

No. 624,104.

Patented May 2, 1899.

M. C. RYAN.  
DUPLICATE WHIST BOARD.

(Application filed May 2, 1898.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1

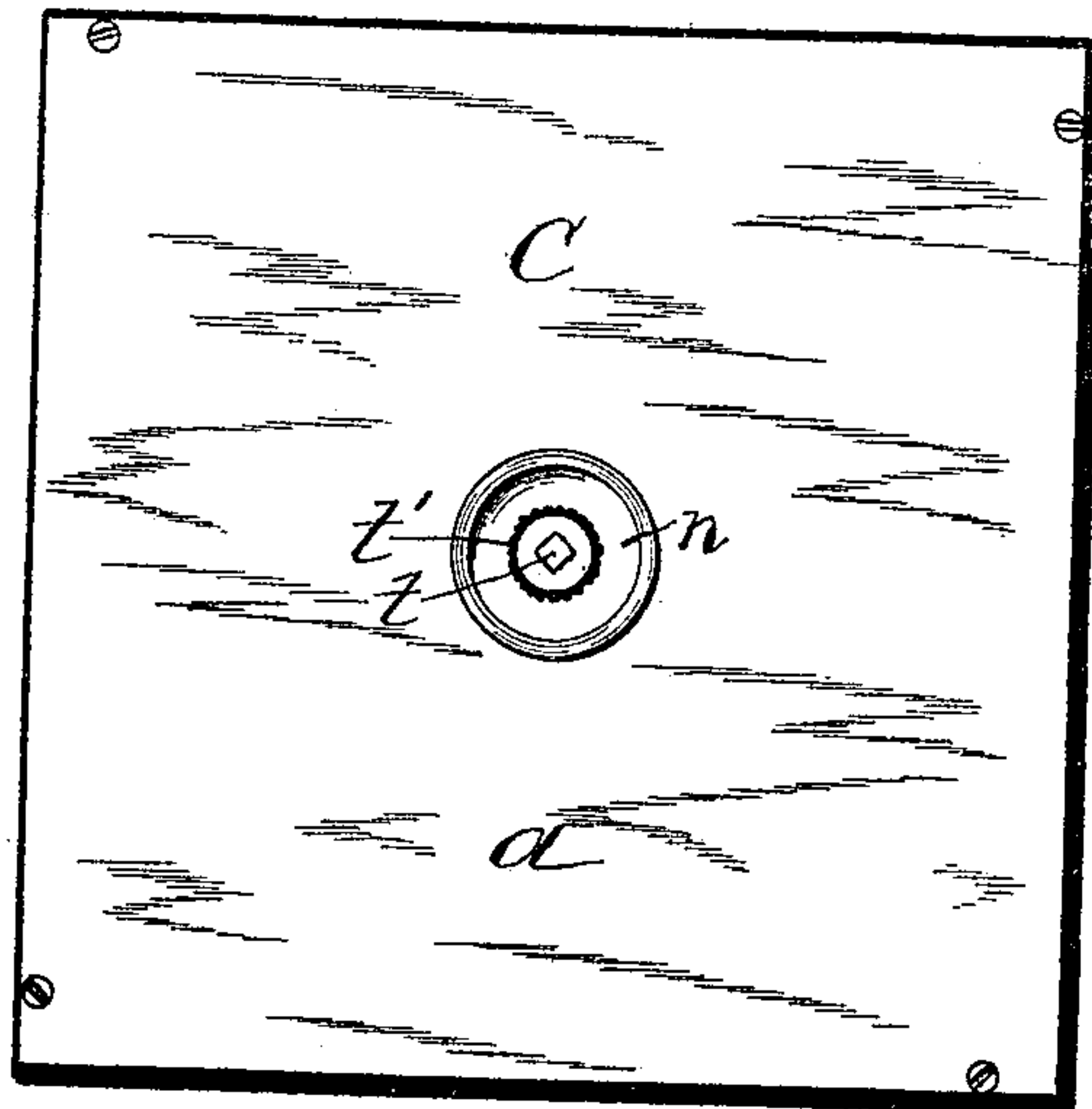
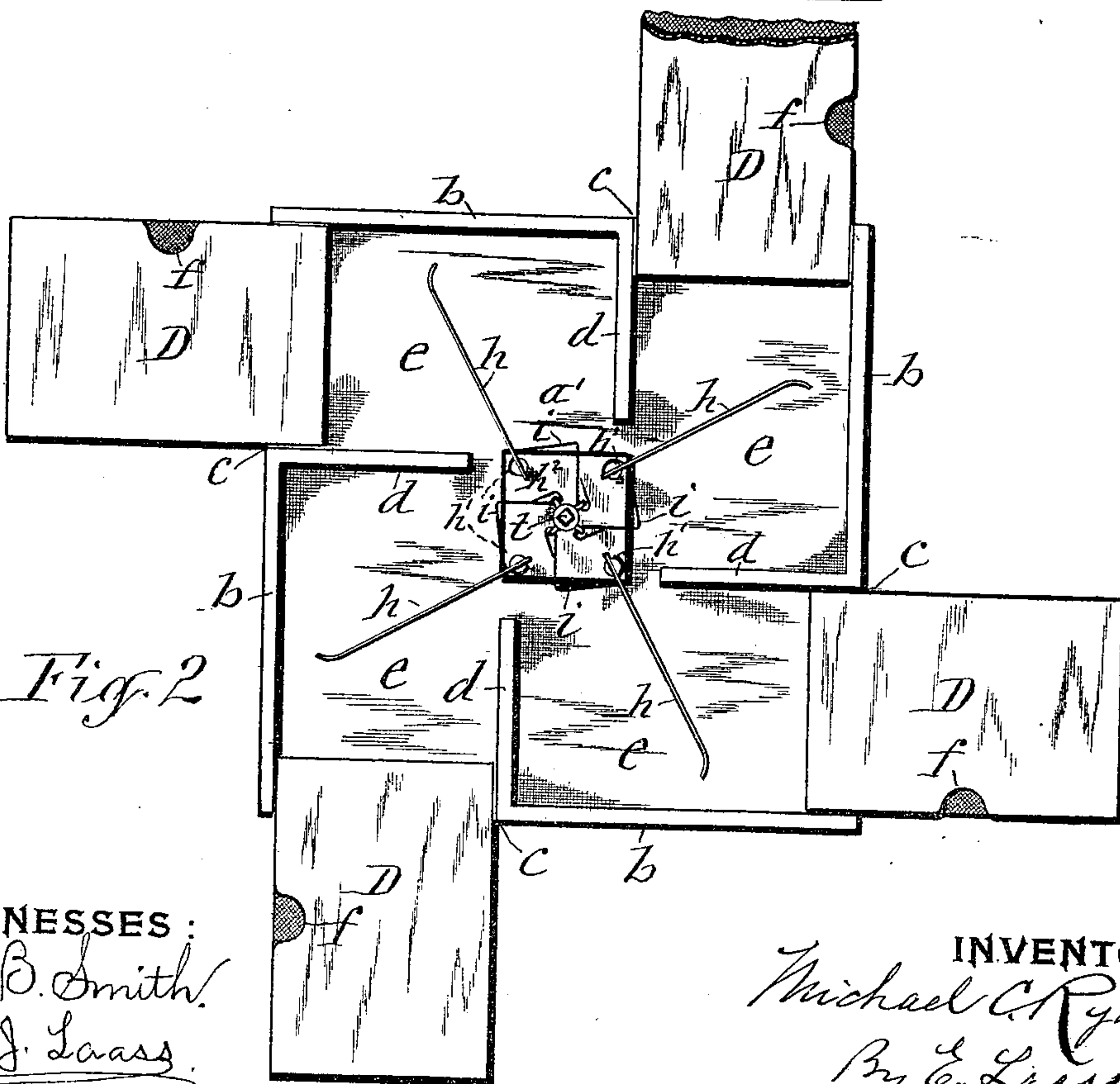


Fig. 2



WITNESSES:

H. B. Smith.  
J. J. Laass.

INVENTOR

Michael C. Ryan  
By E. Laass  
his ATTORNEY

No. 624,104.

Patented May 2, 1899.

M. C. RYAN.  
DUPLICATE WHIST BOARD.

(Application filed May 2, 1898.)

(No Model.)

2 Sheets—Sheet 2.

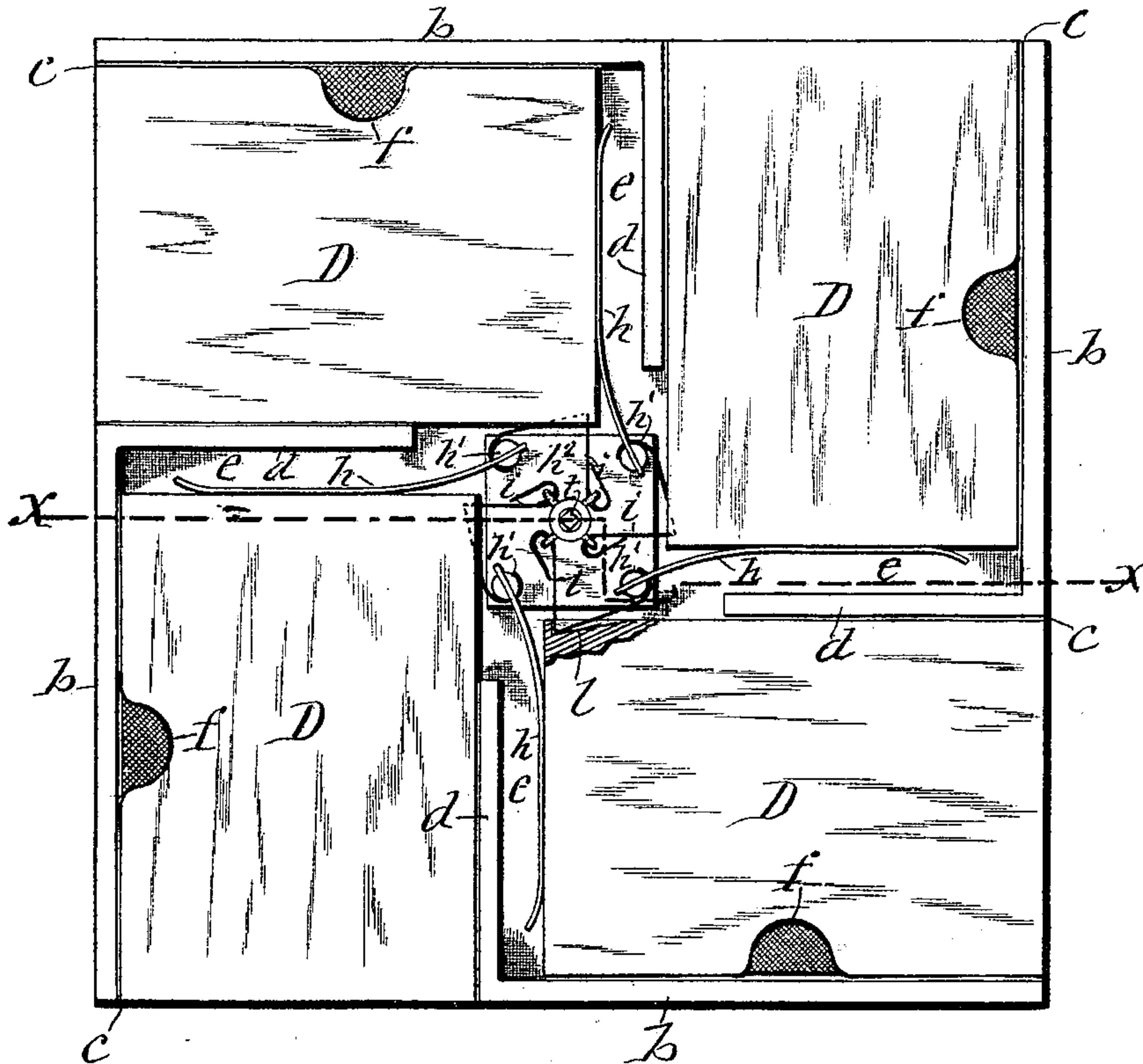


Fig. 3

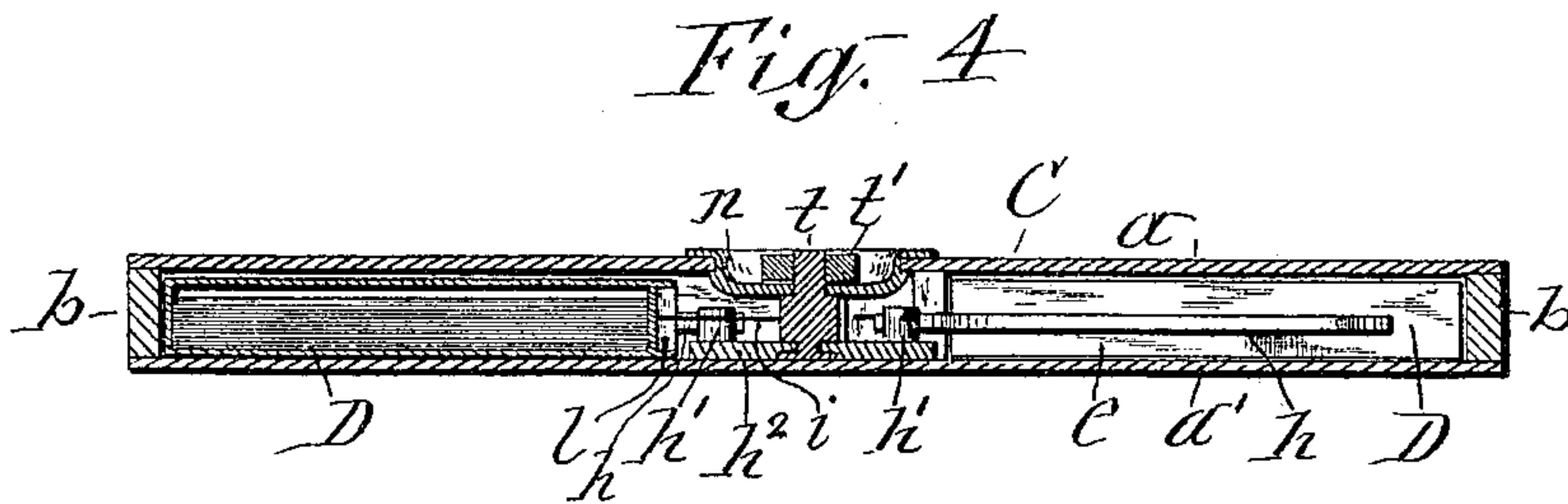


Fig. 4

WITNESSES:

H. B. Smith.

J. J. Laass.

INVENTOR

Michael C. Ryan

By E. Laass

his ATTORNEY



# UNITED STATES PATENT OFFICE.

MICHAEL C. RYAN, OF OSWEGO, NEW YORK.

## DUPLICATE-WHIST BOARD.

SPECIFICATION forming part of Letters Patent No. 624,104, dated May 2, 1899.

Application filed May 2, 1898. Serial No. 679,428. (No model.)

*To all whom it may concern:*

Be it known that I, MICHAEL C. RYAN, a resident of Oswego, in the county of Oswego, in the State of New York, have invented new and useful Improvements in Duplicate-Whist Boards, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The object of this invention is to provide a duplicate-whist board which shall be compact and neat in appearance and shall inclose the cards, so as to effectually protect them from dust, and shall also afford ready and convenient access for introducing, as well as for removing, the cards therefrom when employed in the game of whist; and to this end the invention consists in the novel construction of the card-case hereinafter more fully described and set forth in the claims.

In the annexed drawings, Figure 1 is a plan view of my improved whist-board or card-case as it appears when the cards are stored therein and ready for use at the whist-table. Fig. 2 is a plan view of the card-case deprived of its top plate and showing the card-receiving drawers partly removed from the case. Fig. 3 is an enlarged plan view with the card-receiving drawers retained completely within the case, and Fig. 4 is a transverse section on line X X in Fig. 3.

Similar letters of reference indicate corresponding parts.

C represents the card-case, which is formed of square top and bottom plates *a* and *a'* and side strips *b b b b*, interposed between said plates. Each of these strips extends from a different corner of the case part way toward the opposite corner to leave an opening *c* at the end of the strip. From the free end of each of said strips extends at right angles a cleat *d*, and by the four cleats the interior of the case is divided into four compartments *e e e e*. In each of these compartments is a card-receiving drawer D, preferably of the form of a pocket, which is open at one of its side edges and provided thereat with excisions *f* to afford ready access to the cards in removing them from the drawer or pocket. Said drawers are inserted and removed through the openings *c* in the sides of the case. To facilitate the removal of the drawers from the case when desired, I attach

springs *h h* to studs *h'*, fastened to a plate *h<sup>2</sup>*, which is rigidly secured to the interior of the case. The free ends of these springs bear on the inner ends of the drawers D D when inserted into the case, as shown in Fig. 3 of the drawings, said springs serving to force the drawers outward from the case.

By the employment of the drawers D the introduction and removal of the cards into and out of the case is very much facilitated, and in said operation the cards are protected from contact with the springs *h*, and thus the liability of marring or injuring the cards is obviated.

To retain the drawers within the case, I employ suitable locking devices, preferably of the form of L-shaped springs *i i*, which are connected at one end to the studs *h'* and at the opposite end to the post *t*, pivoted in the plate *h<sup>2</sup>*, central of the case C. Said post projects through the top plate of the case and is provided on its protruding end with a suitable thumb-piece *t'*, by which to turn the post, so as to draw the springs *i i* out of engagement with the drawers when it is desired to remove them from the case.

The locking of the drawers is effected by the corners of the springs *i i* entering notches *l l* in the closed side edges of the drawers, and by turning the post *t* said springs are drawn out of the notches, and then the drawers are immediately forced outward from the case by the springs *h h*.

In the center of the top plate *a* of the card-case is inserted a recessed plate *n*, into which is journaled the upper portion of the post *t*. The object of forming the aforesaid recess is to accommodate the thumb-piece *t'* and prevent the said thumb-piece from projecting above the top plate *a* of the card-case, and thus permit a series of these card-cases to be compactly placed one upon the other.

What I claim is—

1. A duplicate-whist board consisting of an inclosing case having openings presented at different sides thereof, card-receiving drawers inserted through said openings and each provided with a notch in its side edge, suitably-supported L-shaped springs *i i* having their corners engaging said notches to retain the drawers within the case, means to draw said springs out of engagement with said



notches, and springs *h h* bearing against the inner end of the drawers to force the same outward from the case substantially as described and shown.

5 2. The combination of a case formed of square top and bottom plates, side strips interposed between said plates and each of said strips extending from a different corner part  
10 way toward the opposite corner, cleats extending at right angles from the free ends of said strips, card-receiving drawers inserted at said ends of the side strips, springs secured to the interior of said case and forcing the drawers outward, a manipulative post pivoted  
15 in the center of the case, and spring-actuated latches automatically locking the drawers in the case and thrown out of engagement by manipulation of the aforesaid post substantially as set forth and shown.

20 3. A duplicate-whist board consisting of an inclosing case having openings presented at

different sides thereof, card-receiving drawers inserted through said openings, a plate rigidly secured to the interior of the case, studs fastened to said plate, L-shaped springs  
25 *i i* fastened at one end to said studs and at their opposite ends to a post pivoted in said plate, and having their corners engaging notches in the side edges of the drawers to retain the drawers within the case, said springs  
30 being adapted to be thrown out of engagement with said notches by the manipulation of said post, and springs *h h* also secured at one end to the aforesaid studs and having their free ends bearing on the inner ends of  
35 the drawers to force the same simultaneously outward from the case substantially as described and shown.

MICHAEL C. RYAN.

Witnesses:

J. J. LAASS,  
H. B. SMITH.