

June 7, 1938.

A. LEWY

2,120,072

DISPLAY SCREEN

Filed Aug. 14, 1936

2 Sheets-Sheet 1

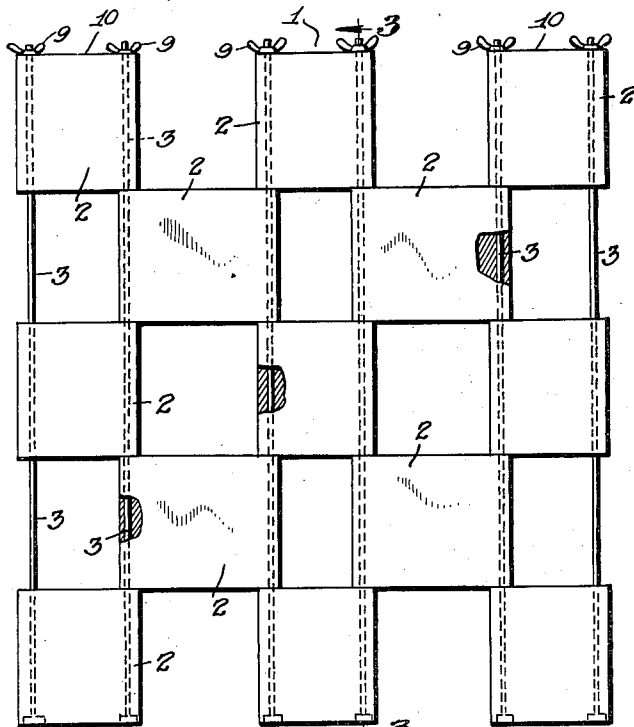


Fig. 1.

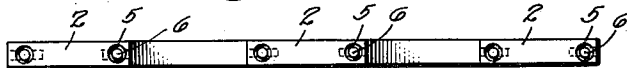


Fig. 2.

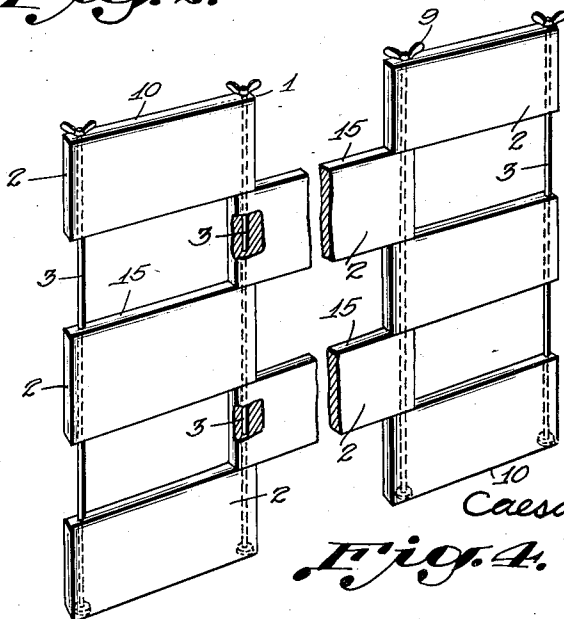


Fig. 4.

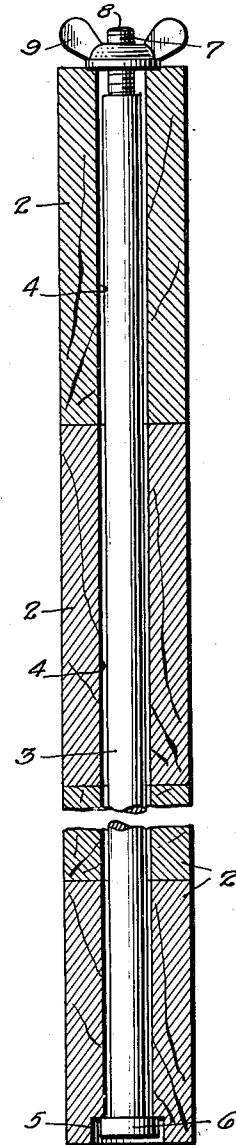


Fig. 3.

Inventor:
Archie Lewy
By
Caesar and Rivise
Attorneys

June 7, 1938.

A. LEWY

2,120,072

DISPLAY SCREEN

Filed Aug. 14, 1936

2 Sheets-Sheet 2

Fig. 5.

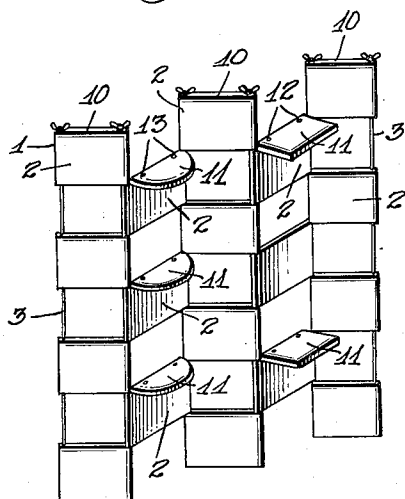


Fig. 6.

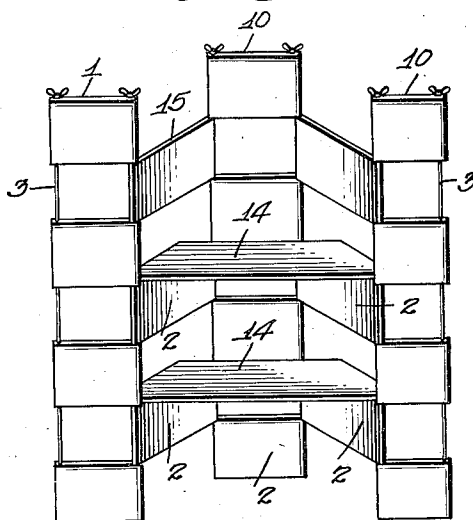


Fig. 7.

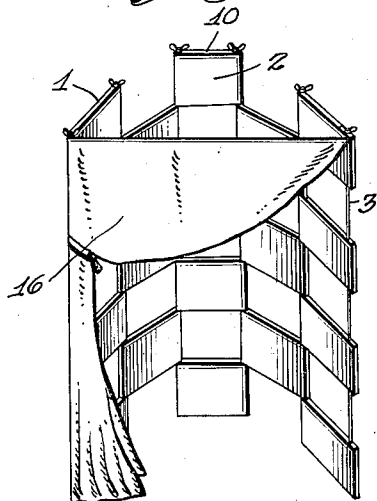
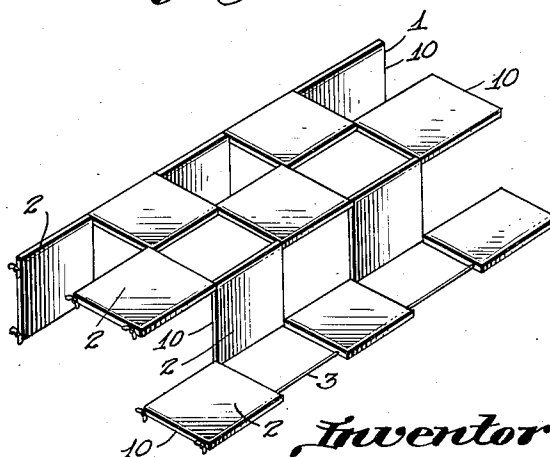


Fig. 8.



Inventor:

Archie Lewy

By

Caesar and Rivise

Attorneys

UNITED STATES PATENT OFFICE

2,120,072

DISPLAY SCREEN

Archie Lewy, Philadelphia, Pa.

Application August 14, 1936, Serial No. 96,031

3 Claims. (Cl. 40—28)

This invention relates to display screens and has for its objects the provision of a screen which can be caused to assume a variety of shapes, which can be used for a variety of purposes, and which can readily be made larger or smaller as may be desired.

I accomplish these purposes by forming a screen from a plurality of blocks arranged in checkerboard formation to form a plurality of sections with a plural number of spaced blocks in each section and by pivotally joining together the blocks of any two adjacent sections.

For the purpose of illustrating my invention I have shown in the drawings which form a part hereof one of the many forms into which my novel concepts may be incorporated, some of the many forms which my novel screen may be caused to take, and some of the many uses to which it may be put.

In said drawings Figure 1 is a plan view of my novel screen when spread out flat. Portions of certain of the blocks have been broken away to show the connecting rods which extend through and join said blocks.

Figure 2 is an end view of the screen shown in Figure 1.

Figure 3 is an enlarged section taken along the line 3—3 of Figure 1 with a portion intermediate the ends broken away to permit the illustration of the remainder on as large a scale as possible.

Figure 4 is an enlarged perspective view of the screen shown in Figure 1 with portions of certain blocks being broken away to show the connecting rods and with a portion intermediate the ends broken away to permit the illustration of the remainder on as large a scale as possible.

Figures 5, 6, 7 and 8 are perspective views showing some of the many possible arrangements of my novel screen.

Referring more particularly to the drawings wherein similar reference numerals denote similar parts reference numeral 1 designates my screen as a unit which consists of a plurality of independent blocks 2 in checkerboard formation pivotally mounted upon and joined together by rods 3 which extend through suitable apertures 4 formed in each of the blocks 2.

The lowermost of the blocks 2 each has a bore 5 formed therein which receives the head 6 of the rod 3. The upper end 7 of each rod 3 is threaded as at 8 and has mounted thereon the wing nut 9. This structure makes possible the ready addition to or removal of rows of blocks from the screen whenever desired.

Because of the foregoing structure my screen consists of a plurality of sections 10 each composed of a plurality of blocks 2 in checkerboard formation with the blocks of each section 10 rotatable as a unit with respect to the blocks of every other section 10 through an angle of practically three hundred sixty degrees (360°). As a result my screen may be caused to assume an infinite number of forms and shapes. This mobility makes it possible for the screen to be used in a variety of ways among which are the following: As a screen, as a complete background, as a platform, as a column, as a drapery fixture, as a stand to hold shelves, as shadow boxes, and in conjunction with pedestals.

Some of these uses are shown in Figures 5 to 8 inclusive. In Figure 5 the screen serves as a background and to hold shelves 11 which are attached to the blocks 2 by means of screws 12 or nails 13. In Figure 6 the screen serves as a background and to hold the shelves 14 which are supported by the upper faces 15 of the blocks 2. In Figure 7 the screen serves as a drapery fixture to support the drape 16. And in Figure 8 the screen serves as a platform.

The above disclosure is to be understood as being by the way of illustration only and not by the way of limitation since many changes may be made in the structure herein shown without departing from the spirit of my invention which in one of its aspects consists in forming a screen of a plurality of sections each composed of a plurality of blocks in checkerboard formation with each section rotatable as a unit with respect to every other section through an angle of practically three hundred and sixty degrees (360°). In another of its aspects my invention consists in providing the screen hereinabove described with readily removable pivotal joining means whereby the sections may be readily added to or removed from the screen. The changes aforesaid, among other things may include changes in the shape and size of the blocks, changes in the number of sections used in any particular screen, and changes in the material used. For these reasons it is my desire that the claims which I have hereunto appended for the purpose of defining my invention should be limited only by the prior art.

Having described my invention what I claim as new and useful is:

1. A display screen consisting of a plurality of sections each composed of a plural number of blocks in spaced relationship, means pivotally connecting together the adjacent blocks of any

two contiguous sections, and a rod extending through and connecting together the free ends of each of the blocks in each of the end sections.

5 2. A display screen consisting of a plurality of blocks arranged in checker board formation to form a plurality of sections with a plural number of spaced blocks in each section; a rod threaded at one of its ends extending through and pivotally joining together the blocks of any two
10 adjacent sections; a rod threaded at one of its ends extending through and connecting together the free ends of each of the blocks in each of the

end sections; and a nut threadably mounted on said threaded end of each of said rods.

3. A display screen consisting of a plurality of sections each composed of a plural number of blocks in spaced relationship; a rod extending
5 through and pivotally joining together all of the blocks of any two adjacent sections; and a rod extending through and connecting together the free ends of each of the blocks in each of the end
10 sections.

ARCHIE LEWY.