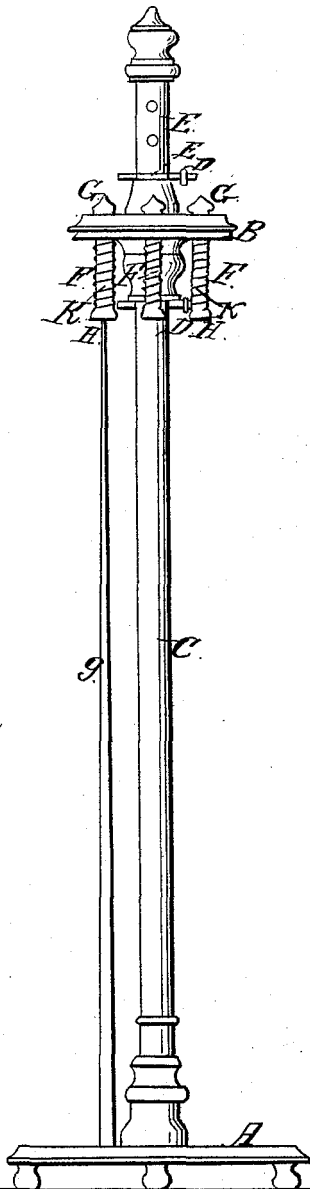


E. Brunswick,

Cue-Tip Fastener,

No 63,465,

Patented Apr. 2, 1867.



Witnesses

*J. B. Furches
J. P. Perry*

*Inventor
E. Brunswick*

United States Patent Office.

E. BRUNSWICK, OF CHICAGO, ILLINOIS.

Letters Patent No. 63,465, dated April 2, 1867.

CLAMP FOR LEATHERING BILLIARD CUES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. BRUNSWICK, of the city of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Clamp for Leathering the Billiard Cues; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, which represent the elevation of the clamp.

The nature of my invention consists in a contrivance to facilitate the operation of putting leather on the points of the billiard cues.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The plates A and B are attached to the shaft C; one of them, A, is stationary, while the other, B, may be shifted up and down on the shaft, and may be made stationary at any desirable height, according to the length of the cues to be leathered, by means of two pins, D D, entering the holes E E made in the shaft C. This upper plate B is provided also with a number of round perforations, into which enter the clamps F F, of a cylindrical form, whose top is formed in a knob, G, and whose bottom is formed in the shape of a cup, H, and around which, below the plate B, a spiral spring, K, is wound; the last arrangement permitting the cylinders to move upwards only under the pressure exercised from below.

The operation of leathering the cues consists in the following: The plate B being set according to the length of the cues to be leathered, a ready-made piece of leather is then glued on the point of a billiard cue, *g*, and this is set under the clamp with its leathered point pressing against the cup H and its but end standing on the plate A. The spiral spring K pressing on the cue's leathered point, keeps the leather in its place until the glue is thoroughly dry and the cue is leathered. The same operation may be repeated with any number of cues in a similar manner, all of them being conveniently leathered in a short time by means of one or several stands of clamps.

What I claim as my invention, and desire to secure by Letters Patent, is—

The clamp to leather the billiard cues, constructed and operating substantially in the manner herein described and specified.

E. BRUNSWICK.

Witnesses:

J. B. TURCHIN,

R. DOERING.