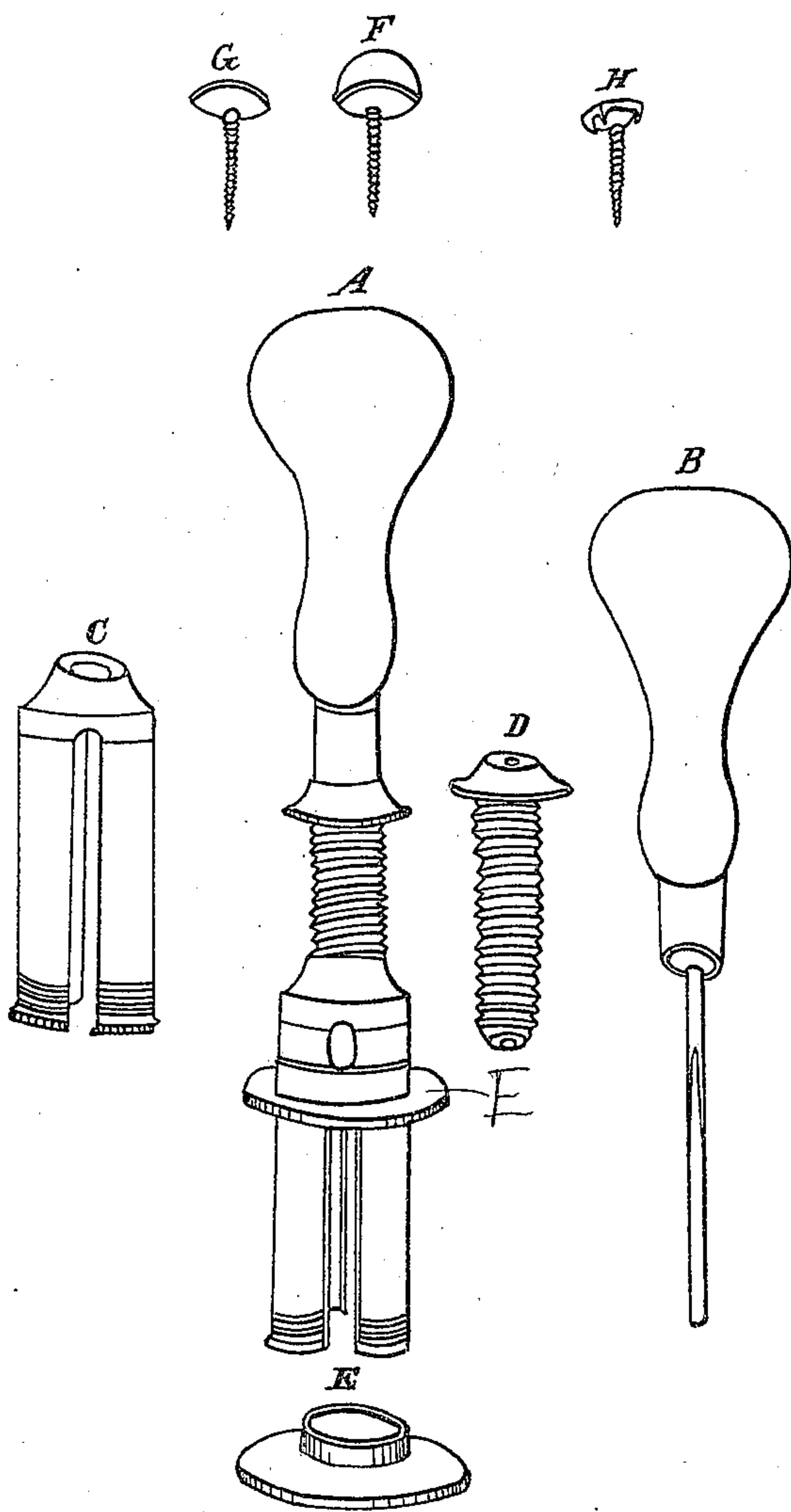


C. Leicht,
Billiard Cue,
N^o 14,964. *Patented May 27, 1856.*



UNITED STATES PATENT OFFICE.

CONRAD LEICHT, OF NEW YORK, N. Y.

BILLIARD-CUE.

Specification forming part of Letters Patent No. 14,964, dated May 27, 1856; Reissued February 23, 1858, No. 531.

To all whom it may concern:

Be it known that I, CONRAD LEICHT, of the city of New York, State of New York, have invented a new and improved mode of 5 manufacturing, producing, and adjusting billiard and other cue tops thereby preventing the same, as heretofore generally the case, from displacing themselves or falling off entirely.

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

Figure A of accompanying drawings represents the machine in all its parts and natural size, with which I adjust said cue tops, 15 the same consists of different parts as following description will show. Fig. C is a brass tube the lower part of which is divided in four equal parts allowing to be expanded 20 or contracted according to the size of the cue to undergo my process.

The contracting of the tube C I produce by sliding the conical tube E toward the lower part of tube C, thereby holding firm, 25 the cue inserted into the tube C. The top of tube C is provided with an opening admitting the screw D, the center of which is provided with an opening forming a center hole through the whole screw.

30 When the cue to be topped is inserted into the tube as above described I screw down the screw D until the same reaches the surface of the cue. When in that position I insert the gimlet B through the opening of 35 screw D until the handle comes in contact with the head of the screw, this being the

required depth required, and thus making all holes uniform into the cue.

The construction of my tops is essentially different from those in use at present, although they do not differ in the material 40 these tops are generally made of. In order to prevent their falling off or displacing themselves, I construct them as follows of two layers of leather, the first one as represented in Fig. G, provided with the small 45 screw H. The four corners of the head of said screw H are bent downward and terminate in sharp points, which by the least pressure enter into the body of the leather. 50 When the first layers of leather is thus provided with the screw H, I then affix the top layer or second part of cue top in any suitable manner or way. The essential difference between my tops and others commonly 55 used is that I affix them to the cues by means of a screw thereby entirely preventing their falling off or of admitting any time to replace said tops at a moment's notice. Fig. F represents a complete cue top as by me 60 used.

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

My mode of providing said cue tops with screws, and adjusting them to the cues in 65 the manner as above substantially described.

CONRAD LEICHT.

Witnesses:

EDMUND STUGERS,
JAMES SHIETS,
WM. SINCLAIR.