

S. MAY.

BILLIARD TABLE LEVELERS.

No. 180,251.

Patented July 25, 1876.

Fig. 1

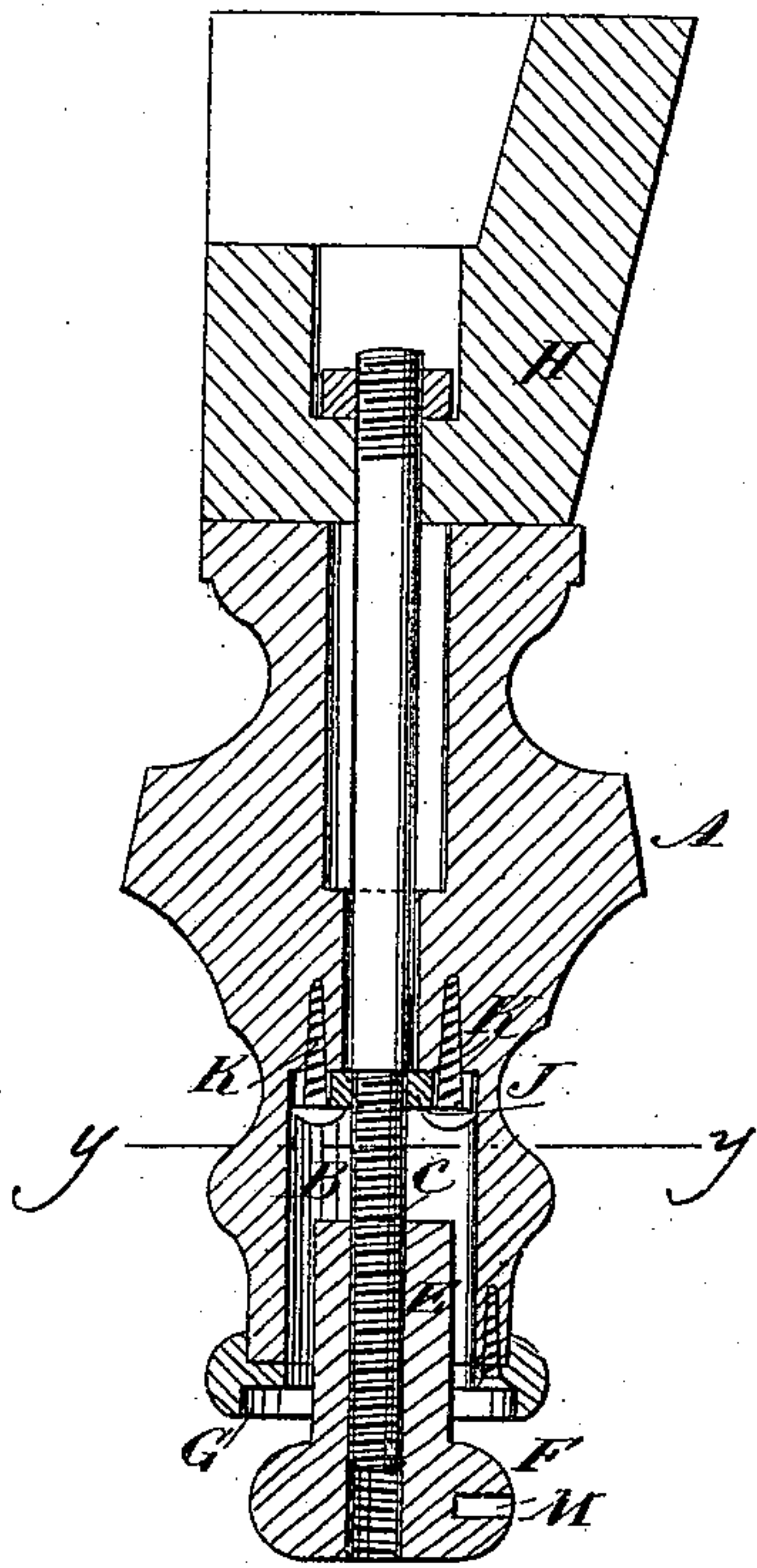


Fig. 3

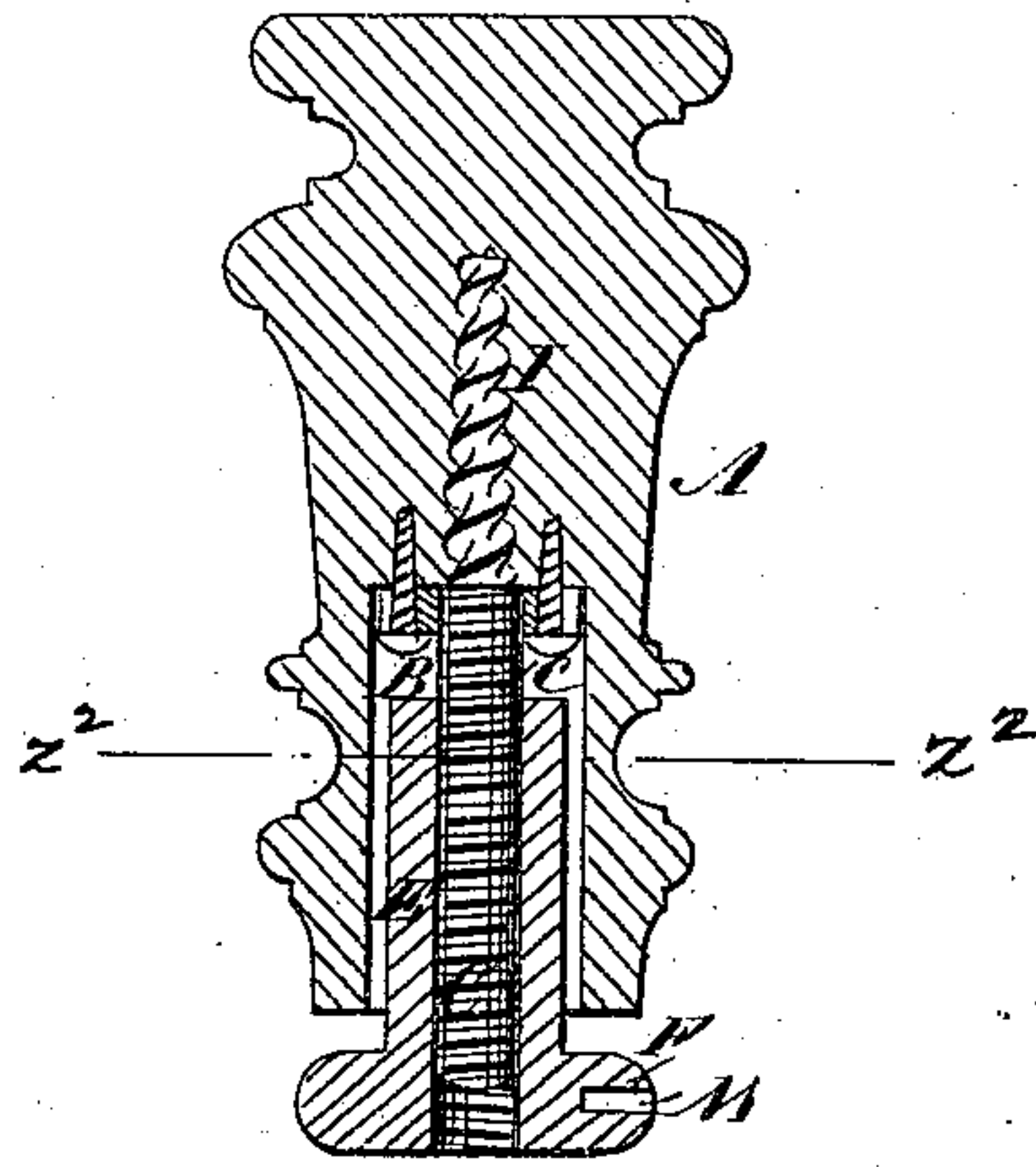


Fig. 4

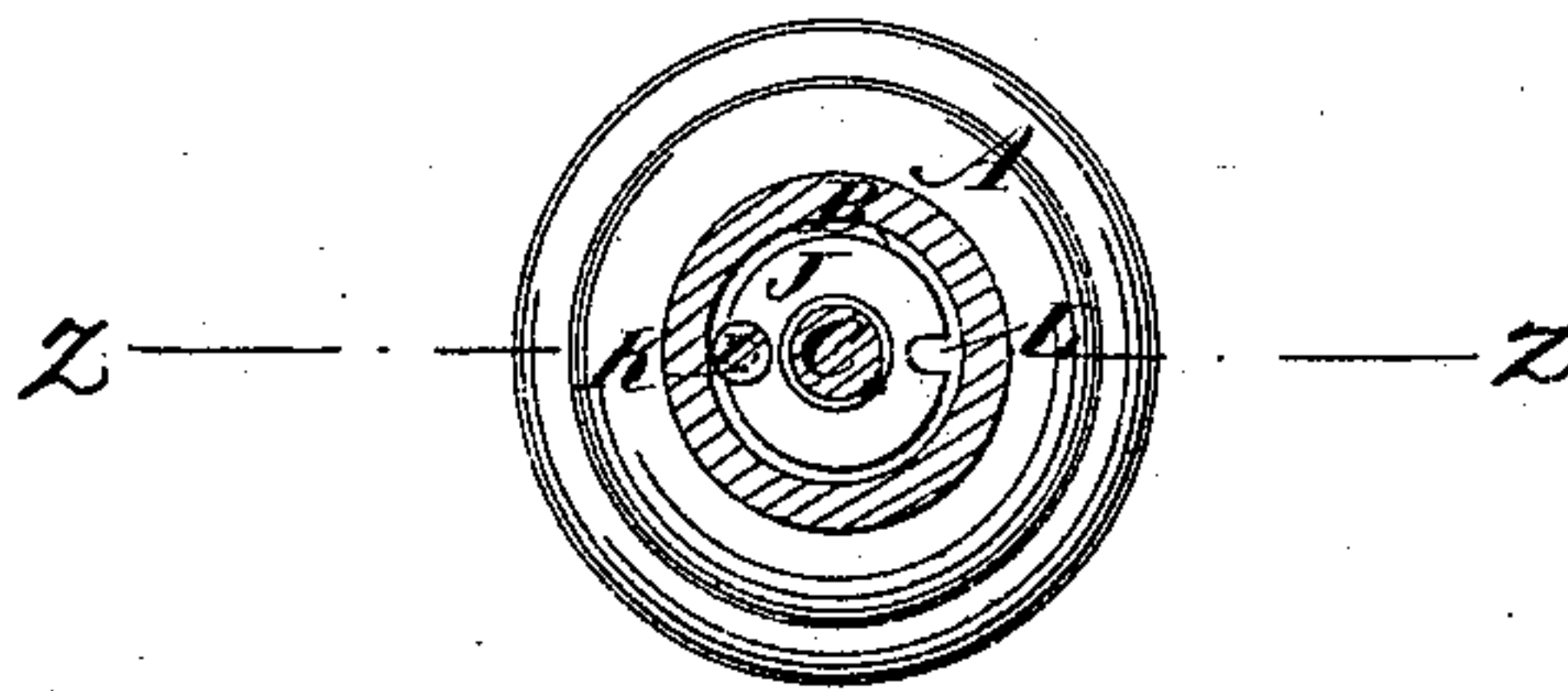
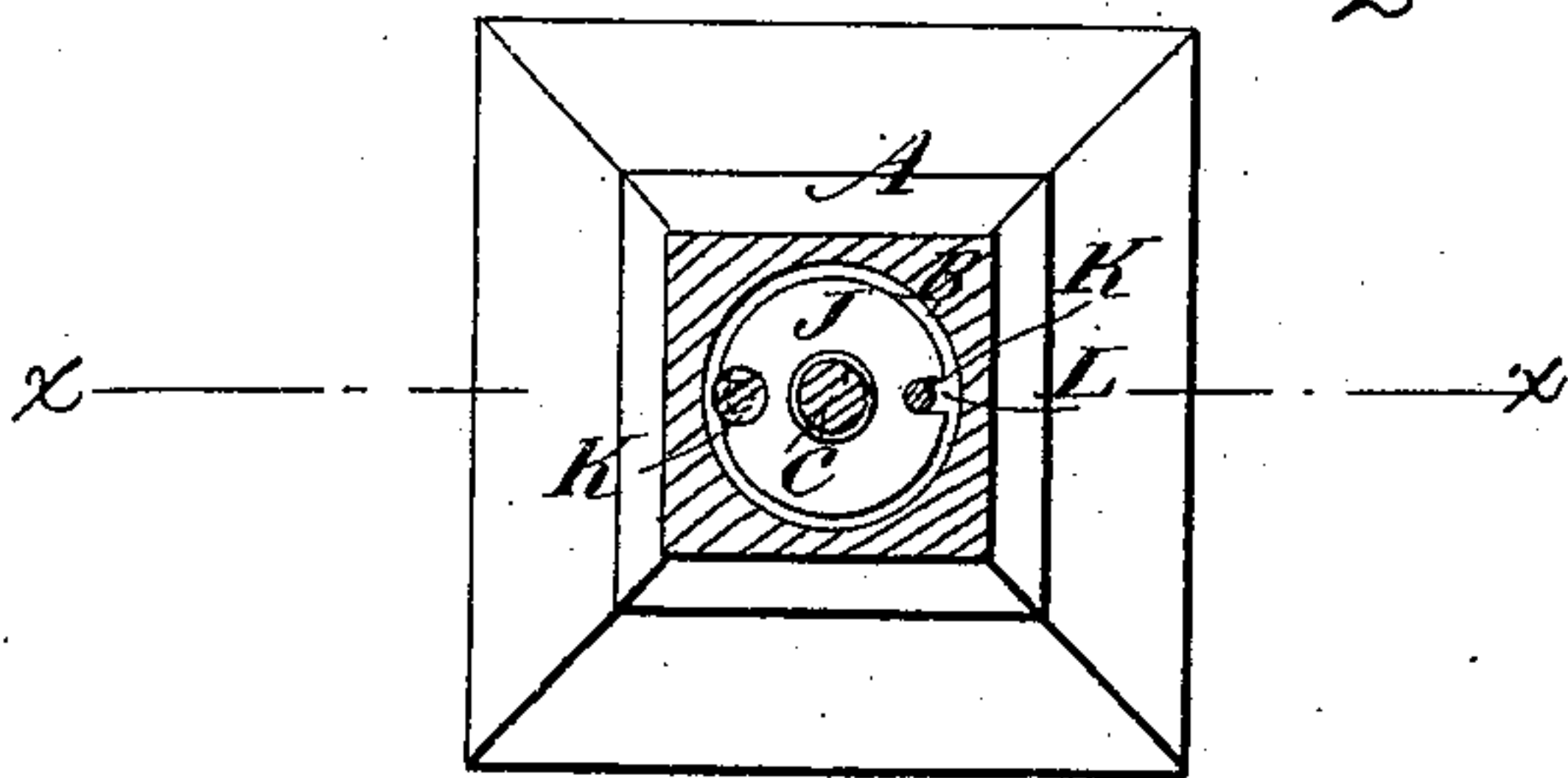


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

SAMUEL MAY, OF TORONTO, ONTARIO, CANADA.

IMPROVEMENT IN BILLIARD-TABLE LEVELERS.

Specification forming part of Letters Patent No. **180,251**, dated July 25, 1876; application filed May 9, 1876.

To all whom it may concern:

Be it known that I, SAMUEL MAY, of Toronto, Canada, have invented a new and Improved Billiard-Table Leveler, of which the following is a specification:

My invention consists of a long nut with an enlarged head at the lower end screwing on a rod projecting from the bottom of a socket in the end of the leg, in which the nut works so as to conceal the screw-rod, the said rod being either a short one, screwing into the leg at the bottom of the socket, or being formed on the rod used to screw the leg to the table, and in both cases having a collar screwing against the bottom of the socket, and being further secured by wood-screws screwing into the wood through notches in the edges of the collar. The contrivance is simple, substantial, and neat, presenting a much better and more finished appearance than the ordinary billiard-table levelers.

Figure 1 is a sectional elevation of a leg having my improved leveling attachment; also a part of the table, the section being taken on the line *x x*, Fig. 2. Fig. 2 is a horizontal section taken on the line *y y* of Fig. 1. Fig. 3 is a section of a leg, showing the arrangement of the short bolt for attaching the leveler, the section being taken on the line *z z*, Fig. 4; and Fig. 4 is a horizontal section taken on line *z² z²* of Fig. 3.

A is the leg, in the lower end of which is a deep socket, B, with a screw-threaded rod, C, projecting from the bottom of the socket to the end of the leg, more or less, and having the long nut E screwing on it into the socket. The nut has a long oval head, F, and the leg has preferably a metal cap with a flange, G,

projecting downward to conceal the nut and the upper side of the head, and thus make a neater finish; but the cap may be omitted, as in Fig. 3, if preferred, as the character of the nut will be so concealed by the overhanging end of the leg, as in most cases, to appear like an ornamental foot for the leg.

In Fig. 1 the rod is represented as extending up through the leg into the tube-frame H and bolting the leg fast thereto; but in Fig. 2 it is only a short bolt, having a wood-screw, I, formed on the upper end to screw into the wood. J is a collar screwed or otherwise fastened on the rod C at the point where it rests against the bottom of the socket when the bolt is screwed home, and being fastened by the wood-screws K, screwing into the leg through the notches L for the wrench, by which the collar is screwed up. The nut E F is adjusted by a pin put in its hole *m* for screwing it up and down on the screw. The contrivance is also adapted for pianos and other articles of furniture.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with billiard-table leg having socket B and the flanged cap G, of the long nut E, screwing on bolt up into the socket B, the bolt being extended entirely through and into the body of the table, and having the head F, substantially as shown and described, for the purpose specified.

SAMUEL MAY.

Witnesses:

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