Nov. 12, 1946. G. G. MEVI 2,410,988

GAME BOARD

Filed April 13, 1945 3 Sheets-Sheet 1

Fig. 1

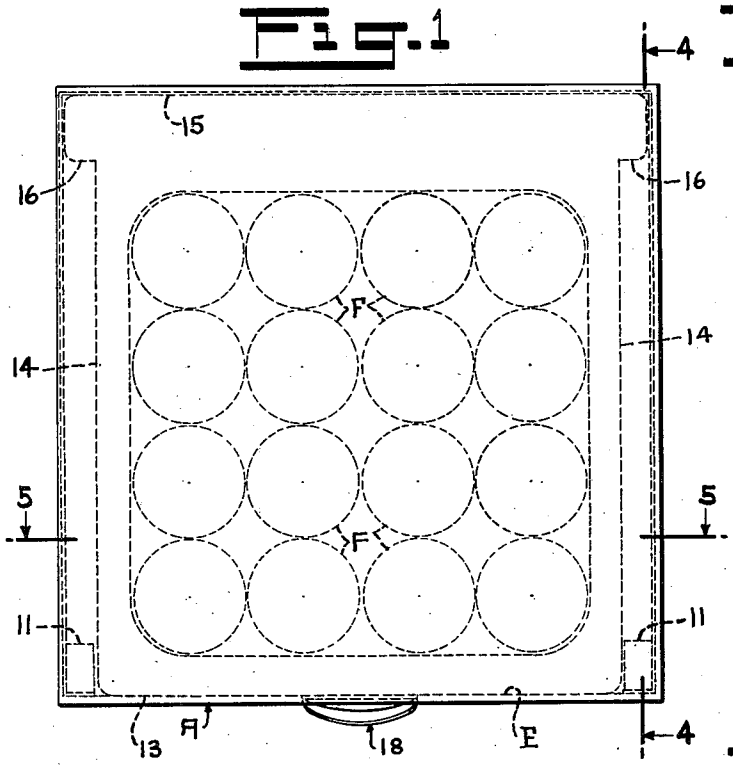


Fig. 2

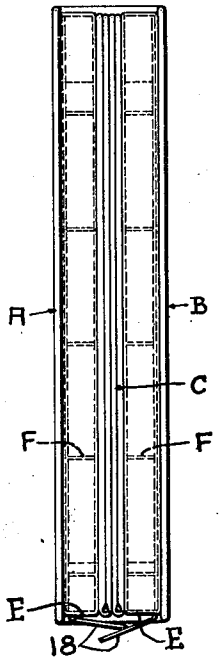


Fig. 3

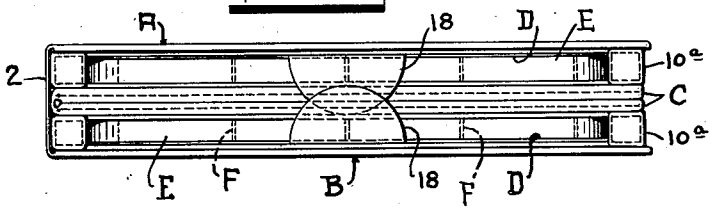


Fig. 4

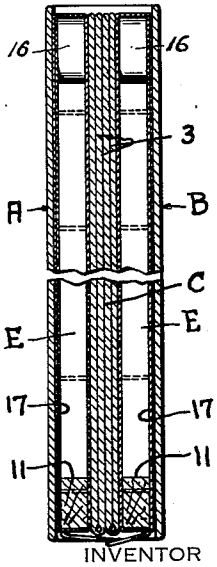
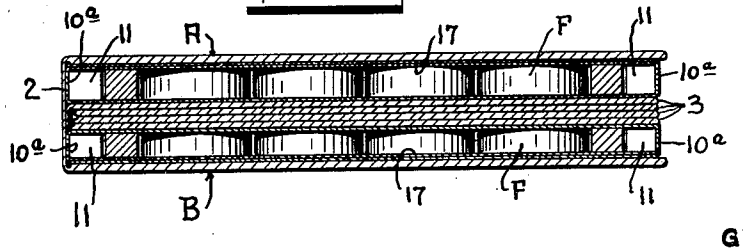


Fig. 5



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Nov. 12, 1946. G. G. MEVI 2,410,988

GAME BOARD

Filed April 13, 1945 3 Sheets-Sheet 2

Fig. 6

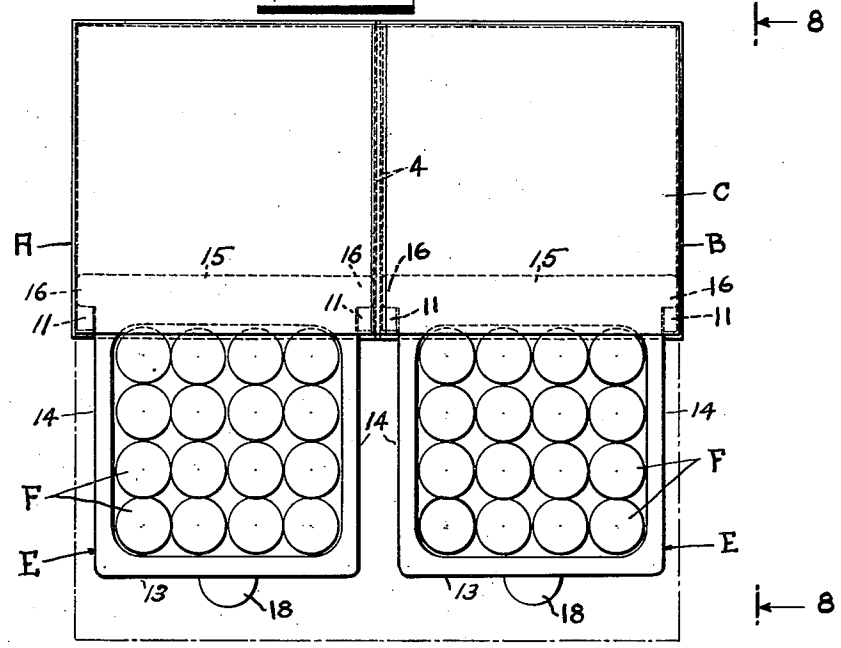


Fig. 7

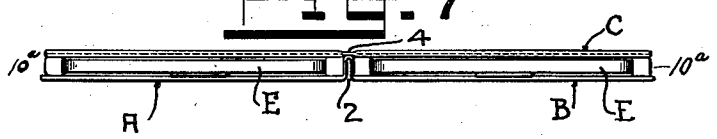


Fig. 8

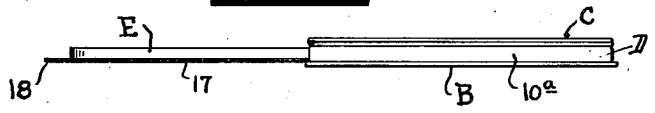
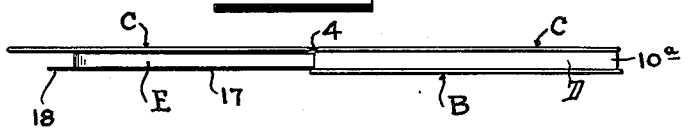


Fig. 9



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Nov. 12, 1946. G. G. MEVI 2,410,988

GAME BOARD

Filed April 13, 1945 3 Sheets-Sheet 3

Fig. 10

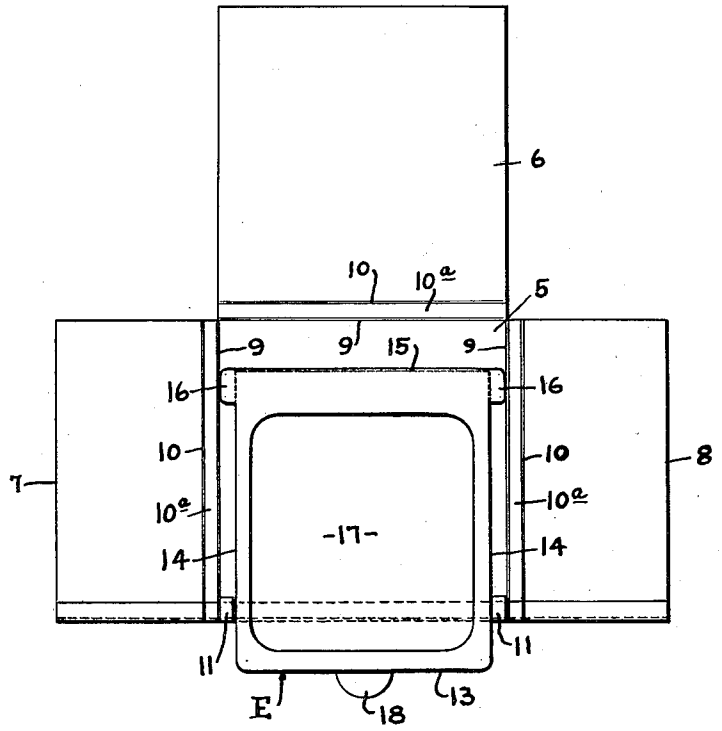


Fig. 11

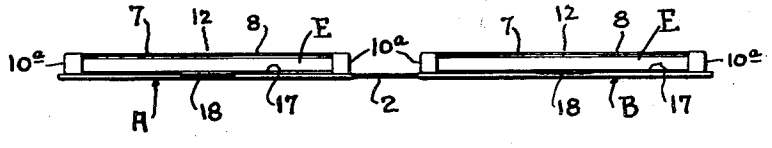
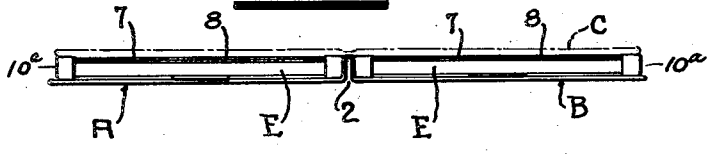


Fig. 12



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2,410,988

UNITED STATES PATENT OFFICE

2,410,988

GAME BOARD

George G. Mevi, New York, N. Y.

Application April 13, 1945, Serial No. 588,142

3 Claims. (Cl. 273—136)

1

This invention relates to game boards such as used in playing the game of checkers and chess of the folding pocket size type shown in United States Letters Patent No. 2,327,314, issued to me August 17, 1943, and the object is to improve and simplify the book form of construction shown in that patent.

The invention is illustrated in the accompanying drawings, in which,

Figure 1 is a plan view of the game board folded in its book form and showing in dotted lines slidable trays and game pieces stored therein.

Figures 2 and 3 are end views looking from the right and lower edges, respectively, of Figure 1.

Figures 4 and 5 are cross-sectional views taken on the lines 4—4 and 5—5, respectively, of Figure 1.

Figure 6 is a plan view of the book game board opened and the drawers or slidable trays withdrawn from the housings in position for removal of the game pieces and preparatory to unfolding the playing board over the trays to the fully unfolded position indicated by broken lines to expose the playing surface.

Figure 7 is an end view of the open book as shown in Figure 6 looking at the lower end as shown in that figure.

Figure 8 is a side view of the open book as shown in Figure 6 looking in the direction of the arrows 8 of that figure.

Figure 9 is a side view similar to Figure 8 with the playing board unfolded to the position indicated by the broken lines of Figure 6 showing the support of one-half of the playing board by the extended trays.

Figure 10 is a plan view illustrating the assembling of a tray and its housing, and showing the form of the single sheet from which the housing is made before folding and sealing into enclosing form.

Figure 11 is an end view showing the pair of trays and housings mounted on the book covers and illustrating the spacing between the tray housings to provide a hinge for the covers, and

Figure 12 is an end view of the parts shown in Figure 11 showing the cover hinge section attached to the adjacent edges of the tray housings preparatory to attaching the playing board shown in broken lines, and illustrating the inward fold of the cover hinge when the book is opened to draw the covers and tray housings toward each other to insure a flat playing surface when the game board is fully opened for use.

Referring to the drawings, and more particularly to Figures 1 to 5, which show the game board in its folded book form, A and B are the outside covers of the book, C the game board folded on transverse hinges into four equal leaves, D the two tray housings, and E the trays, Figures 4 and 5, for the game pieces F.

2

The covers A and B are made of stiff boards, preferably square, and covered by any suitable material such as linen, Leatherette or leather, and preferably glued thereto with the edges turned over (not shown) onto the inner surfaces of the cover boards. The covering material for the boards forming the covers is preferably in one piece and its length will be such that when applied to the boards the latter may be spaced apart to provide a back or wide hinge 2 as seen in Figures 5, 11 and 12.

The playing board C is made of four equal sections 3, see Figures 4 and 5, covered with linen or other suitable material glued thereto on the underside with the edges turned over onto the uppersides and the uppersides of the board sections 3 are covered with paper or other suitable material (not shown) glued thereto, and having the usual equal squares or spaces of alternate black and white or other contrasting colors printed thereon as usual in checker or chess boards. For simplicity in illustrating the structural features of the book form of the game board, the covering for the undersides of the board sections 3 and the playing surface with its design is omitted since this forms no part of the present invention. In applying the material for the underside covering and game board facing the four board sections 3 are slightly spaced on transverse lines as seen at 4, Figures 6, 7 and 9, so that such covering and facing material will serve as hinges for permitting the folding of the game board into its four leaves when closed into book form.

The tray housings D are made from single sheets of heavy paper cut and folded and glued to form shallow square box-like pockets. As seen in Figure 10, the sheet is cut to form four sections 5, 6, 7 and 8, section 5 being defined by three scorings 9, and the other sections each having a scoring 10 parallel to scorings 9 and spaced therefrom equal to the thickness of the trays, and forming three rectangular narrow spaces which when the sheet is folded on the score lines form the narrow sides 10a of the housings. At the front end of the housing sheet section 5, that is the end which will be at the open end of the housing, blocks 11 are glued at the edge and adjacent the scorings 9 to serve as stops for the trays when withdrawn from the housings as seen in Figures 6 and 10. In forming the tray housings

the trays are laid upon the housing sheet section 5 as seen in Figure 10, and then section 6 is bent on the scorings 9 and 10 and laid over the tray. Then sections 7 and 8 are bent on the scorings 9—10 over section 6 and glued thereto with the outer edges of sections 7 and 8 abutting to form a flat even surface as seen at 12 in Figure 11. This completes the tray housings with the trays enclosed between the pair of stops 11. The tray housings are then glued to the cover boards A—B with the housings spaced apart and the open ends in alignment as shown in Figure 11, and glue is applied to the inner side of the cover hinge 2, or to the adjacent edges of the tray housings, so that when the book is closed the adjacent edges of the housings will be secured to the inner side of the cover hinge 2. Thus when the book is opened the hinge 2 will fold inward as seen in Figure 12.

The trays E are made of heavy gauge or laminated paper board to provide the desired depth for the game pieces and punched out as seen in Figures 6 and 10 to provide a frame-like shape having a front edge 13, sides 14 of uniform width, and inner side 15 of approximately double the width of sides 13 and 14 and of greater length than the front 13 to provide a pair of lugs or stops 16 which will contact the lateral sides of the housings and engage the housing stops 11 when the tray is withdrawn. The stops 11 and 16 thus serve both as guides for the trays in sliding within the housings and as stops to prevent complete withdrawal of the trays from the housings as seen in Figure 6, and when so withdrawn the trays serve as supports for the playing board when fully unfolded as seen in Figures 6 and 9. The tray bottoms 17 are separate pieces of heavy paper or other suitable material, stamped out to the same shape as the tray frames except the lugs 16, as indicated by the dotted lines in Figure 10, plus a semi-circular projection 18 to form a tab for withdrawing the tray, and these tray bottoms are glued to the undersides of tray frames 13—15. The thickness of the game pieces F will govern the depth of the trays, and the depth of the trays will govern the width between scorings 9—10 to provide the proper width of the housing sides 10^a.

The book covers A—B, game board C, tray housings D, and trays E are made up as separate units preparatory to securing the trays within the housings and the housings to the covers, and the playing board C is attached as the final step in the assembly as indicated in broken lines in Figure 12 by gluing the two sections of one-half of the playing board upon the tray housing sections 7 and 8. When thus secured the playing board may be folded in half as seen in Figures 6 and 8, and with the trays fully housed the whole assembly may be folded into book form as seen in Figures 1, 2 and 3.

What I claim is:

1. A game board of the class described, comprising a pair of cover-boards, a pair of individual tray housings secured to the cover-boards, a slidable tray in each housing, said trays having less width than the housings and a folding playing board mounted upon and secured to said housings, said cover-boards, tray housings and playing board being adapted to fold into book form, each tray housing being composed of a single sheet of material cut to form sections for folding into box-like shape open at one end and adapted to be secured to the cover-boards, a pair of stops fixed at the open end of each housing serving as closures for the spaces between tray and housing sides, and a pair of laterally projecting stops at the inner end of each tray adapted to engage the housing stops to limit withdrawal of the tray and said housing and tray stops having sliding contact with the tray and housing sides, respectively, serving as guides for the sliding trays.

2. In a game board as defined in claim 1, a tray housing in box-like form open at one end and made from a single sheet of material cut to provide a square section for one side of the box, an adjacent square section for the opposite side of the box, two rectangular shaped sections projecting from the first named square section adapted to fold over the second named square section and constitute therewith a two-ply side for the box, and three narrow rectangular sections defined by parallel scorings extending between the two square sections and between the first named square section and the two rectangular sections on which scorings the sheet is folded to form the five closed sides of the box.

3. In a game board as defined in claim 1, a tray composed of a frame stamped from a board to form four integral sides and two laterally projecting lugs at one end, and a sheet secured to one side of the frame to constitute the bottom of the tray and having a tab projecting from one edge for withdrawing the tray from the housing.

GEORGE G. MEVI.