

W. F. SECHRIST.
CUE TIP HOLDER.
APPLICATION FILED MAR. 6, 1909.

929,029.

Patented July 27, 1909.

Fig. 1.

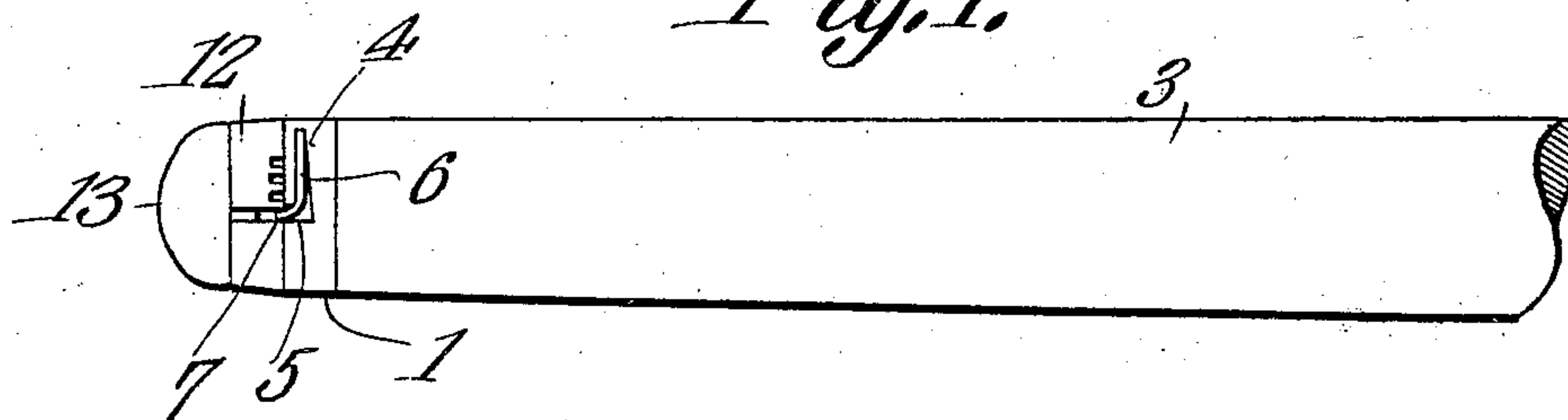


Fig. 2.

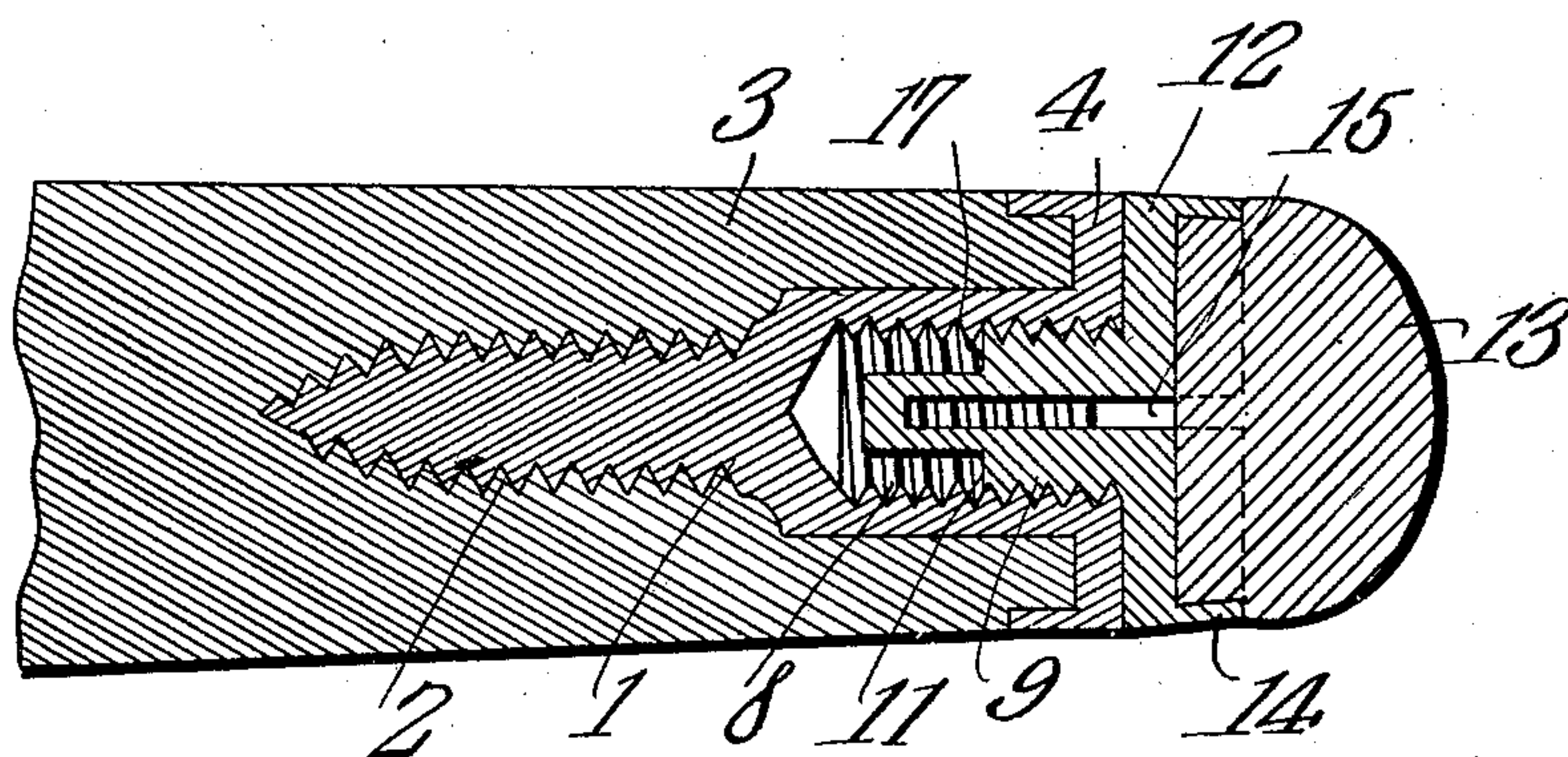
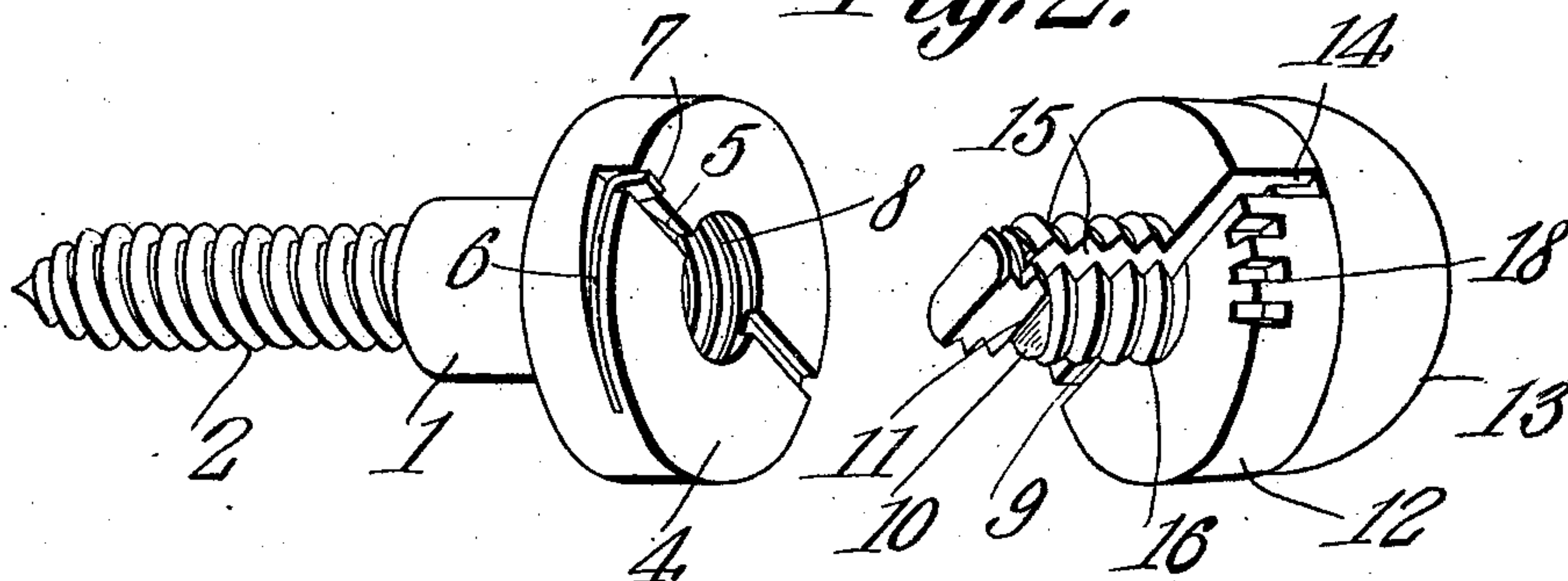


Fig. 3.

Witnesses

E. H. Hewitt
E. Daniels

Inventor

Inventor
William F. Sechrist.

विषय

C. Snow & Co.
Attorneys

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM F. SECHRIST, OF REEDSVILLE, PENNSYLVANIA.

CUE-TIP HOLDER.

No. 929,029.

Specification of Letters Patent.

Patented July 27, 1909.

Application filed March 6, 1909. Serial No. 481,796.

To all whom it may concern:

Be it known that I, WILLIAM F. SECHRIST, a citizen of the United States, residing at Reedsville, in the county of Mifflin and State of Pennsylvania, have invented a new and useful Cue-Tip Holder, of which the following is a specification.

This invention has relation to cue tip holders, and it consists in the novel construction and arrangement of its parts as hereinafter shown and described.

The object of the invention is to provide a simple and effective means for holding a tip in position at the end of a cue, which means does not detract from the resiliency of the tip, nor does it present obstructions at the tip end of the cue to interfere with handling of the same in the course of play.

With the above object in view the tip holder includes a socket adapted to be applied to the tip end of the cue, and which is provided with a spring catch. A tip holder proper is adapted to retain the tip and is provided with means for screw thread engagement with the said socket, and clamping members for holding the tip.

In the accompanying drawings:—Figure 1 is a side elevation of the cue tip holder applied. Fig. 2 is a perspective view of the tip holder detached, with parts thereof disconnected. Fig. 3 is a sectional view of the tip holder and cue.

The tip holder consists of a socket 1, which is provided with an externally threaded shank 2, adapted to be inserted in the tip end of a cue illustrated at 3 in the drawing. The said socket 1 is provided with a head 4, which is adapted to lie against the extremity of the tip end of the cue, and which is provided in its face with a transversely disposed groove 5. A spring catch 6 is inserted in the side of the head 4 and is provided with an angularly disposed extremity 7, which enters one end portion of the groove 5. The member 1 is provided with a concentrically positioned threaded bore 8.

A tip clamp 9 is made of metal, which possesses sufficient resiliency to permit the side portions of the said clamp to approach and move away from each other, and the said clamp consists of the side members 10, which are joined together at the extremity of a shank 11, and which are provided at their opposite ends with table portions 12 upon which the tip 13 may be seated. The

table portions 12 are provided with the intumed shoulders 14, and the incisions 15 separate the table portions 12 and also the side portions of the shank 11 of the clamp 9. The shank 11 is externally threaded as at 16 and is provided, near its lower end, with the undercut shoulders 17.

From the above description it is obvious that by removing the clamp member 9 from the bore of the socket 1, the table portion 12 of the said member 9 may spring apart, so that the tip 13 located thereon may be liberated and another substituted in its stead.

When a new tip has been inserted under the shoulders 14, as above indicated, the shank of the clamp 9 is inserted in the bore 8, and, by turning the said clamp 9, the thread carried at the periphery of the shank 11 will engage the thread in the bore 8, whereby the said shank will be moved longitudinally in the said bore, and at the same time the opposite side portions of the clamp 9 will be brought toward each other, which will have the effect of securely binding or gripping the intumed shoulders 14 of the table portion 12 about the periphery of the tip 13. When the lower faces of the table portions 12 come in contact with the outer face of the head portion 4 of the socket 1, the projecting end portion of the catch 6 will engage that portion of the incision 15 which separates the table portions 12 or one of the serrations 18, provided upon the under side of one of the table portions 12. Thus means is provided for positively locking the clamp member 9 with relation to the socket 1, and when it is desired to remove the said clamp member the catch 6 is swung to one side by inserting the blade of a knife or other implement between the side of the said catch and the side of the recess in which it is located, and moving the angularly disposed end 7 of the said catch away from the serration 18 with which it is in engagement, or the said incision 15 of the member 9. Or the catch 6 may be moved by pressing with the thumb nail against the end of the extremity 7. When this is done it will be observed that the said member 9 is free to rotate, and may be unscrewed from the said socket.

By providing such an arrangement it will be observed that the tip of the cue is held in place by members which grip it at its periphery, and therefore the tip is not held in position upon the end of the cue by a plastic,

which forms a coating along the inner face of the tip and has a tendency to reduce its resiliency. It will also be seen that a device is provided which may be easily and quickly manipulated to renew a cue tip or to substitute, in the place of one tip, a new tip or a different kind of tip to accomplish a particular kind of shot desired.

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

1. A tip holder comprising a socket, a clamp member having a threaded engagement with the socket, a spring catch mounted upon the socket for engagement with the clamp member, to hold the same against rotation, said clamp member having means for gripping a tip.

2. A tip holder comprising a socket for attachment to a cue, a clamp member having side portions separated by an incision, and a threaded shank for engagement with the said socket, said clamp member having inturned shoulders for engagement with the periphery of a tip, and a spring catch upon the socket.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM F. SECHRIST.

Witnesses:

WM. S. SETTLE,
CHARLES M. RIVE.