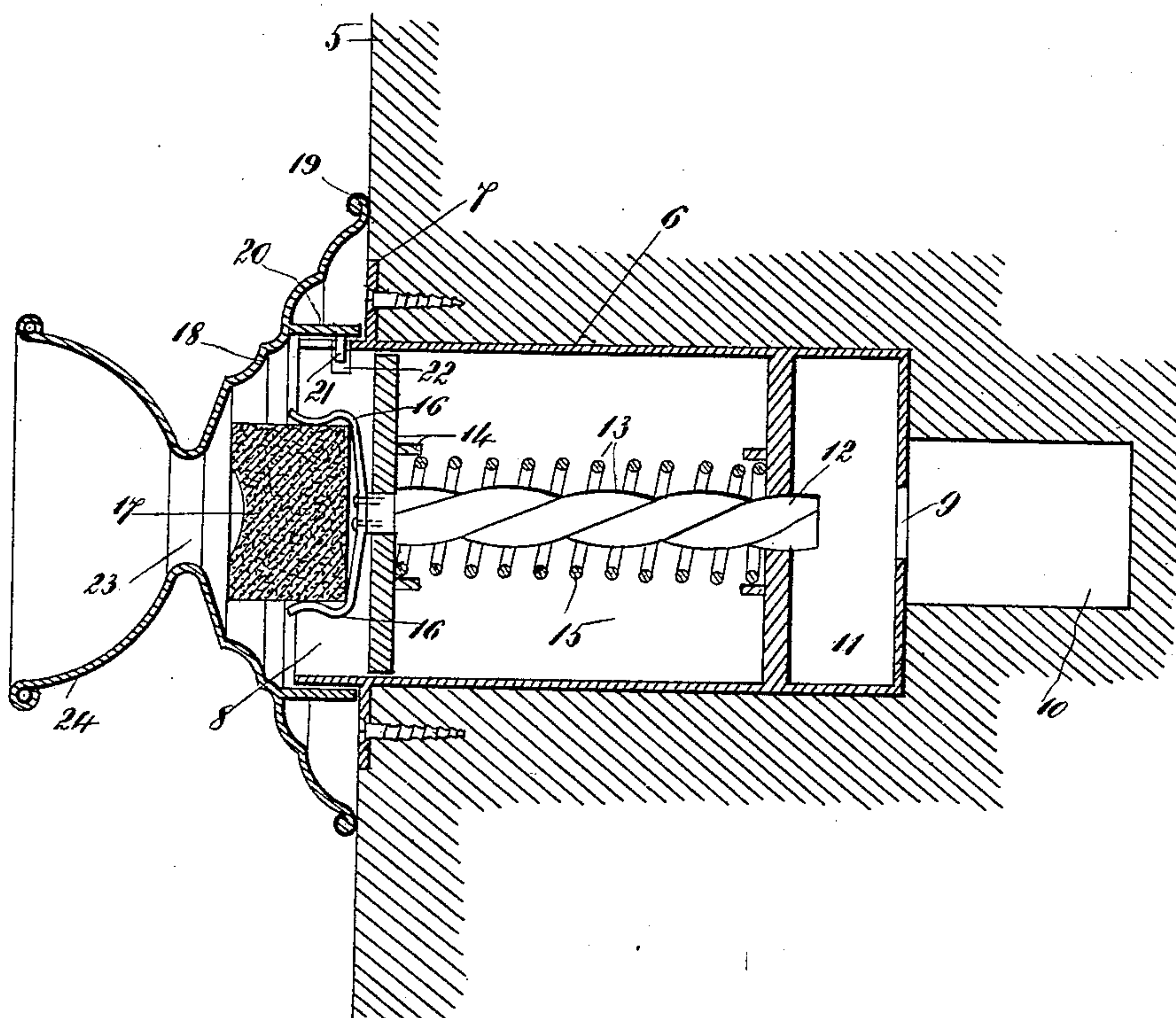


(No Model.)

W. KNOLL.  
DEVICE FOR CHALKING TIPS OF BILLIARD CUES.  
No. 602,541. Patented Apr. 19, 1898.



WITNESS  
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# UNITED STATES PATENT OFFICE.

WILLIAM KNOLL, OF JERSEY CITY, NEW JERSEY.

## DEVICE FOR CHALKING TIPS OF BILLIARD-CUES.

SPECIFICATION forming part of Letters Patent No. 602,541, dated April 19, 1898.

Application filed May 1, 1897. Serial No. 634,737. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM KNOLL, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Devices for Chalking the Tips of Billiard-Cues, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for chalking the tips of billiard-cues; and the object thereof is to provide an improved device of this class which is adapted to be connected with a wall or with any other suitable support.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, said drawing being a central longitudinal section of my improved device for chalking billiard-cues and showing the same countersunk in a wall or other support.

In the drawing forming part of this specification the separate parts of my improvement are designated by the same numerals of reference, and in said drawing I have shown at 5 a section of a wall or other support, and in the practice of my invention I provide a device of the class herein specified which consists of a casing 6, which is adapted to be countersunk in the said wall or support and which is provided with an annular flange or rim 7, by means of which it is secured thereto, and beyond the annular flange or rim 7 said casing is projected to form an extension 8.

The casing 6 and extension 8 thereof are preferably cylindrical in form, and the inner end of the casing 6 is provided centrally with an opening 9, and formed in the wall or support 5 is a chamber 10, which forms a continuation of the chamber in which the casing 6 is mounted.

The casing 6 is provided near its inner end with a partition-plate 11, which is provided centrally with a screw-threaded opening 12, and passing through said screw-threaded opening 12 is a shaft 13, which is provided with a screw-thread of great pitch, and the outer end of which is provided with a piston or head 14, which is secured thereto and in which the said shaft is revoluble and which is adapted to move in the casing 6, and mount-

ed between the piston or head 14 and the partition 11 is a strong spiral spring 15.

The outer end of the shaft 13 is provided with spring arms or holders 16, which are adapted to grasp and hold a piece of chalk, as shown at 17, and I also provide a cap 18 for the outwardly-directed extension 8 of the casing 6.

The base of the cap 18 is adapted to rest upon or come in contact with the wall or other support 5, as shown at 19, and said cap is also provided with an inwardly-directed flange or rim 20, which is provided with a lug or projection 21, which is adapted to operate in connection with a bayonet-slot 22, formed in the extension 8 of the casing 6, and by means of this device the cap 8 is held in place or connected with said casing, and said cap is provided with a central opening 23, through which the end of a billiard-cue or the tip thereof may be passed and around which is formed an outwardly-directed receiver 24, which is cup-shaped in form.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement thereof.

The normal position of the parts is that shown in the drawing, and in order to chalk the tip of a billiard-cue all that is necessary is to insert said tip through the opening 23 and press it upon the chalk 17, and in this operation the shaft 13 will be forced backwardly through the partition 11 and will be rapidly revolved, and the chalk 17 will also be rapidly turned and the tip of the billiard-cue will be thoroughly chalked, and when the billiard-cue is withdrawn the spring 15 operates to return the shaft 13 to the position shown in the drawing.

This device is simple in construction and operation, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a device for chalking the tips of billiard-cues, a casing adapted to be secured to a suitable support, a suitable guide secured to



the outer end of said casing, said casing being provided with a partition arranged between the ends of said casing, having a screw-threaded opening, a screw-rod engaging said opening and provided with a reduced outer end, a spring-clip secured to said end and adapted to receive the chalk, a disk loosely sleeved about the reduced end of the screw-rod and a helical spring coiled about said rod and engaging the said diaphragm and said disk, substantially as described.

2. In a device for chalking the tips of billiard-cues, a casing provided with an annular flange whereby it is adapted to be secured to its support and having an extension beyond said flange, a cup-shaped guide having an inner annular flange adapted to embrace the said extension and secured thereto by a pin-and-slot connection, said casing being

provided with a diaphragm located near the inner end and provided with a screw-threaded opening, a screw-rod engaging said opening and provided with a reduced outer end, a spring-clip secured to said end and adapted to receive the chalk, a disk loosely sleeved about the end of the screw-rod, and a helical spring coiled about said rod and interposed between said disk and the diaphragm, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name; in presence of the subscribing witnesses, this 30th day of April, 1897.

WILLIAM KNOLL.

Witnesses:

A. C. VAN BLARCOM,  
L. MOSES.