

(Model.)

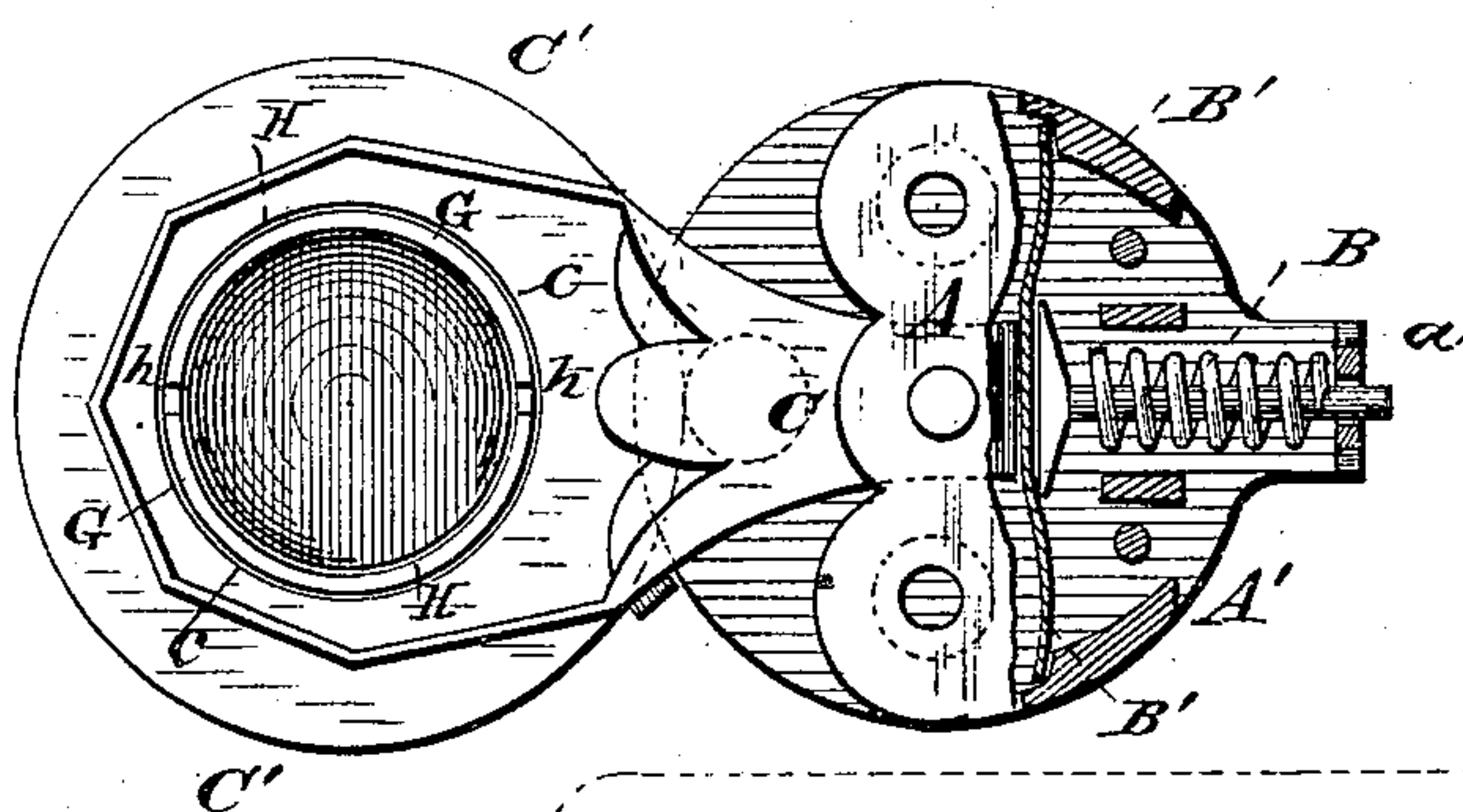
A. N. ROUECH.

CHALK HOLDER.

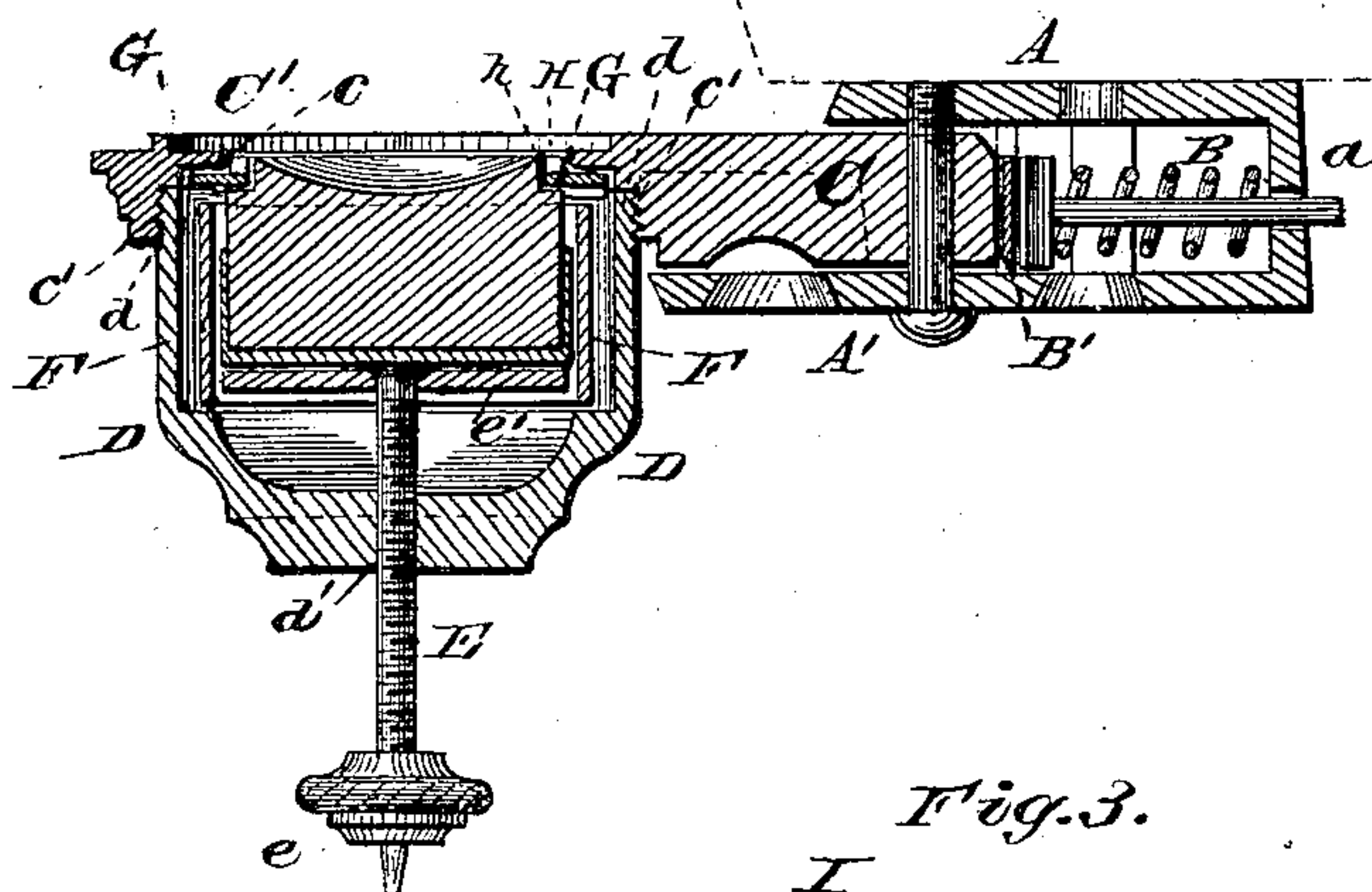
No. 246,913.

Patented Sept. 13, 1881.

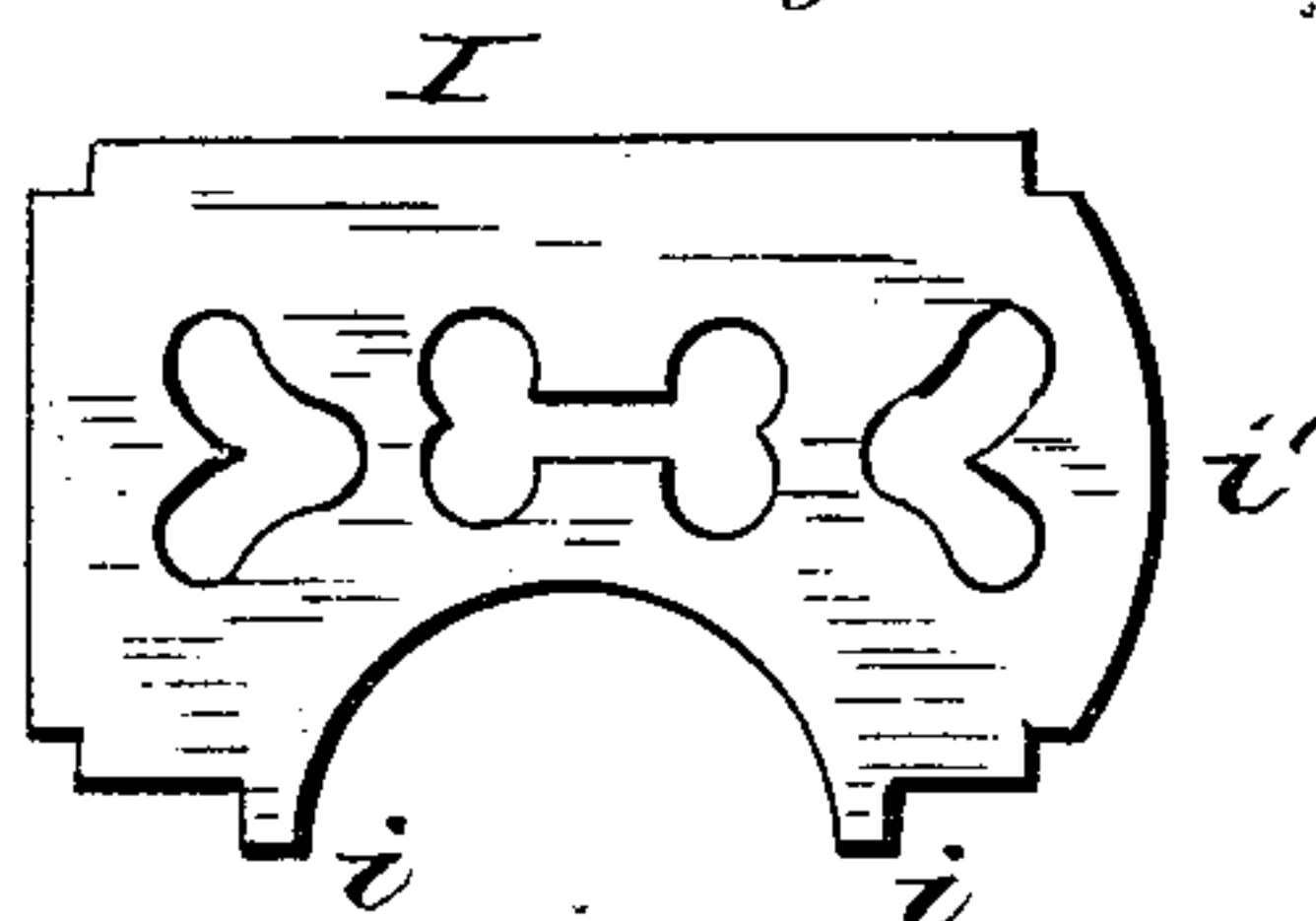
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES

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INVENTOR

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# UNITED STATES PATENT OFFICE.

AZELL N. ROUECH, OF BAY CITY, MICHIGAN.

## CHALK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 246,913, dated September 13, 1881.

Application filed July 9, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, AZELL N. ROUECH, of Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Chalk-Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to a chalk-holder attachment for billiard-tables; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and specifically pointed out in the claims.

In billiard playing much inconvenience is experienced in obtaining a chalk when it is needed, as they are ordinarily placed loosely in the chalk-cup, are removed, and placed upon the table-bar, disfiguring the cushions or falling upon the floor, being trod on and destroyed.

My invention designs overcoming these difficulties; and to this end it consists in holding the chalk securely in the box and feeding it for use, as desired, in a circular form with a concave top surface.

The invention is fully illustrated in the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a top-plan view, broken away to show the spring mechanism; Fig. 2, a vertical central section with the tool in operating position, in dotted lines; Fig. 3 a detail, and Fig. 4 a detail edge view of the serrated ring.

The invention is designed as an improvement upon the patent granted to me December 23, 1879, No. 222,953.

Referring to the drawings, A represents a plate adapted to be screwed under the rail of a billiard-table, and to it is secured a frame, A', having a perforated abutment, a, against which bears a spiral spring, B. This spring B acts with a constant force to hold a plate-spring, B', against the right-angled surfaces of an arm, C, allowing said arm to assume three positions—i. e., open, or projecting from under the rail, and closed under the rail in either direction therefrom to the right or left. This

arm terminates in a circular frame, C', having a central circular aperture, c, and being provided with a female thread, c', which receives the male thread d upon a cup, D, having a threaded perforation, d', in its lower portion, through which operates a threaded rod, E, having upon its lower end a thumb-knob, e, and upon its upper end, inside the cup, is secured a plate, e'. This plate e' operates loosely in a chalk-box, F, of a square form and slightly larger than the chalk, in which the chalk is placed before the cup is screwed in place.

G represents a serrated ring, and formed in one piece therewith is an annular flange, H, having recesses h opposite each other, as shown, to receive the projections i formed upon the key I. By means of this key the ring G H is turned around and the serrations grind down the chalk into a circular body which will pass upward flush with the face of the frame. The end i' of the key I is then employed to form the upper surface of the chalk-concave.

The essential feature of this invention lies in the serrated ring G, as shown in Fig. 4.

The key is adapted to be kept in the possession of an attendant, and need only be used once a day, when all the chinks are put in proper condition for service. The chalk is always in place and none is wasted, lost, or stolen.

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

1. The serrated ring G, having flange H, combined with the cup D and means for elevating the chalk at will, the said ring serving to round the chalk, as specified.

2. The combination of the frames A B C, cup D, screw-rod E, and chalk-block F, with the serrated ring G H, for rounding the chalk, and the key I i i', for operating the same, as and for the purposes set forth.

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

AZELL N. ROUECH.

Witnesses:

FRED. T. SIMON,  
JOHN S. PETHRICK.