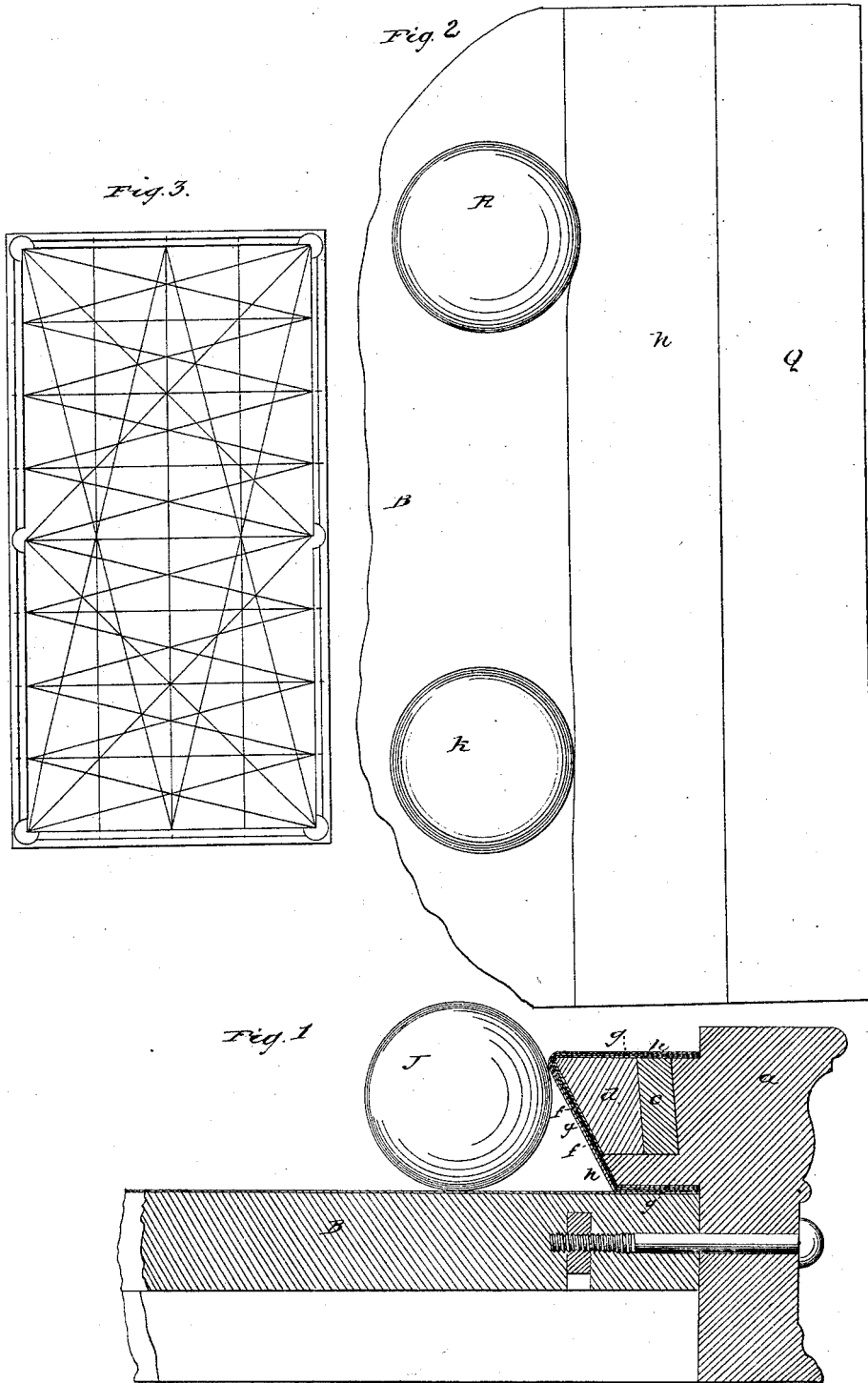


J. M. Brunswick,

Billiard Cushion,

No. 18,799,

Patented Dec. 8, 1857.



UNITED STATES PATENT OFFICE.

JOHN M. BRUNSWICK, OF CINCINNATI, OHIO.

BILLIARD-TABLE CUSHION.

Specification forming part of Letters Patent No. 18,799, dated December 8, 1857; Reissued July 12, 1859, No. 754.

To all whom it may concern:

Be it known that I, JOHN M. BRUNSWICK, of the city of Cincinnati, county of Hamilton, and State of Ohio, have invented a new and useful Improvement in the Cushions of Billiard-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and made to form part of this specification.

Similar letters refer to like parts of the improvement.

I am aware that rubber, cork, and leather have been used in forming cushions for billiard tables, and though they partially accomplish the object aimed at, yet they do not entirely do so, owing to the nature and natural product of the articles used and to the order of their arrangement in relation to the rubber. I make no claim to the combined use of the three materials mentioned, nor to their arrangement as heretofore used, my materials and arrangement of them being different, as herein stated.

The object of my invention is to preserve the reacting properties of the rubber, but at the same time to prevent any abrupt or acute impression or depression therein that would cause the ball to leave the cushion at an angle different from that at which it approached it, and as consequent upon preserving the reacting property of the rubber, the placing of cork between it and the rail, to prevent the latter from injuring the rubber, or making any unpleasant sound.

The nature of my invention therefore consists in the use of cork, rubber, paste board, and leather, for forming the body of the cushion when used in the order enumerated from the rail to the face of the cushion.

To enable others skilled in the art to make

and use my improvement, I will proceed to describe its construction and operation, by referring direct to the accompanying drawings, of which—

Figure 1 represents a transverse sectional view of a rail of a billiard table with the improved cushion attached; also showing part of the table and a ball. Fig. 2 is a top view of a portion of the rail provided with a cushion and part of the table and two balls; and Fig. 3 is a top view of a billiard table.

a represents the rail attached to the table B as usual by means of screw bolts as represented in Fig. 1; and the portion of the rail (*a*) that rests on the table is angled out as usual in which angle the cork wood (*c*) and rubber (*d*) is placed, and (*f f*) is a piece of paper paste-board attached to the face of the rubber cushion (*d*) and *g, g*, is a piece of leather drawn tight around the rubber furnished with paste board and cork wood (*c*) and tacked to the rail for compressing and holding the rubber and cork wood firmly to its place in the rail, and *h, h*, is a cover of cloth over the leather for protecting it, as is commonly used on all cushions.

Having thus fully described the nature and object of my invention, I would state that I am aware that rubber, cork, and leather have been used in forming a cushion. This I do not claim. But

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

The combined use of cork, rubber, paste board, and leather, when used in the order herein enumerated, by which means I produce a better cushion as herein set forth.

JOHN M. BRUNSWICK.

Witnesses:

M. BENSON,
CHARLES H. FOX.