

2 Sheets—Sheet 1.

No. 597,755.

Patented Jan. 25, 1898.

Fig. 1.

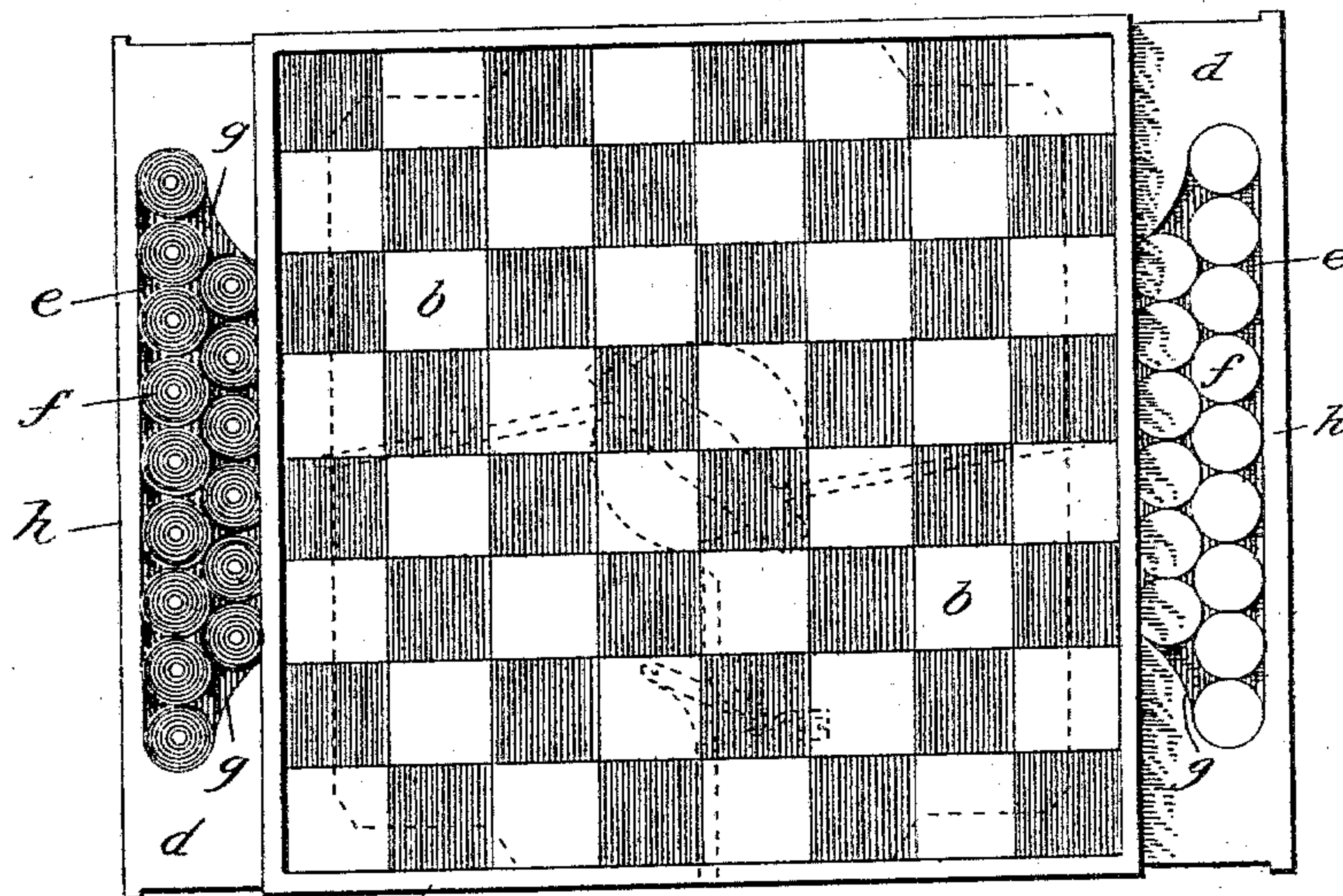
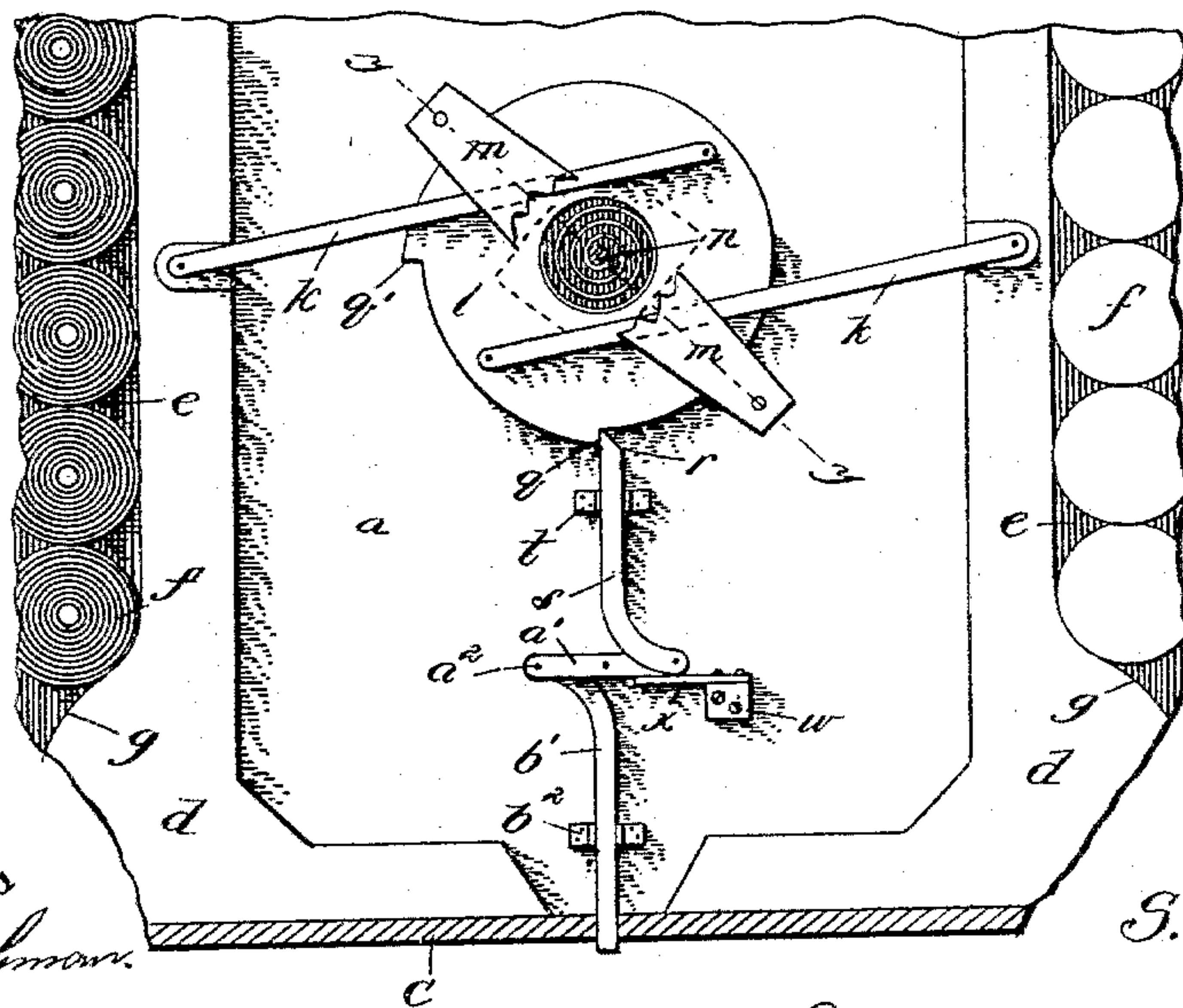


Fig. 2.



Witnesses

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(No Model.)

2 Sheets—Sheet 2.

S. H. WILSON.
ATTACHMENT FOR TABLES.

No. 597,755.

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Fig. 3.

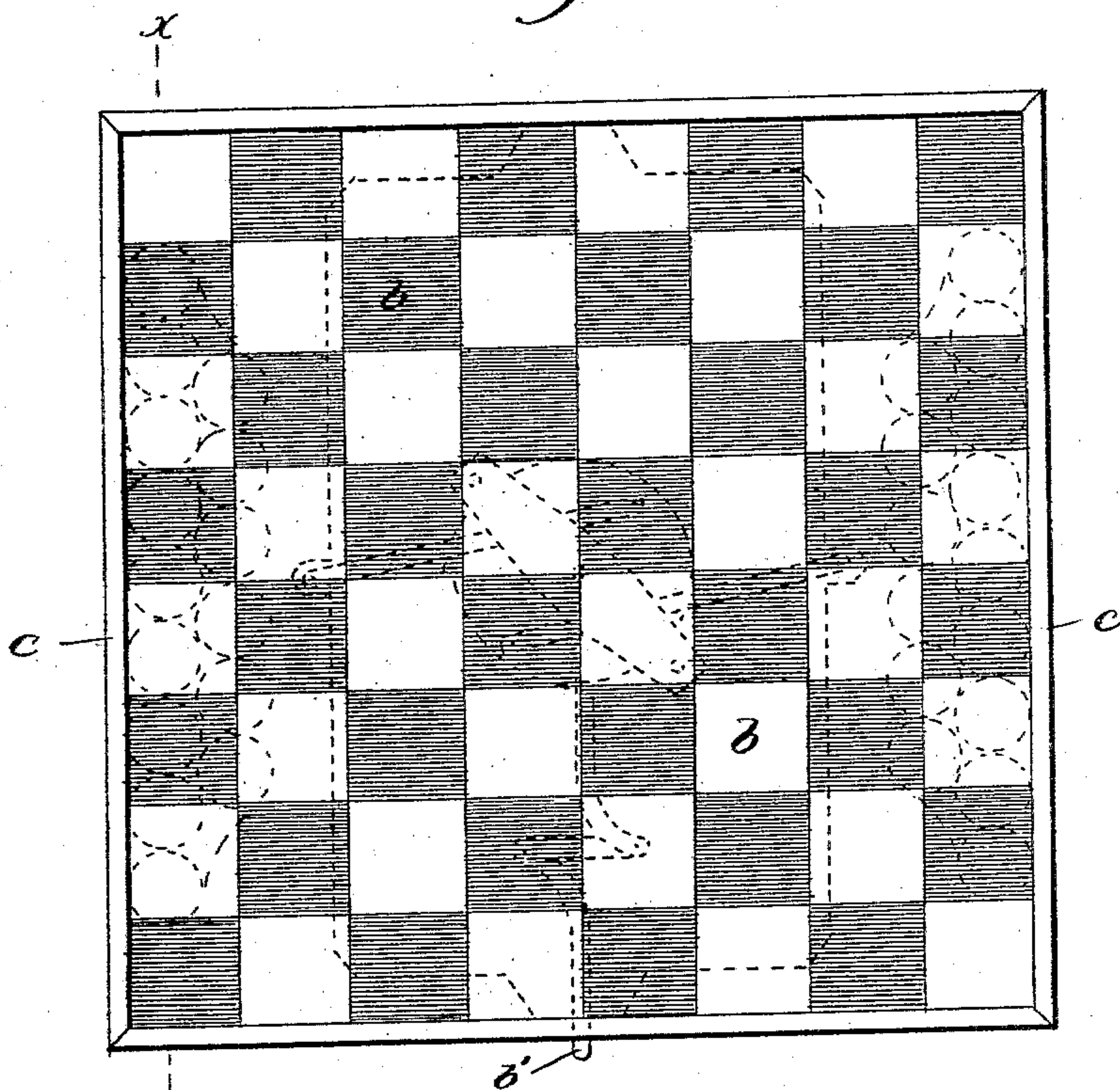


Fig. 4.

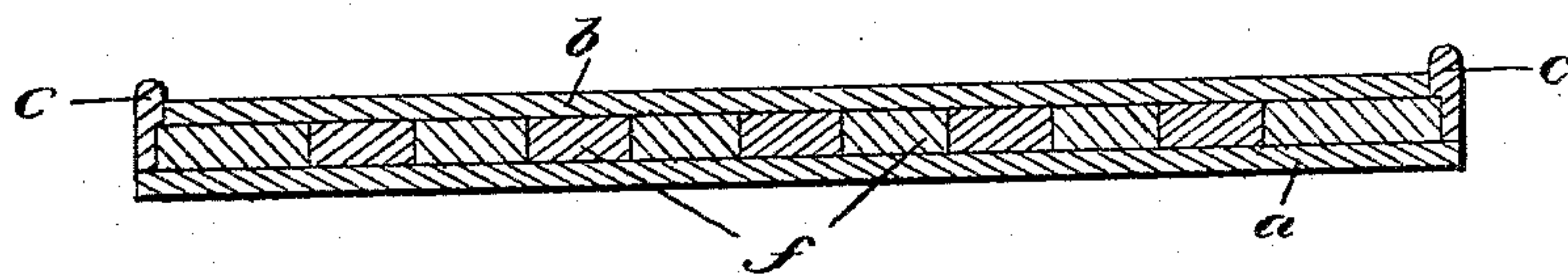
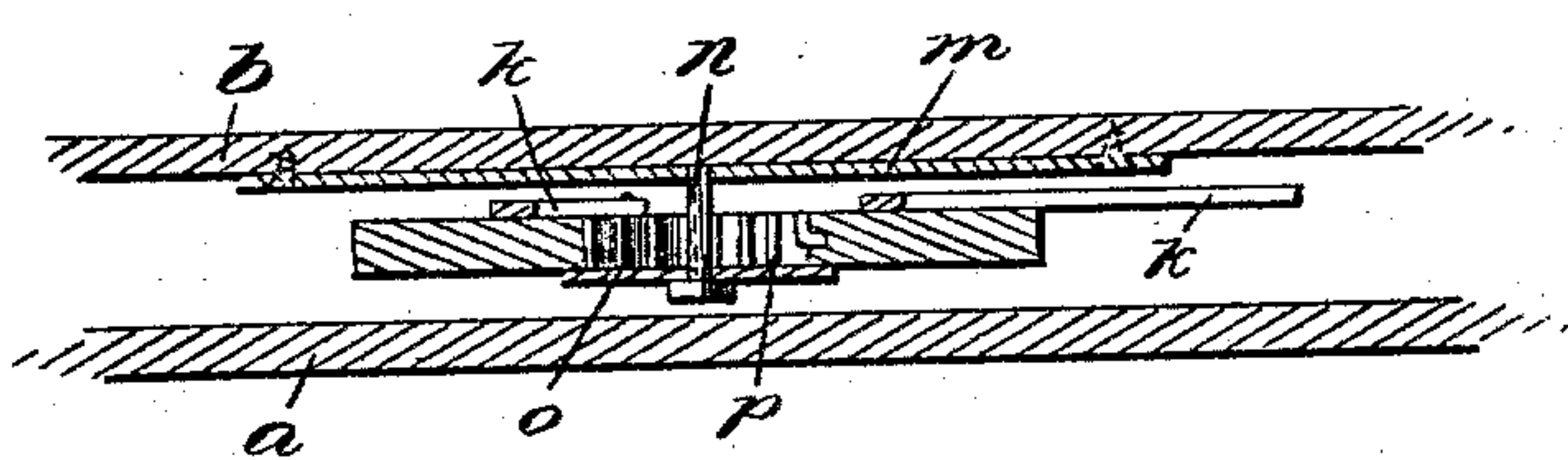


Fig. 5.



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UNITED STATES PATENT OFFICE.

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ATTACHMENT FOR TABLES.

SPECIFICATION forming part of Letters Patent No. 597,755, dated January 25, 1898.

Application filed March 24, 1897. Serial No. 629,075. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL H. WILSON, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Attachments for Tables and the Like, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in attachments for tables and the like and may also be adapted for use on game-boards, and in this construction I have shown the same in the drawings.

15 The invention has for its object to provide an attachment which will be entirely concealed from view when closed, and in the construction shown in the drawings is employed as a holder for the checker-men, these holders being released from their positions within the board by means of a mechanism secured to the underneath face of the board, thus providing a neat and handy receptacle for the checker-men while the game is being played, 25 as well as a convenient holder for storing the same when the board is not in use, and it will be observed that this same construction may be employed for tables, stands, and the like for extending the leaves thereof when it is 30 desired to increase the size of the said table or stand.

The invention has for its further object to provide a mechanism of this nature which will be extremely simple in its construction, 35 requiring but the pressure of a button protruding from the one side of the board or table, which will automatically release the wheel which holds the leaves or holders within the table or board and allow a spring arranged 40 within the said wheel to automatically force the said leaves or holders outward into the desired position; and the invention further resides in the novel construction, combination, and arrangement of parts, to be hereinafter more specifically described, and particularly pointed out in the claims.

45 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar parts throughout the several views, in which—

Figure 1 is a top plan view of the checker-board improved with my attachment and showing the holders for the checker-men in the extended position. Fig. 2 is a top plan 55 view of a board constructed in accordance with my invention, showing the upper or field board removed. Fig. 3 is a top plan view of the board when closed. Fig. 4 is a longitudinal sectional view taken on the line $x x$ of 60 Fig. 3. Fig. 5 is a sectional view taken on line $y y$ of Fig. 2, showing the mechanism fastened to the upper or field board.

Referring now to the drawings by reference-letters, a represents the base, and b the 65 top or field board, which may be designed to suit the particular game-board on which the appliance is to be attached, said upper and lower boards being secured together by means of a rim c , which projects slightly above the 70 top board entirely around the same. Between the upper and lower boards, at two sides of the game-board or table, is arranged a shelf or holder d , which is provided with a recess e to receive the checkers f , said recess being 75 curved, as shown at g , so as to permit the easy removal of the inner row of checkers, said shelf being provided on its outer end with a strip h , which is adapted to fit flush with the edge of the box, between the upper and lower 80 boards of same. These shelves or holders d are connected by arms or bars k , having their opposite ends pivotally attached to the disk or wheel l , said arms k being attached to this disk with their ends diametrically opposite, 85 so that when the disk is operated both the arms will move in the outward direction to force the holders outward. The disk or wheel l is secured to the underneath face of the top board by means of the plate m , having secured thereto a pin n , having an enlarged 90 head which engages a plate o on the underneath side of the disk or wheel l , said disk being provided with a central aperture to receive the coil-spring p , one end of which is 95 secured to the central pin n and the other end secured in the disk or wheel l , which is provided with notches $q q'$ to receive the beveled end r of the locking-bar s , operating in a keeper t , and pivoted at its outer end to an 100 arm a' , said arm a' being centrally fulcrumed, and also pivoted at its opposite end to a push-

bar b' , operating in a keeper b^2 and extending out through the side of the box. Secured to the base is a block w , carrying a spring x , adapted to keep the bar s in engagement with the wheel l to lock the same.

The operation is as follows: Assuming that all parts have been secured in their respective positions, as is shown in the drawings, and that the board is in the closed position, as is shown in Fig. 3, the operator presses on the bar b' , forcing the end a^2 of the bar a' inwardly and depressing the opposite end of said bar a' , which withdraws the end r of the locking-bar s from engagement with the notch q on the wheel l and permits the spring p to operate said wheel l , and, through the medium of the arms $k\ k$, forcing the holders d outwardly into the position shown in Fig. 1 and exposing the checker-men, the limit of said movement being reached when notch q' of the wheel l comes in engagement with the end r of the locking-bar s , and to close the board the operator presses inwardly on the shelves or holders d , reversing the movement of the wheel and bringing the end r of the locking-bar s , which is acted upon by the spring x , to force said bar into engagement with the notch q and thus holding the shelves d within the box.

It will be observed that this arrangement may be as readily adapted for use on tables, stands, and other articles of a like nature, as upon a checker-board, as illustrated in the drawings, and I therefore do not wish to limit myself to the use of the attachment as shown herein, and it will be noted also that various changes may be made in the details

of construction without departing from the general spirit of my invention.

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

1. In an attachment for tables, game-boards and the like, consisting of a base and a top suitably secured together, sliding shelves arranged between said base and top, a wheel rotatively secured to the under side of said top, and provided with a notch, a spring secured to said wheel, and to a pin carrying said wheel, arms pivotally secured to said wheel and to the sliding shelves, a bar fulcrumed to the top, an operating-lever pivotally secured to one end of said bar, a catch-arm pivotally secured to the opposite end of said bar; and adapted to engage the notch to lock the shelves, substantially as shown and described.

2. An attachment for tables, game-boards and the like, consisting of a board or table, extensible shelves or holders arranged thereon, a spring-actuated wheel secured to the underneath face of the table, and provided with a cut-away portion, lever connections between said wheel and shelves, a bar engaging said cut-away portion to lock the wheel, an operating-lever for releasing the spring-actuated wheel to force the shelves outwardly, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL H. WILSON.

Witnesses:

A. M. WILSON,

GEORGE S. WILSON.