(No Model.)

S. CLARE & E. W. SMITH.

BILLIARD CUE CHALKER.

No. 367,364. Patented Aug. 2, 1887.

Fig. 1

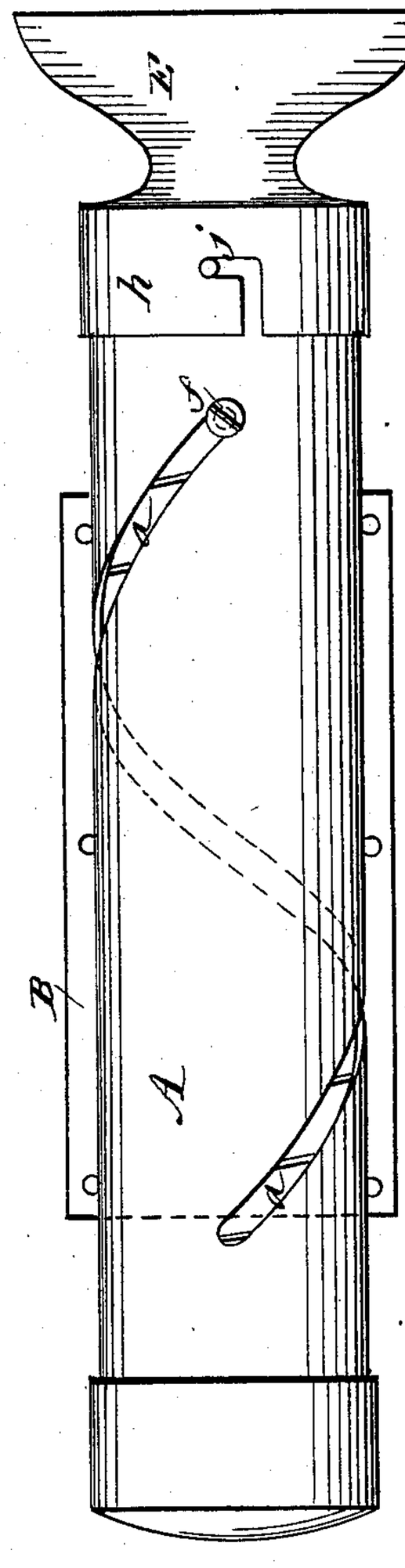


Fig. 2

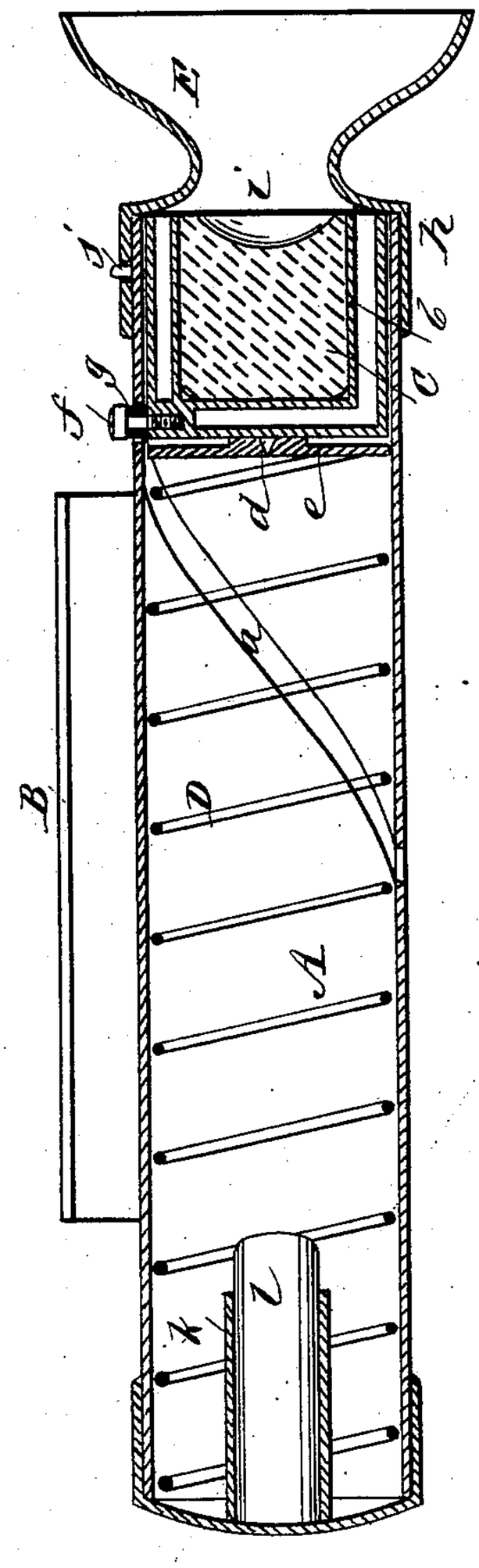
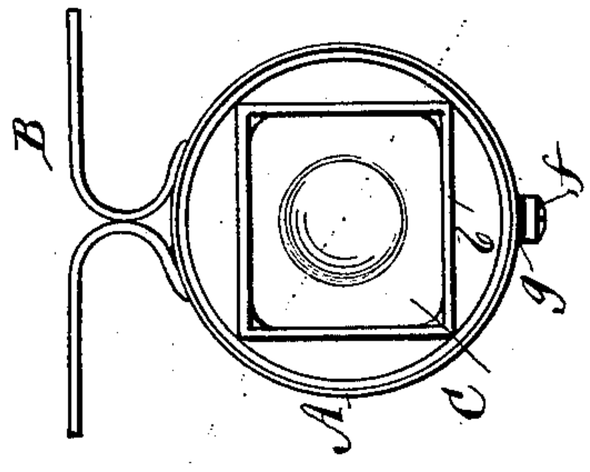


Fig. 3



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SAMUEL CLARE AND EDWARD W. SMITH, OF WINNIPEG, MANITOBA, CANADA.

BILLIARD-CUE CHALKER.

SPECIFICATION forming part of Letters Patent No. 367,364, dated August 2, 1887.

Application filed September 9, 1886. Serial No. 213,110. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL CLARE and EDWARD WARD SMITH, of Winnipeg, county of Selkirk, in the Province of Manitoba, Canada, have invented a new and Improved Billiard-Cue Chalker, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a side elevation of our improved cue-chalker. Fig. 2 is a longitudinal section of the same, and Fig. 3 is a plan view of the chalk-case.

Similar letters of reference indicate corresponding parts in the different views.

The object of our invention is to provide a simple and efficient apparatus for chalking the tips of billiard-cues.

Our invention consists in a spirally-slotted tube provided with a foot for attachment to the billiard-table and containing a cylindrical chalk-case having a stud projecting through the slotted tube and a spiral spring placed between the closed end of the tube and the chalk-case and provided with a plate on which the chalk-case is stepped.

It also further consists in the combination, with the spirally-slotted tube, of a flaring mouth-piece for guiding the tip of the billiard-cue to the center of the chalk contained by the chalk-case.

The tube A, forming the main portion of the chalker, is provided with a foot, B, for attachment to the billiard-table, and has a spiral slot, *a*, which passes once around the tube and extends nearly to the ends thereof. To the tube A is fitted a chalk-case, C, which in the present case consists of a cylindrical cup, *b*, fitted to the tube A, and containing a rectangular cup for holding the chalk. I may make the chalk-holder of a single piece of metal fitted to the tube A, and having in its outer face a rectangular recess for receiving the chalk *c*. The inner or closed end of the chalk-case is provided with a central projection, *d*, which rests in a cavity in the center of the circular plate *e*, secured to the outer end of the spring D. The inner end of the spring rests against the closed end of the tube A. In one side of the case C is inserted a screw, *f*, which projects through the spiral slot *a* of the tube A, and carries a roller, *g*, which fits the spiral slot and is capable of rolling upon the edges of the metal at one side or the other of the slot.

To the open end of the tube A is fitted a collar, *h*, carrying a flaring mouth piece, E, whose central opening, *i*, is a little greater in diameter than the billiard-cue tip. The collar *h* is preferably secured to the tube A by a bayonet-joint, *j*. The tube A being rigidly secured to the billiard-table by screws passing through holes in the foot B into the table, the cue-tip is chalked by inserting it in the flaring mouth-piece E and pushing it against the chalk, so as to cause the chalk-case C to move inward in the tube, and by the engagement of the screw *f* and roller *g* carried thereby with the edges of the metal at the sides of the spiral slot *a* the spring D will be compressed and the chalk-case C will be rotated. As the cue is withdrawn from the chalker, the spring D pushes forward the chalk-case C, and the movement of the screw *f* and roller *g* in the slot *a* causes the chalk-case to revolve in the opposite direction.

To the closed end of the tube is secured a socket, *k*, in which is inserted a rubber buffer-spring, *l*, for arresting the motion of the chalk-case.

The advantages claimed for our improvement are that the cue may be quickly and easily chalked, the chalk-dust is retained by the tube A, the chalk is prevented from chipping and will be economized, the tips are kept round and uniform in shape, and the chalk is prevented from being scattered upon the floor and over the table-top.

We are aware that a chalk-holder has been formed of a tubular casing having its inner end or head provided with a threaded aperture through which the spirally-threaded stem of the chalk-holder passes, a spiral spring being placed around the stem and bearing on the holder and the casing-head to return the holder to its proper position, and we do not claim the same as of our invention.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination, in a cue-chalker, of the spirally-slotted tube A, the chalk-case C, provided with the cup *b* for containing the chalk, and carrying a screw, *f*, and roller *g* in the slot *a*, and a spiral spring, D, adapted to return the chalk-case to the point of starting, substantially as described.

2. The combination, in a cue-chalker, of the spirally-slotted tube A, the chalk-case C, provided with the cup *b* for containing the chalk, and carrying a screw, *f*, and roller *g* in the slot *a*, a spiral spring, D, adapted to return the chalk-case to the point of starting, and the removable flaring mouth-piece E, substantially as described.

3. The combination, in a cue-chalker, of the spirally-slotted tube A, the chalk-case C, provided with the cup *b*, for containing the chalk, and carrying a screw, *f*, and roller *g* in the slot *a*, a spiral spring, D, adapted to return the chalk-case to the point of starting, the removable flaring mouth-piece E, and the buffer *l*, substantially as described.

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