

R. E. BROWN & C. G. WYATT.
SECTIONAL FOLDABLE DISPLAY CASE.
APPLICATION FILED MAR. 9, 1909.

929,074.

Patented July 27, 1909.

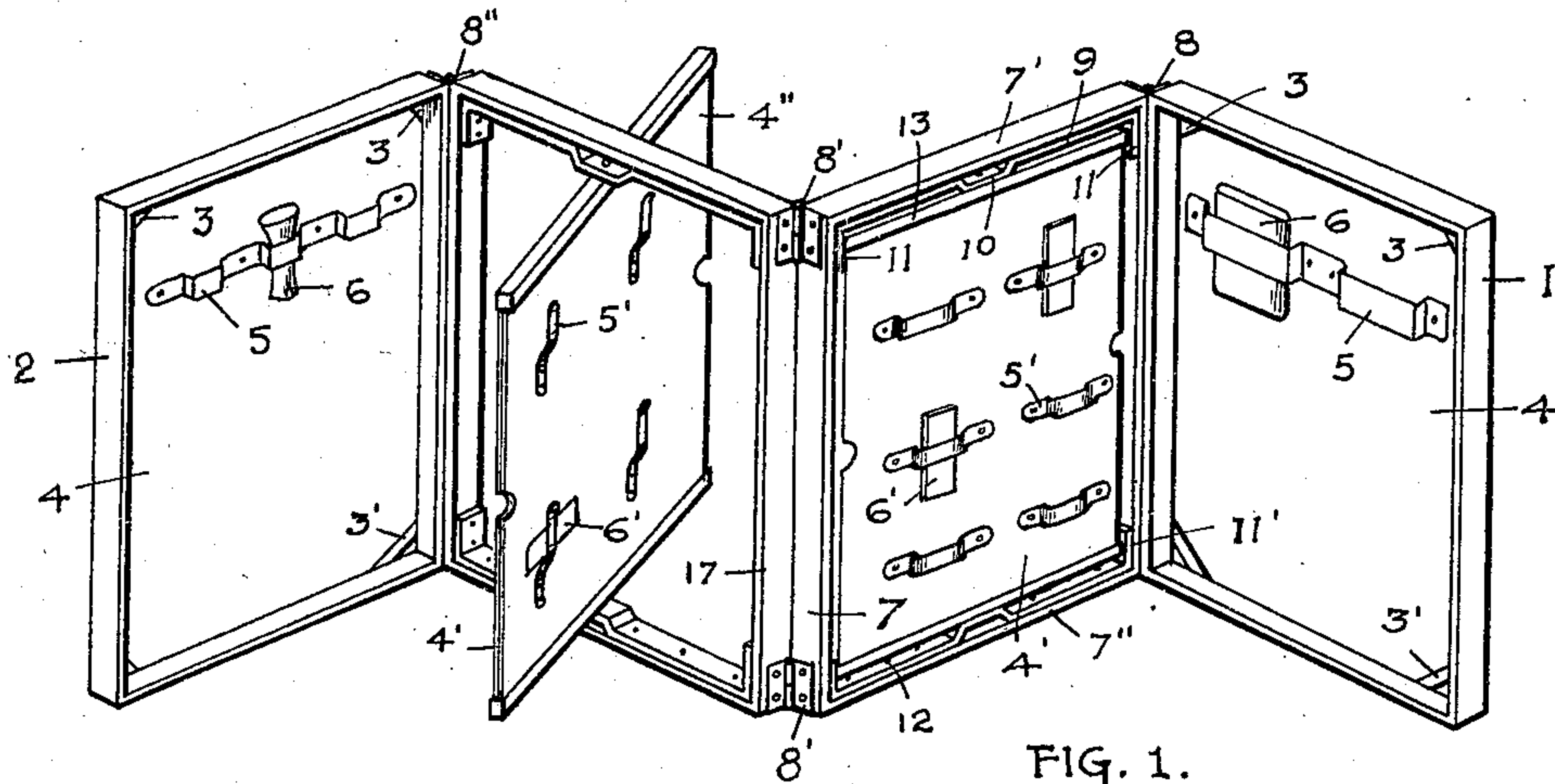


FIG. 1.

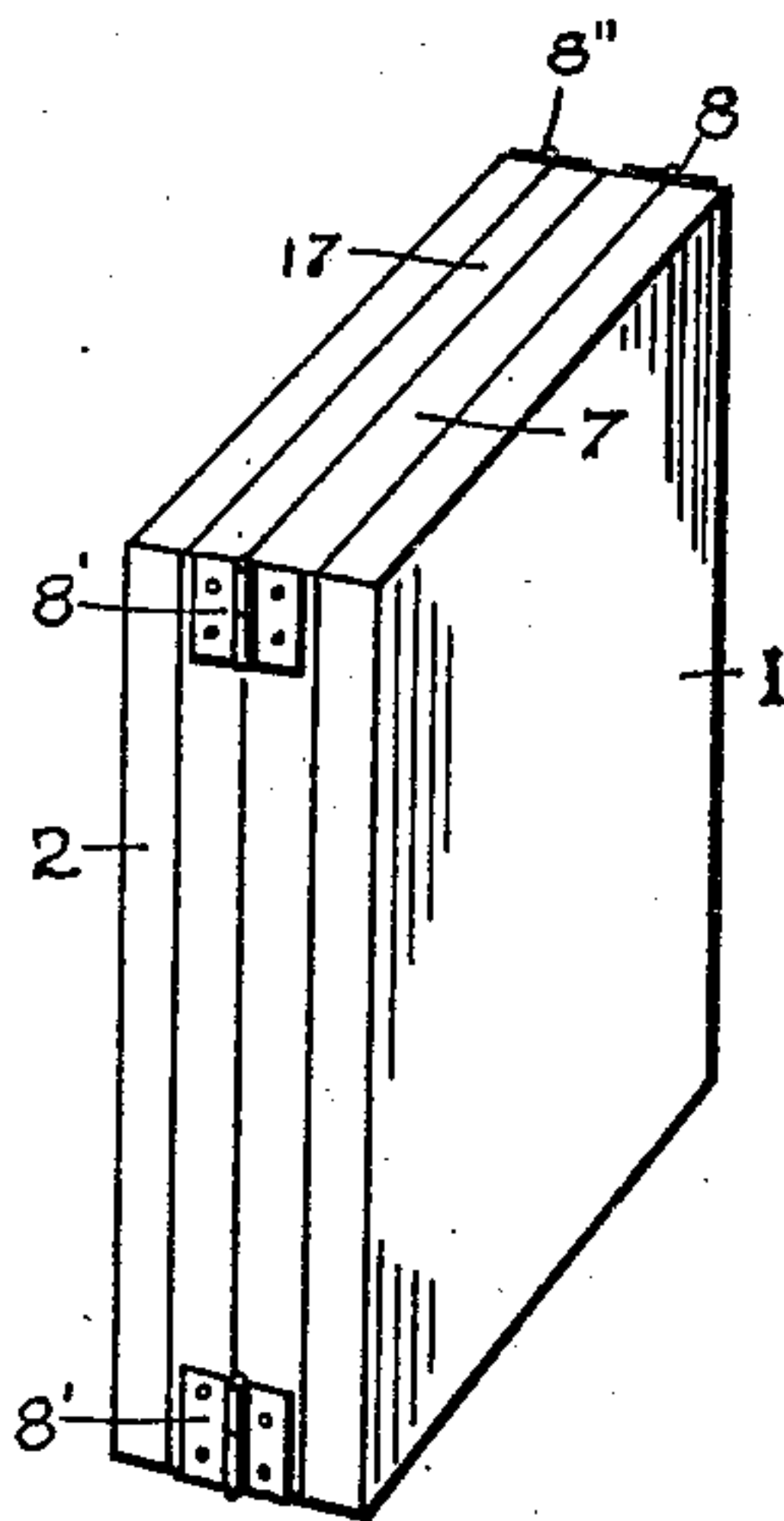


FIG. 2.

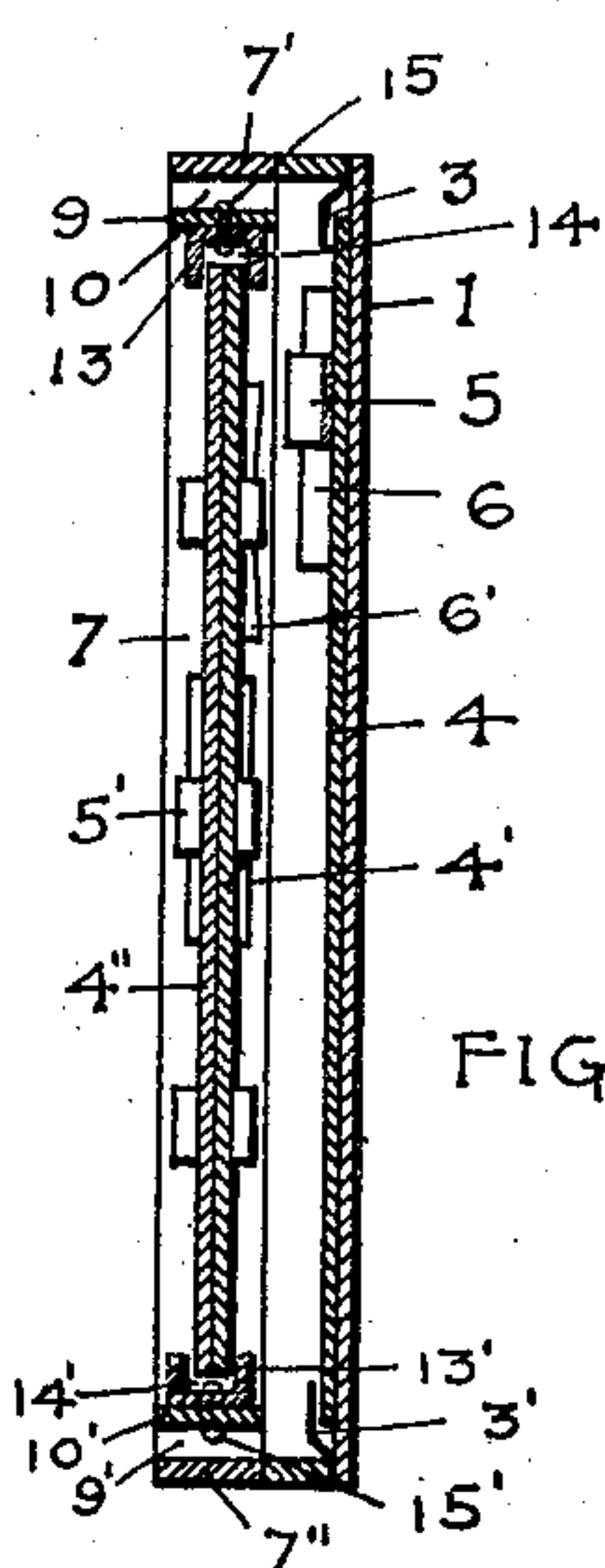


FIG. 3.

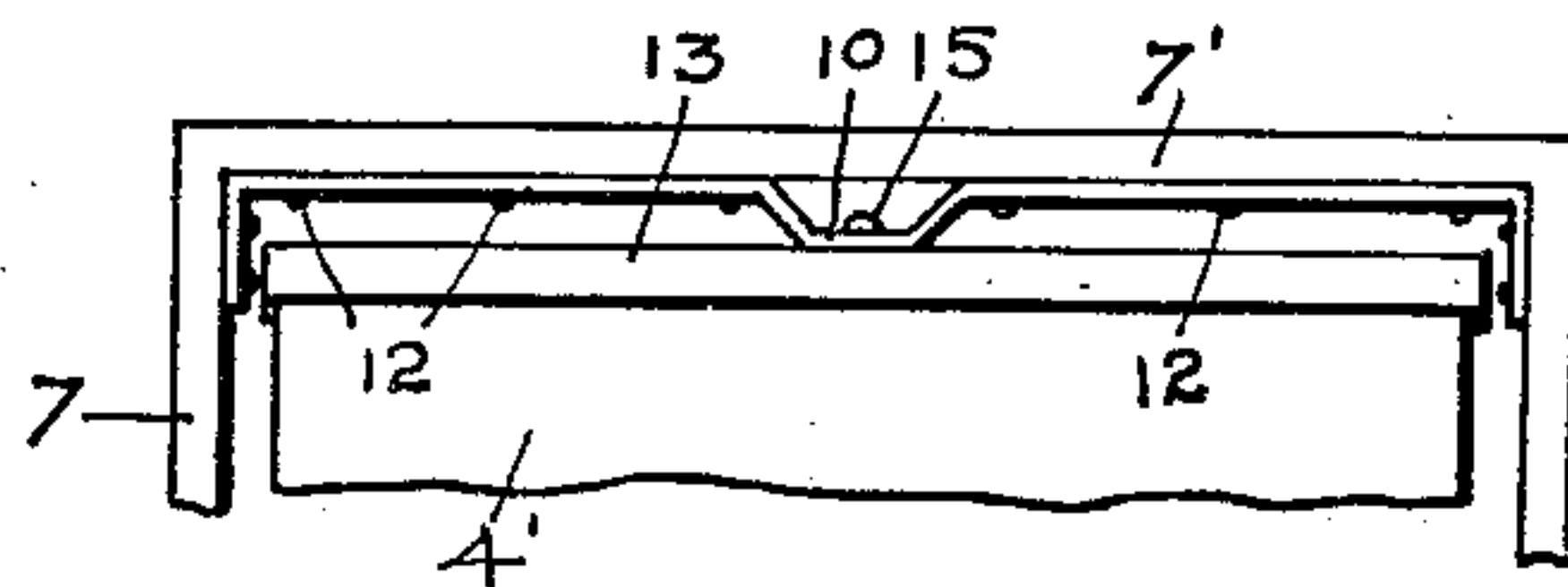


FIG. 4.

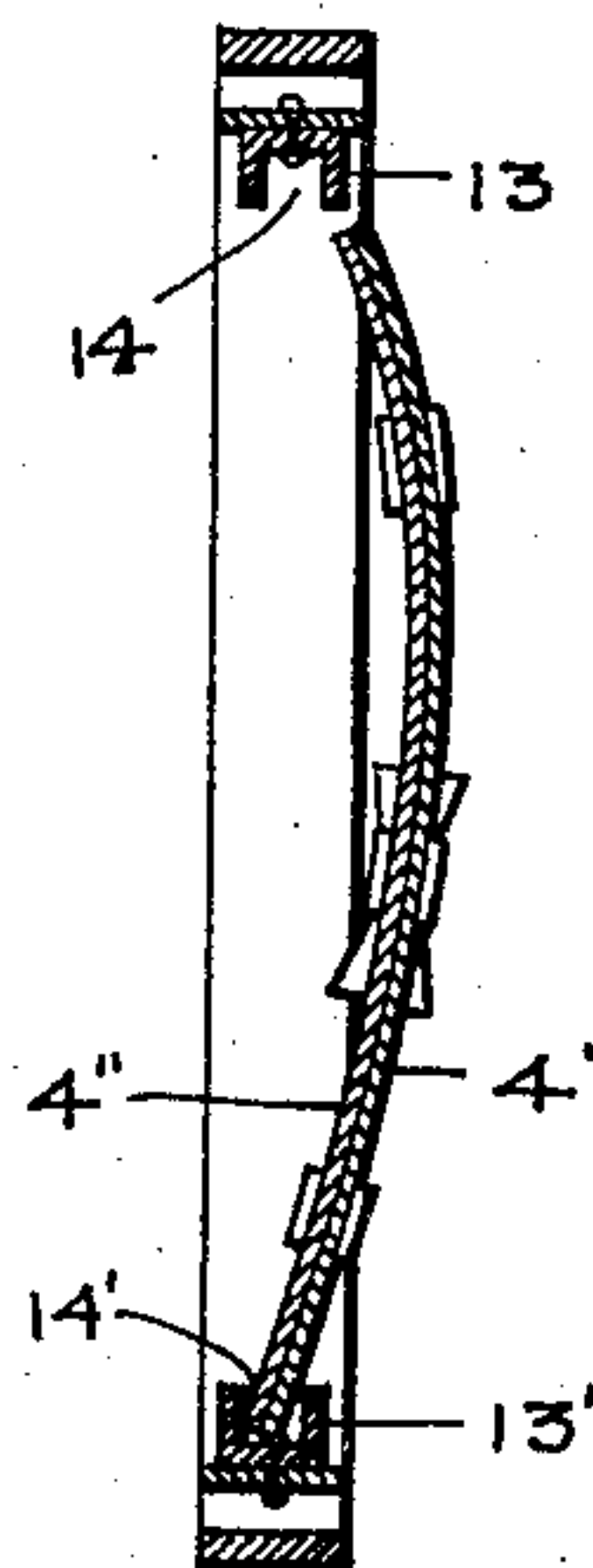


FIG. 5.

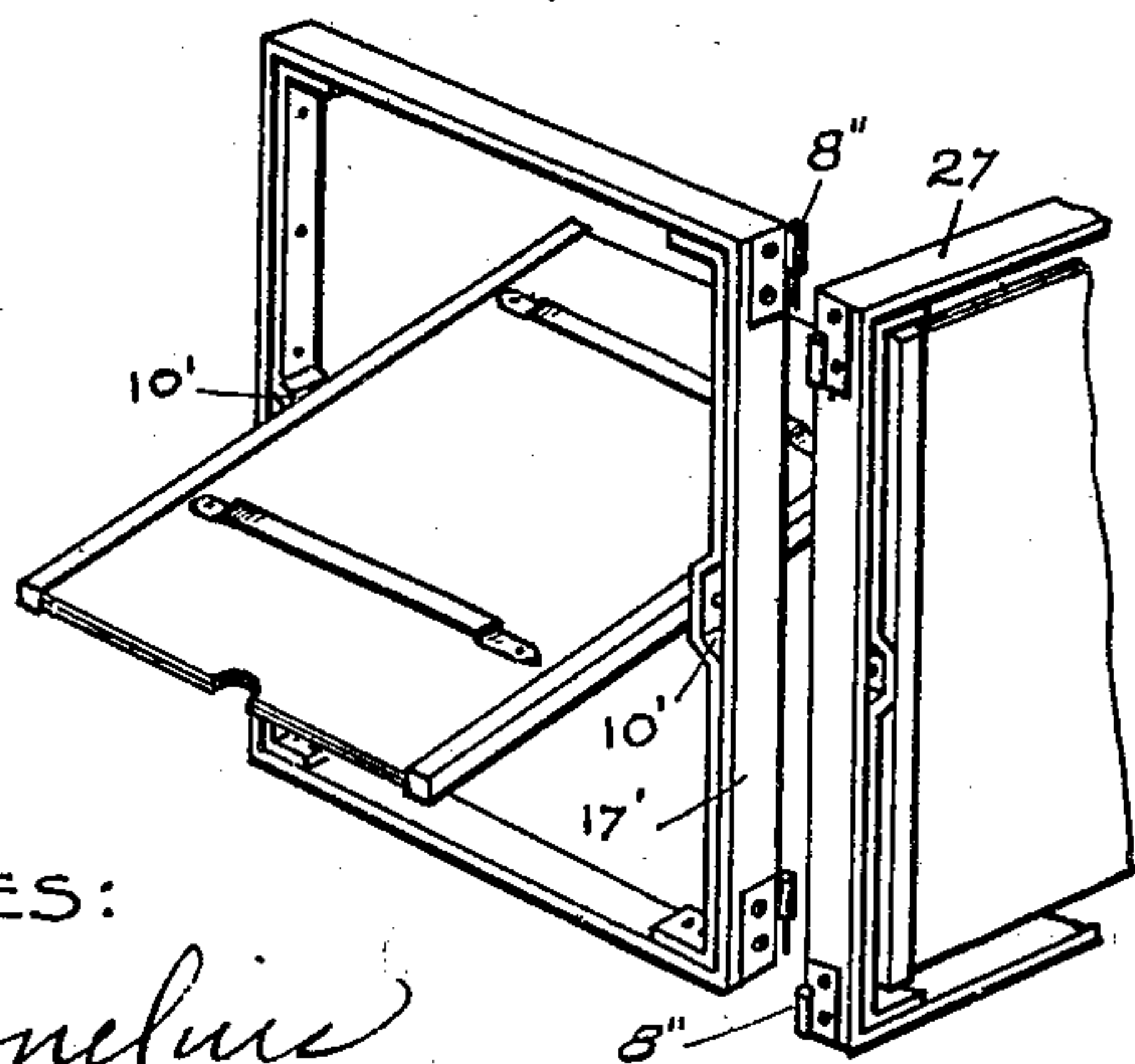


FIG. 6.

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SECTIONAL FOLDABLE DISPLAY-CASE.

No. 929,074.

Specification of Letters Patent.

Patented July 27, 1909.

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To all whom it may concern:

Be it known that we, ROBERT E. BROWN and CHARLES G. WYATT, citizens of the United States of America, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented certain new and useful Improvements in Sectional Foldable Display-Cases, of which the following is a specification, reference being had therein to the accompanying drawing.

Our invention relates to improvements in that class of display cases, which are used for the display of merchandise, samples, and the like, and more particularly to that class of cases, which are used by sample men, in the selling of goods, from samples; and the objects of our improvements, are, first; to provide a display case, which will detachably hold and display, the maximum amount of goods or samples, in the minimum amount of space, and while so doing, will, alone, stand erect, without the use of any prop or support, second; to so construct a sectional foldable display case, that the sections, of which said case is formed can be interchangeably combined and separated, at the pleasure of the user thereof, and be folded into neat and compact form, perfectly adapted to be either transported by hand, or snugly packed in an ordinary trunk, or other suitable receptacle; third; to so construct and arrange the parts of said case, that every facility shall be provided for detachably securing merchandise, samples and the like therein, and for the removal of same therefrom, with the utmost ease and rapidity, and in which the same shall be protected from injury, arising from handling and from transportation; fourth; to so construct a sectional foldable display case, that said case shall be extremely light of weight, rigid, substantial and durable, and be extremely cheap in cost of manufacture. We attain these objects by the mechanism illustrated in the accompanying drawing, in which:—

Figure 1. is a perspective view of the case, as it appears when opened, ready for use. Fig. 2. is a perspective view of the case, when folded, ready for transportation. Fig. 3. is a transverse section, cut vertically through the center of one of the outside sections, and one of the inside sections, in folded position. Fig. 4. is a longitudinal section, cut vertically through the center of one of the inside sections, certain parts being broken

away, to avoid useless repetition and extension of the drawing. Fig. 5. is a transverse section, cut vertically through the center of one of the inside sections illustrating the operation of inserting a pair of merchandise carrying cards therein. Fig. 6. is a perspective view of two separately detached inside sections, having their card carrying devices provided with horizontally arranged pivots, certain parts of one section being broken away to avoid useless extension of the drawing.

Referring to Fig. 1, our invention comprises two outside sections, 1 and 2, preferably formed of wood, and scrimped with cloth, in the usual manner, well known to the trunk or case maker's art. Outside sections 1 and 2, have a strip 3, preferably of sheet metal, suitably secured, diagonally in each of the four corners of said sections, for detachably holding an ordinary merchandise carrying card 4, therein, and for rigidly bracing said corners. Cards 4 are provided with any desired number of suitable fasteners 5, adapted to detachably hold various forms of merchandise 6, to be displayed and transported in said sections. The rear edge of section 1 is detachably secured to the rear edge of section 7, by two suitable hinges, one of which is seen at 8. Said hinges and hinges 8' and 8'', are of any well known detachable kind, now generally in use. Section 7 is an open frame, preferably formed of wood and scrimped with cloth in the usual manner, previously mentioned. To the under surface of the upper side 7' of said section is secured the metal strap 9, having its central portion projected downward to form bearing 10, and its ends turned downward at right angles thereto, to form stiffeners and reinforcements for the two upper corners of said inside section, to which said strap and reinforcements are secured by clench nails 12.

Referring to Fig. 3, channel bar 13, having channel 14 formed in its under side, is preferably formed of stamped sheet metal and is rotatably secured to bearing 10 by rivet 15. Said channel is adapted to detachably hold the upper edges of two merchandise carrying cards, a front card 4' and a rear card 4''; thus providing rotatable carrying means, for carrying the upper ends of said cards. Said cards are provided with any suitable fasteners, secured thereon, and adapted to detachably secure merchandise 6'

to said cards, as seen at 5'. Said fasteners and the previously mentioned fasteners 5, may be elastic web, sheet metal clips, spring actuated fasteners, or any of the various well known kinds of fasteners, now in use, for such purposes; while cards 4, 4' and 4'', are preferably of tough, semi-elastic thick card board. To the upper surface of the lower side 7'' of section 7, (see Fig. 3,) is secured an exact duplicate of the previously described rotatable carrying means, whereby the lower ends of said cards are detachably held in channel 14', of channel bar 13', which, together with the previously described rotatable carrying means, provides rotatable holding means, whereby cards 4' and 4'' are rotatably held in section 7.

Since inside section 17, (see Fig. 1,) is exactly like section 7, in its construction and operation, a detailed description of said section is unnecessary. Section 17 has its front edge detachably secured to the rear edge of inside section 7, by hinges 8', while the rear edge of section 17 is detachably secured to the rear edge of outside section 2, by hinges 8''. Where it is desirable, as for example, in the display and transportation of shirts, and the like, bearings 10, and their attached parts, are secured to the opposite sides of said inside sections, as shown at 10', in Fig. 4, and in which it will be seen that section 17' is detached from section 27.

In the operation and use of our invention, the display case is placed in position, seen in Fig. 1, on an ordinary table or counter, not shown, and cards 4' and 4'', are placed in the position seen in Fig. 6, with their lower edges resting in channel 14', of channel bar 13', after which, said cards are flexed or bent, as seen, and their upper edges are inserted in channel 14, of channel bar 13, after which, the semi-flexibility of said cards, will cause said cards to be straightened, and to assume the position seen in Fig. 3. It will be seen and understood that said cards, or either one of them can be removed and with other cards of the same kind, (not shown,) are perfectly interchangeable. Cards 4 are inserted and interchangeable in the same manner in outside sections 1 and 2.

It will be seen and understood, that the merchandise 6, is displayed on cards 4, in outside sections 1 and 2; and that merchandise 6', on front card 4', in section 7, is also displayed. When it is desired to display the merchandise 6'', on card 4'', the user, not shown, grasps the edges of said cards and rotates them and their rotatable holding means, from the position shown in section 7, to the position seen in section 17, in Fig. 1, and still further rotates said cards and their holding means, on pivot 15, until said rotatable parts assume a reversed position, with rear card 4'' brought to the front and front card 4' thereby rotated to the rear; thus

bringing all of the merchandise in the described display case, to view. When said user wishes to transport said case he grasps outside sections 1 and 2 and by them folds the sections to the position seen in Fig. 2, with utmost ease and rapidity, after which any suitable carrying strap, now in use, and not shown, is secured thereon, in the usual manner, for transporting said folded display case by hand. We thus provide a sectional foldable display case, of extreme convenience, durability and lightness of weight.

Said display case is made of any desired size or relative proportions, adapted to fit snugly in any ordinary trunk, not shown, and any number of sections, sufficient to fill said trunk, is packed therein, with every facility for the saving of time.

It will be seen and understood that inside sections 7 and 17, always in pairs, can be detachably attached together, in any desired number between outside sections 1 and 2, as shown in Fig. 1 and that said sections are perfectly interchangeable.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent is:—

1. In a sectional foldable display case, in combination, two outside sections, provided with a diagonal brace, secured in each of the four corners of each section, said braces being adapted to detachably hold an ordinary card, by the corners thereof, in each of said sections; a plurality of even number, of inside sections, each of which is provided with a bearing plate, secured to each of two opposite inner surfaces thereof; each of said bearing plates having a bearing, formed in the central portion thereof and its ends adapted to form reinforcements, one for each corner of said section, and securing means whereby said bearing and said reinforcements are secured in said section; two channel bars, in each of said inside sections, said bars having their centers, respectively, rotatably secured, one to each of said bearings, said channel bars, being provided, each with a channel therein, and facing each other, and adapted to detachably hold merchandise carrying cards therein, by the edges thereof and detachable hinges secured on the edges of said inside sections and on the edges of said outside sections, by which said sections are foldably and detachably hinged together.

2. In a sectional, foldable display case, an inside section, comprising an open frame, provided with hinging means, adapted to foldably and detachably hinge the edges of said inside section, to the edges of other sections of a similar kind; two bearing plates, each having a bearing formed in the central portion thereof and the ends of said plates bent at right angles thereto for forming reinforcing and stiffening means for reinforcing and stiffening two corners of said inside section.

tion, and securing means, whereby said bearing plate and said reinforcements are secured in said section; two channel bars, each provided with a channel formed therein, and
5 securing means, whereby the central portion of each bar is pivotally secured respectively to each of said bearings, with their channels facing each other, said channels being adapted to detachably hold two merchandise car-

rying cards therein, by the edges of said 10 cards.

In testimony whereof we affix our signatures in the presence of two witnesses.

ROBERT E. BROWN.

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Witnesses:

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