

L. DECKER.

Cushion for Billiard Tables.

No. 60,657.

Patented Dec. 18, 1866.

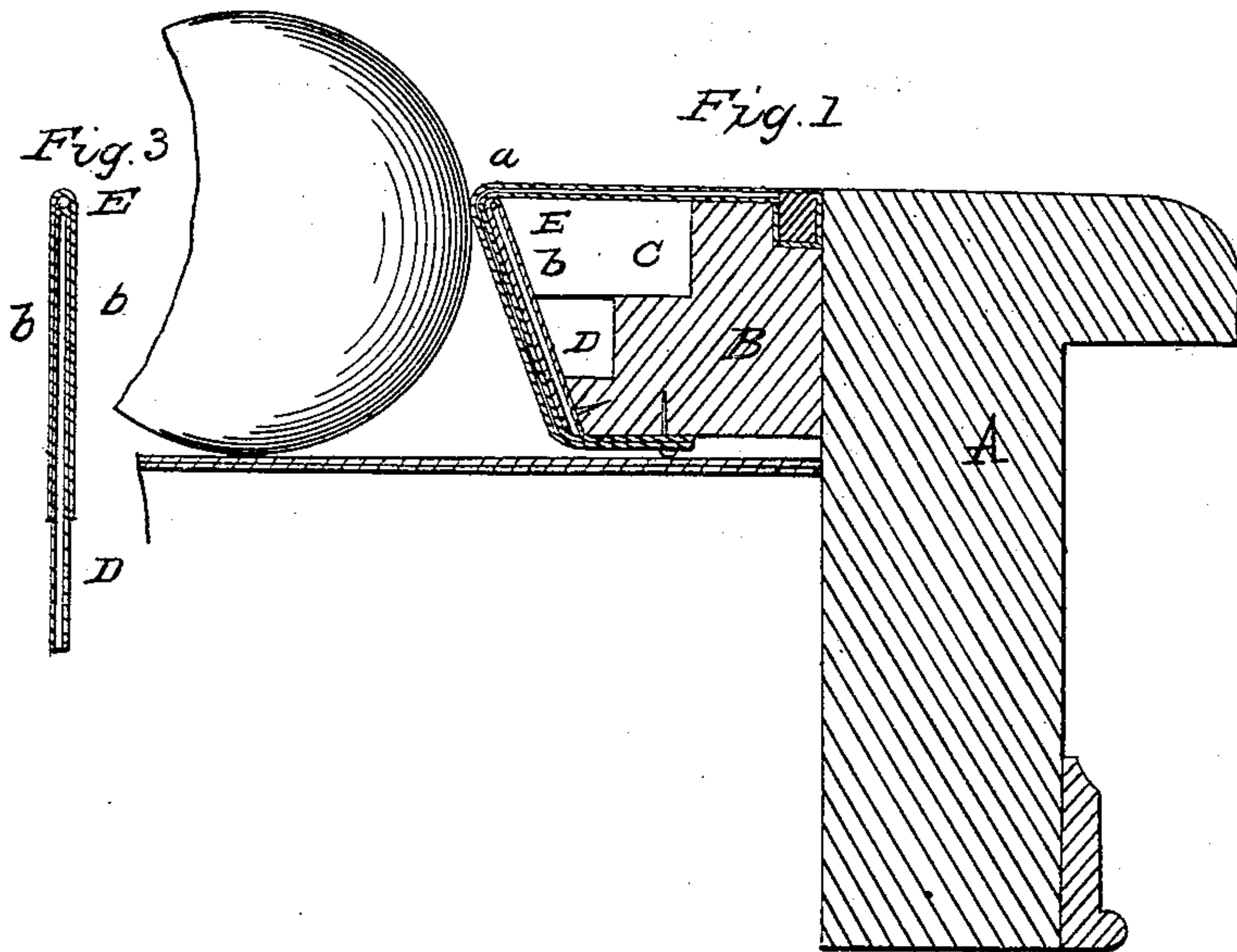
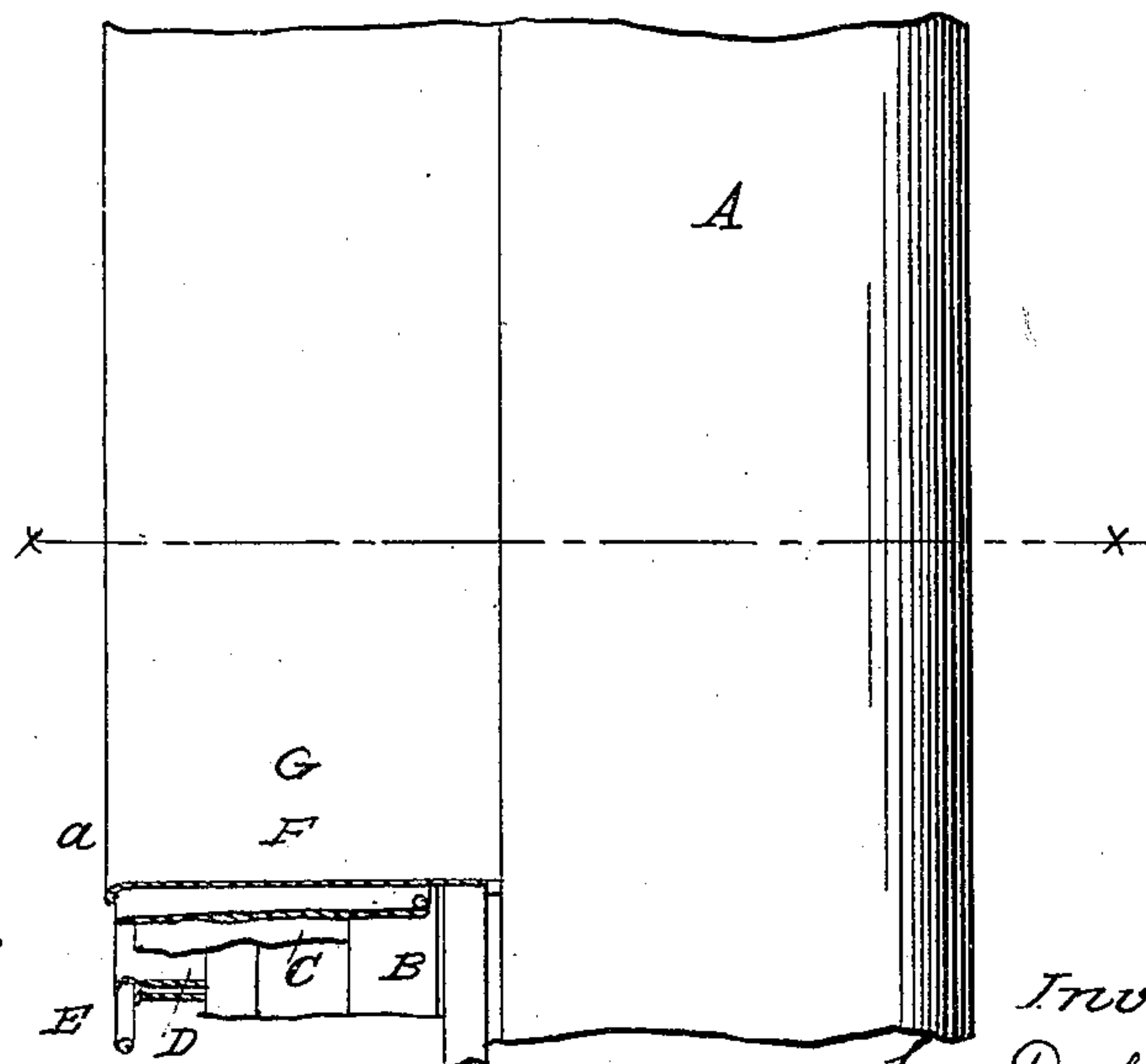


Fig. 2



Witnesses
Wm. H. Brown
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United States Patent Office.

IMPROVEMENT IN CUSHIONS FOR BILLIARD TABLES.

LEVI DECKER, OF NEW YORK, N. Y.

Letters Patent No. 60,657, dated December 18, 1866.

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, LEVI DECKER, of the city, county, and State of New York, have invented a new and useful Improvement in Cushions for Billiard Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a transverse vertical section of my invention, taken in the line *x x*, fig. 2.

Figure 2, a plan or top view of the same.

Figure 3, a detached view of a part pertaining to the same.

Similar letters of reference indicate corresponding parts.

This invention is designed to obviate the difficulty attending the yielding or giving way, under the impact of the ball, of the upper edge and sharp angle of the India-rubber elastic cushion now applied to billiard tables, which frequently causes the ball to pass over the cushion. These India-rubber cushions are preferable to all others, and are applied by the best manufacturers of billiard tables, most of whom have devised a method for giving a certain degree of rigidity or stiffness to the angle or upper edge of the cushion, without impairing or injuring its elasticity, as regards the effect upon the ball. Some of these plans have been partially successful, but none wholly so. My invention, it is believed, may be applied at a less cost than any other, and fully obviate the difficulty above alluded to. The invention consists in applying a cord to the upper angle of the cushion, substantially as hereinafter set forth.

A represents a portion of one side of a billiard table, B the strip or cleat attached to the inner surface of the upper part of the same, and C the India-rubber strip which forms the body of the cushion, attached to B, and having its face side bevelled or inclined, as shown clearly in fig. 1. D is a strip of elastic cloth, which is cemented to the face side of the India-rubber strip C, and attached at its lower edge to the lower part of B. This strip D is designed to support the upper edge, *a*, of C, and prevent it from yielding or giving way under the impact of the ball, it being understood that the ball only comes in contact with the cushion at *a*, the bevel or inclination being given the face of the cushion in order that all other parts of it will be kept clear of the ball. E represents a cord of catgut or other suitable material, which is applied to the edge or angle *a* of the cushion, by enclosing it in a strip of cloth, *b*, glued or cemented to the elastic strip D, (see figs. 1 and 3.) This cord is, of course, attached to D before the latter is secured to the cushion and cleat, and the upper part of the India-rubber cushion C, the cord E, and elastic strip D are covered by a cloth F, and the whole covered by the usual green cloth G. The cord E performs two very important functions, to wit: it gives stiffness to the angle *a* of the cushion, so that it cannot yield or give way under the impact of the ball, to allow the latter to pass over it, and it also gives prominency to said angle, so as to present, under the yielding of the cushion, a stiff, narrow line to the ball, obviating much friction, so as not to impede the motion of the latter, and still not interfering in the least with the elastic effect of the cushion upon the ball.

I do not claim the elastic cloth D, applied to the cushion C, for that has been previously used; but I do claim as new, and desire to secure by Letters Patent—

The cord E, employed in combination with the elastic strip D, and cushion C, in the manner and for the purposes specified.

LEVI DECKER,

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF.