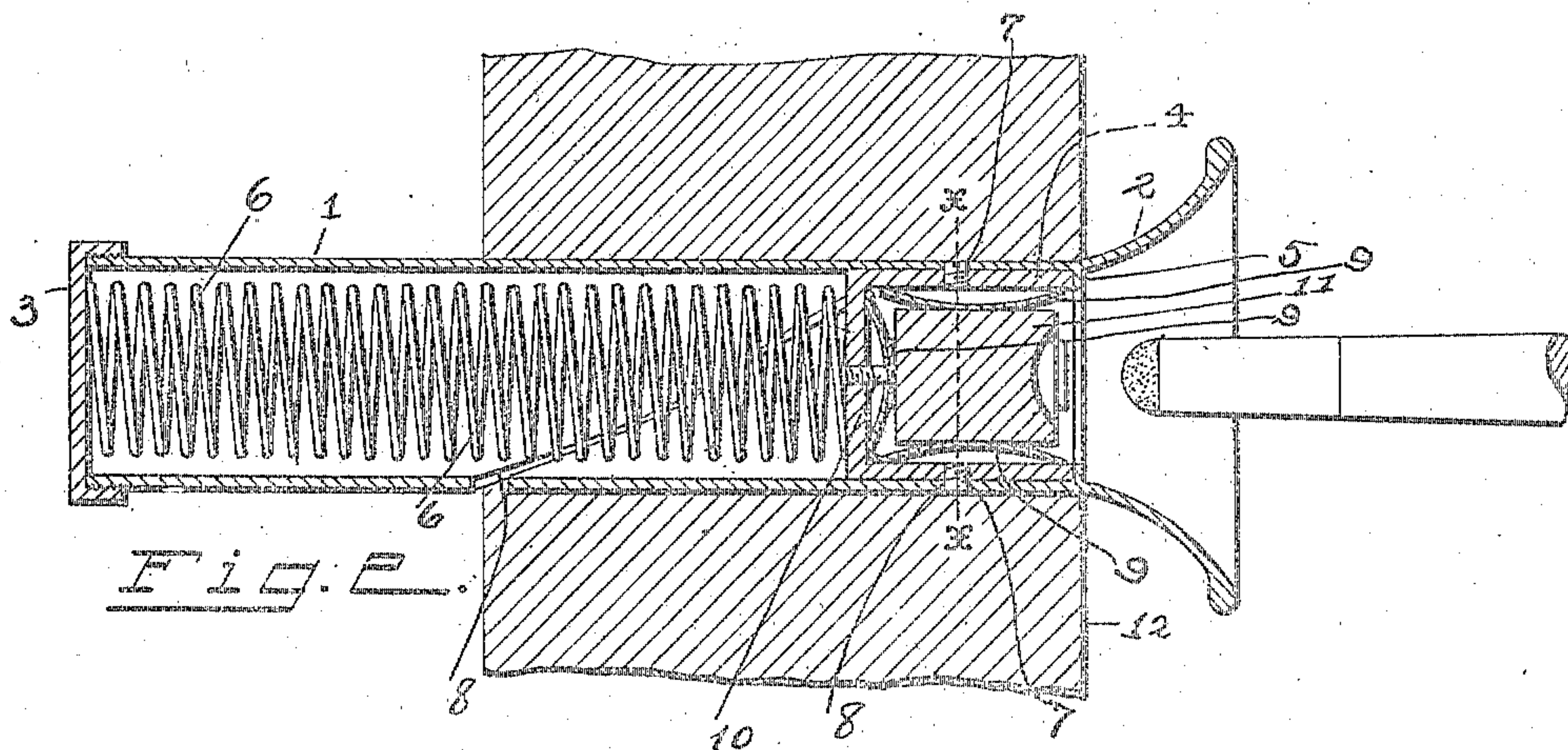
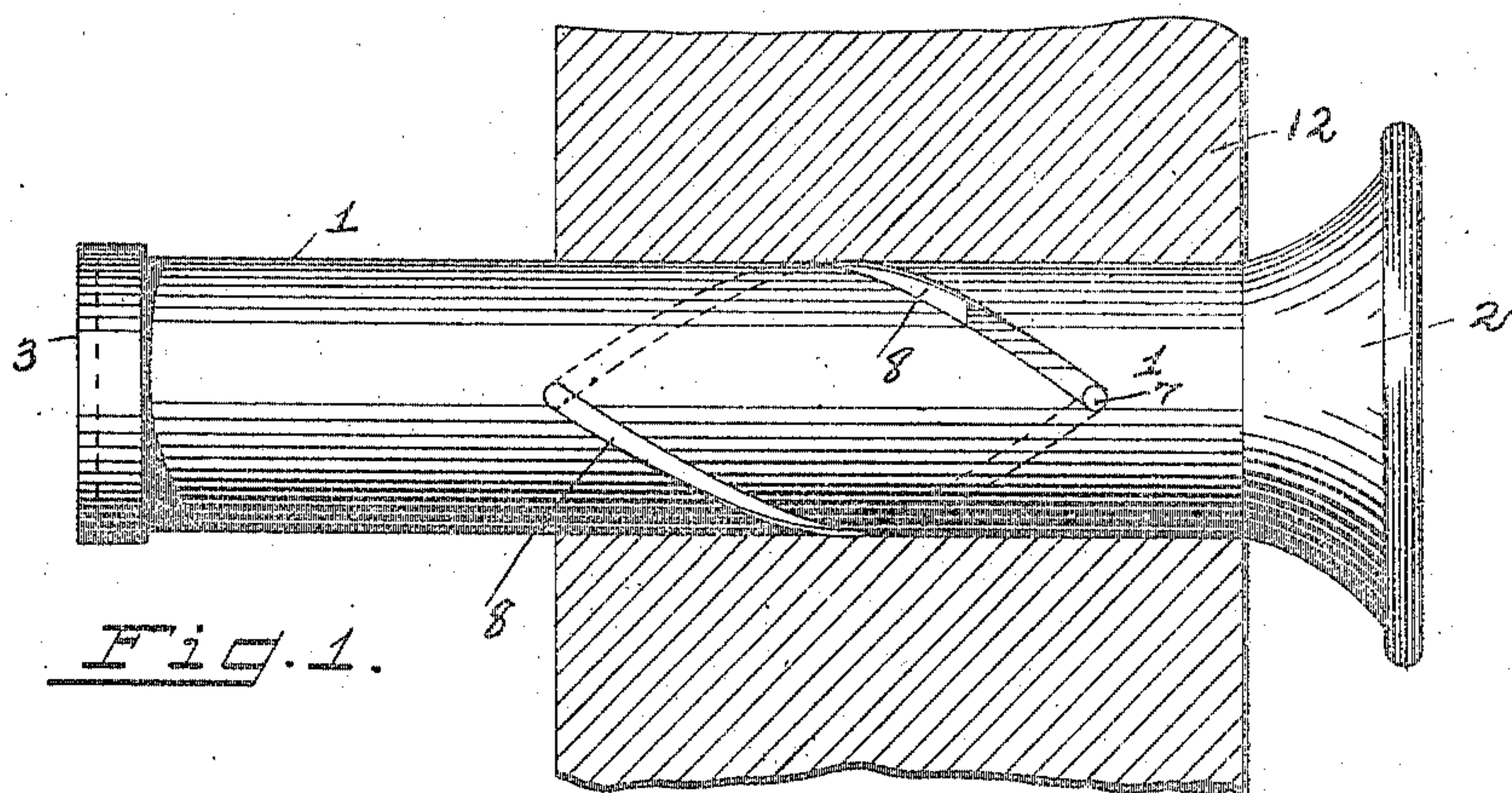


J. C. MORRISON.
BILLIARD CUE CHALKING DEVICE.
APPLICATION FILED SEPT. 27, 1909.

948,114.

Patented Feb. 1, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN C. MORRISON, OF COLUMBUS, OHIO.

BILLIARD-CUE-CHALKING DEVICE.

948,114.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed September 27, 1909. Serial No. 519,761.

To all whom it may concern:

Be it known that I, JOHN C. MORRISON, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Billiard-Cue-Chalking Devices, of which the following is a specification.

My invention relates to the improvement of billiard cue chalking devices of that class which are adapted to be secured in connection with a billiard table or other suitable structure for the support of chalk.

The objects of my invention are to provide a simple and effective device of this class which may be conveniently utilized in coating the tip of a billiard cue with chalk; to so construct my improved chalk holding device as to facilitate the holding of chalk in different forms and of different sizes and to produce other improvements the details of which will be more fully pointed out hereinafter. These objects I accomplish in the manner illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of my improved chalking device, Fig. 2 is a central longitudinal section of the same, and, Fig. 3 is a transverse section on line $x-x$ of Fig. 2.

Similar numerals refer to similar parts throughout the several views.

In carrying out my invention, I employ a cylindrical or tubular body 1 which at one end is formed with a flaring or bell-shaped mouth piece 2. This cylindrical body is preferably of comparatively thin sheet metal and at its rear end is adapted to be closed by a detachable cap 3. Within the tube body 1, I provide a chalk container or cup 4 which fits slidably within said tube. This cup has its outer or open end portion normally contacting with a narrow internal flange or shoulder 5, which is formed with the tubular body 1 at its junction with the flaring mouth portion 2. The cup is thus retained in its outermost position through pressure of a coiled spring 6, which spring is arranged between the inner face of the cap 3 and the inner end of the cup body 4. The cup body is provided with one or more laterally projecting guide pins 7, each of which projects within a slot 8 of helix or spiral form, which is produced in the wall of the tubular body 1.

Inserted within the cup body 4 are two substantially U-shaped spring strips 9, these strips having their inner ends crossing each

other at right angles and each of said strips having its outwardly extending arms and its central or intermediate member bent to the bowed form shown. At the point of crossing of the strips 9, said strips are connected by a screw 10, which screw engages a threaded opening in the inner end of the cup. The arms of these springs are intended, as indicated, to embrace and form a substantially rigid holder for a piece of billiard cue chalk, such as is indicated at 11.

The manner of utilizing my device for the purpose of chalking a billiard cue, consists in inserting the end of the cue into the mouth piece 2 of the tube and with the tip of the cue against the face of the chalk 11. By pressing the cue inward it is obvious that the cup 4 will not only move inward within the tubular body 1, but that said cup will rotate within said tubular body, owing to the engagement of the pins 7 with the slotted openings 8, thus providing a desirable rotation of the chalk body against the tip of the cue. In this manner the tip of a cue may be chalked uniformly and without the necessity of the player handling the chalk.

It is obvious that my improved chalk holding device may be adjusted to hold chalk bodies of different sizes or shapes, by turning the screw 10 inward or outward, it being understood that when said screw is turned inward, the outwardly extending bowed members of the spring strips 9, will be pressed more firmly against the sides of the chalk body.

It will be observed that my improved chalk holding device is of comparatively simple construction and that it may be suitably supported in a portion of a billiard table, such as is indicated at 12, or said device may have attached thereto any ordinary form of attaching bracket whereby it may be secured to the billiard table frame at a suitable incline.

From the foregoing description, it will be seen that simple and efficient means are herein provided for accomplishing the objects of the invention, but while the elements shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its purview such changes as may be made within the scope of the appended claim.

What I claim, is:

In a cue chalking device, the combination with a tubular body 1 having one of its ends open, and a removable cap on its remaining
5 end, of a cup body slidable in said tubular body, a pin projecting from said cup body and engaging a spiral slot in the tubular body, a coiled spring interposed between the end cap and the cup, and crossed spring
10 strips each of a substantially U-shape within said cup, and a screw connecting said crossed spring strips and adjustably engaging an

opening in the cup body, the crossed members of said spring strips being bowed, whereby movement of said screw serves to 15 adjust the tension with which the extremities of said spring strips grip pieces of chalk of varying sizes.

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

JOHN C. MORRISON.

Witnesses:

JOSEPH P. EAGLESON,
A. L. PHELPS.