

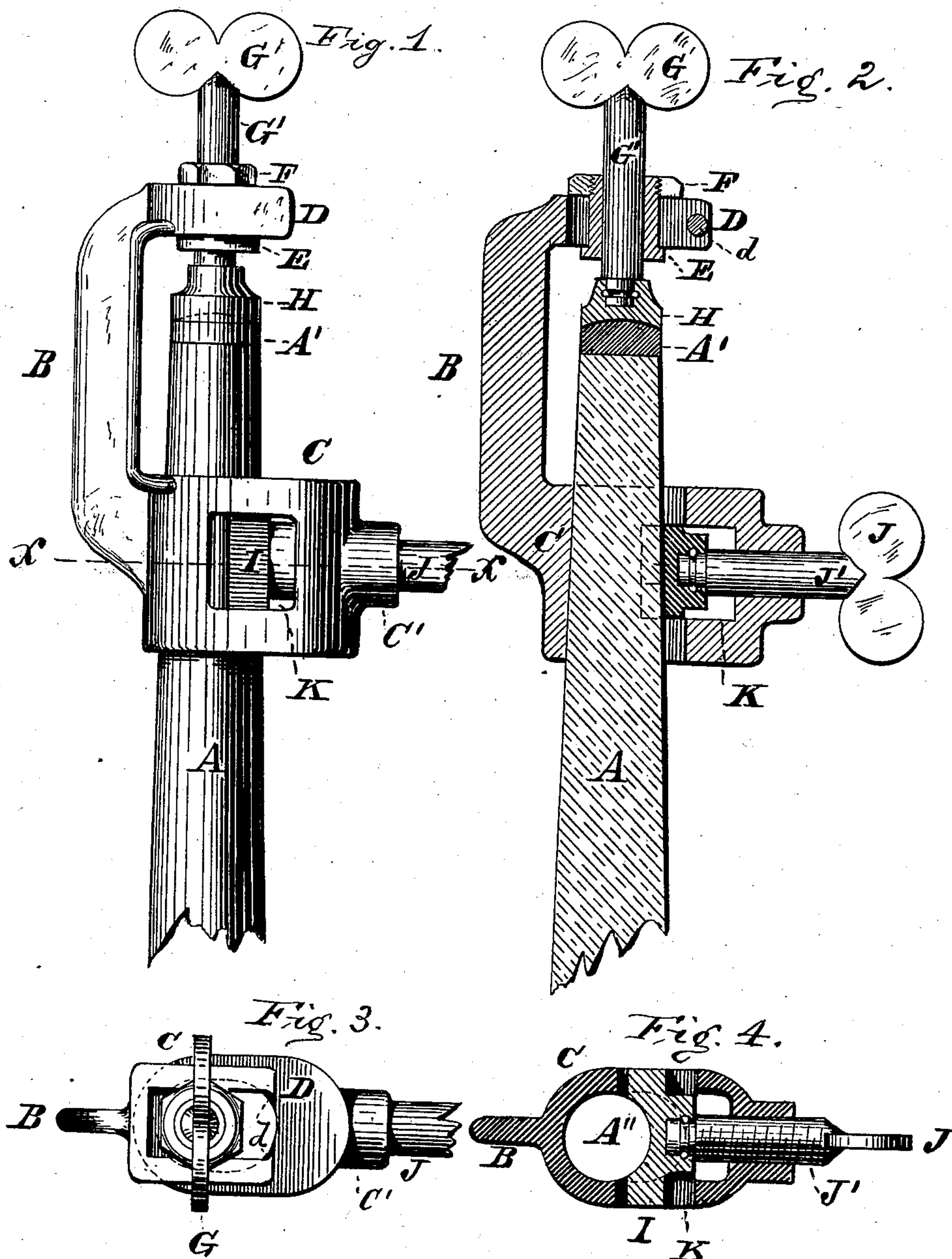
(No Model.)

J. RECKTENWALT.

# CLAMP FOR HOLDING THE TIPS OF BILLIARD CUES.

No. 256,501.

Patented Apr. 18, 1882.



**Witnesses:**

Willie O. Stark.  
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# UNITED STATES PATENT OFFICE.

JOHN RECKTENWALT, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF  
TO JOHN KREITNER, OF SAME PLACE.

## CLAMP FOR HOLDING THE TIPS OF BILLIARD-CUES.

SPECIFICATION forming part of Letters Patent No. 256,501, dated April 18, 1882.

Application filed January 30, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN RECKTENWALT, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements on a Clamp for Holding the Tips of Billiard-Cues; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my present invention is the production of a simple, cheap, and convenient clamp for holding the leather tips of billiard-cues to the wooden stick; and it consists essentially in such novel combination of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claims.

In the drawings already referred to, which serve to illustrate my said invention more fully, Figure 1 is an elevation, and Fig. 2 a sectional elevation, of my improved clamp. Fig. 3 is a plan of the same, and Fig. 4 a sectional plan in line *xx* of Fig. 1.

Like parts are designated by corresponding letters of reference in all the figures.

A in these drawings represents the usual billiard-cue having on its upper end the common leather tip A'. This tip is glued onto the cue A, and to retain the same in position until the cement has thoroughly set and dried I employ a clamp consisting of a socket, C, connected with a bifurcated yoke, D, by means of a T brace or bar, B. In the socket C there is an oblong or circular passage, A'', Fig. 4, and transversely an opening, K. In this opening is located a clamping-plate, I, the front surface of which is concave or curved, so as to fit the external contour of the cue A, and thereby prevent marring the same when in use. This clamping-plate I is swiveled to a fastening-screw, J, in any convenient and suitable manner, said clamping-screw being passed through a boss or hub, C', on the end of the socket C. In the bifurcated part D of this clamp is located a sliding nut, E, for a clamping-screw, G', said clamping-screw being provided with

a swiveling plate or disk, H, the under side of which is concave to correspond with the contour of the cue-tip to be held by said plate. This nut E may be made of one piece, or it may be made in two pieces by providing the upper end of said nut with a screw-thread and applying a nut, F, as clearly shown in Fig. 2. In the bifurcated part D is a stop, *d*, to prevent the nut E and its clamping-screw G' from being withdrawn from said part D.

In operation the clamp, as described, is applied to the upper end of a cue, and securely fastened thereto by turning the clamping-screw J' by the head J in such a direction as to cause the plate I to press upon said cue. Now the leather tip A' is applied to the end of the cue A, and then securely held thereto by causing the swiveled disk H to impinge upon the same with sufficient force applied through the screw G G'.

Billiard-cues vary considerably in size, and to accommodate all the different sizes of the same the opening A'' in the socket C is made large enough to accomplish that object; but since the position of the axial line of the cues varies with their diameter, I have made the upper clamping-screw, G', adjustable, and thereby enable its being always brought in line with said cue.

It will be readily perceived that this clamp (shown in nearly full size in the drawings) is very simple in construction, and can be supplied to the trade at a very low figure. It is not only adapted for use in factories where the manufacture or production of billiard-cues is carried on, but it is also a very convenient and serviceable article for all billiard-table owners, who, with the assistance of a few of the clamps described, can always do their own repairs and retipping, thereby saving a large amount of money otherwise expended for such repairs.

Having thus fully described my invention, I claim as new and desire to secure to me by Letters Patent of the United States—

1. As an improved article of manufacture, a clamp for retaining the tips of billiard-cues in position, said clamp consisting essentially of a socket, C, having the clamping-screw J J' and

plate I, the connecting part B and bifurcated yoke D, provided with an adjustable nut, E, having the clamping-screw G G' and disk H, the whole being constructed and combined, 5 substantially in the manner as and for the use and purpose specified.

2. In billiard-cue clamps, the combination, with the body B, having the socket C, provided with a vertical aperture, A'', and transverse 10 aperture K, and its upper end bifurcated at D, of the sliding nut E, with the adjusting-screw G G' and swiveled disk H, and the adjusting-screw

J J', having a swiveling clamping-plate I, operating in said transverse opening K, the whole being constructed and arranged for operation, 15 substantially as and for the purpose stated.

In testimony that I claim the foregoing as my invention I have hereto set my hand in the presence of two subscribing witnesses.

JOHN RECKTENWALT.

Attest:

MICHAEL J. STARK,  
JOHN C. DUERR.