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(12) **United States Design Patent** (10) **Patent No.:** **US D833,969 S**  
**Kojima et al.** (45) **Date of Patent:** **\*\* Nov. 20, 2018**

(54) **PORTABLE SOLAR PANEL**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/643,726**

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**Related U.S. Application Data**

(62) Division of application No. 29/606,451, filed on Jun. 5, 2017, now Pat. No. Des. 817,867.

(30) **Foreign Application Priority Data**

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Dec. 5, 2016 (JP) ..... 2016-026361

(Continued)

(51) **LOC (11) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/102**

(58) **Field of Classification Search**  
USPC ..... D13/101, 102, 118, 184, 199

(Continued)

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(57) **CLAIM**

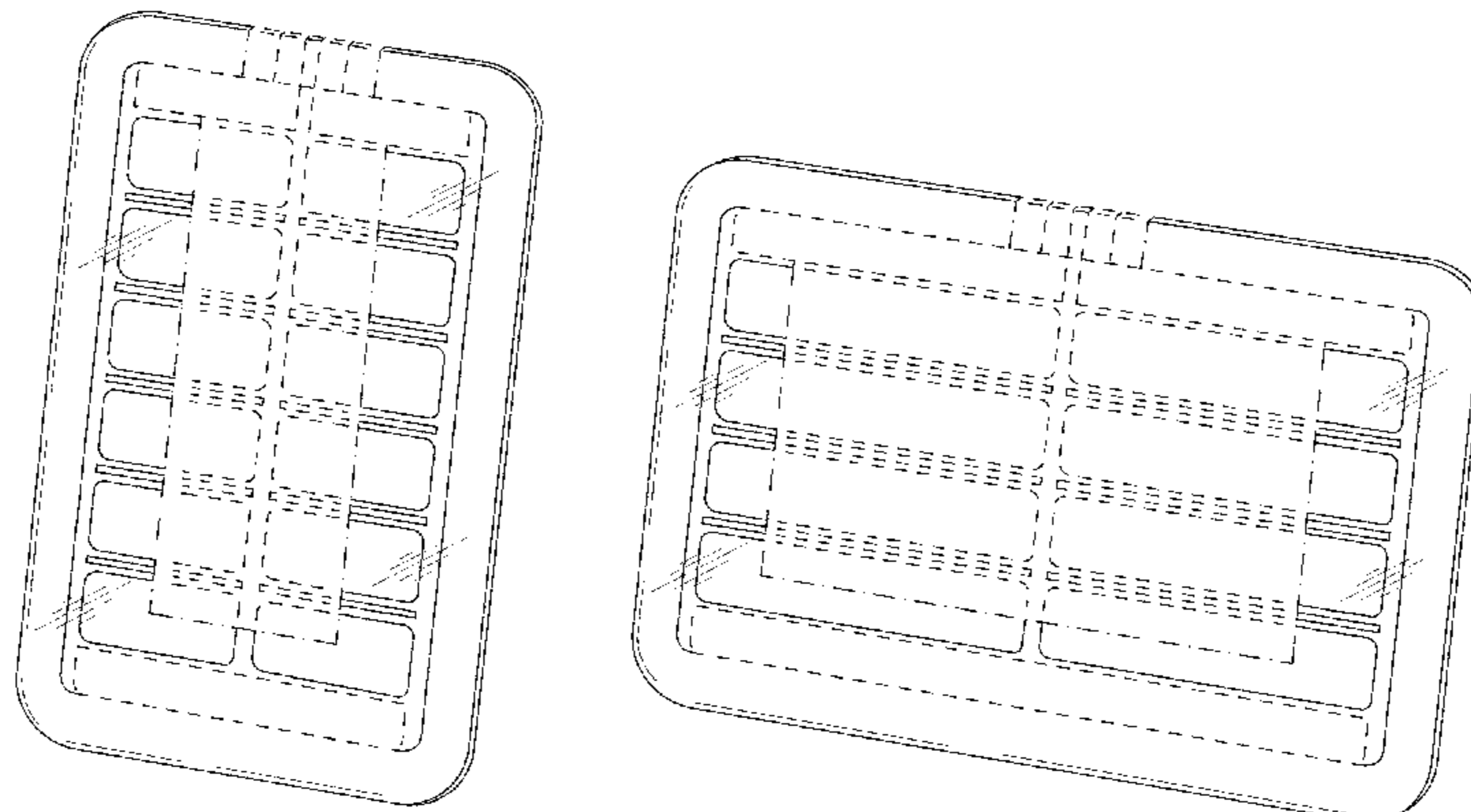
The ornamental design for a portable solar panel, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an embodiment of a portable solar panel showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a front perspective view of another embodiment of a portable solar panel showing our new design;  
FIG. 8 is a front view thereof;  
FIG. 9 is a top view thereof;  
FIG. 10 is a right side view thereof;  
FIG. 11 is a rear view thereof; and,  
FIG. 12 is a bottom view thereof.

The broken lines shown in the figures are included for the purpose of illustrating portions of the portable solar panel and form no part of the claimed design. The solar panel of the first embodiment comprises photovoltaic cells and a transparent main plate. The solar panel of the second embodiment comprises photovoltaic cells and a translucent main plate.

**1 Claim, 12 Drawing Sheets**



(30) **Foreign Application Priority Data**

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Dec. 5, 2016 (JP) ..... 2016-026363

(58) **Field of Classification Search**

CPC ..... H01L 31/00; H01L 31/02; H01L 31/042;  
H01L 31/045; H01L 31/046; H01L  
31/048; H01L 31/05; H01L 31/052; H02S  
30/00; H02S 20/10; H02S 20/23

See application file for complete search history.

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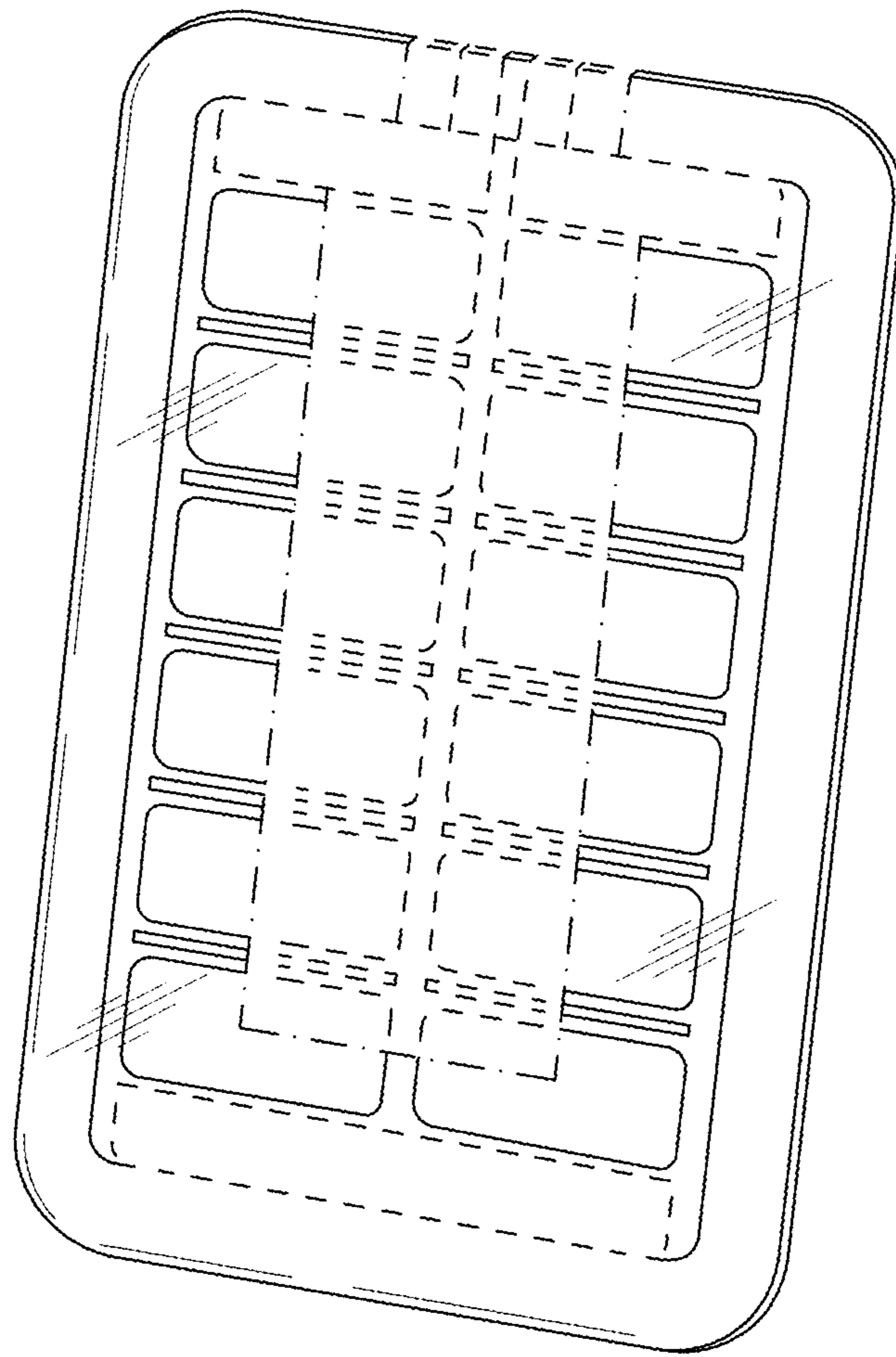
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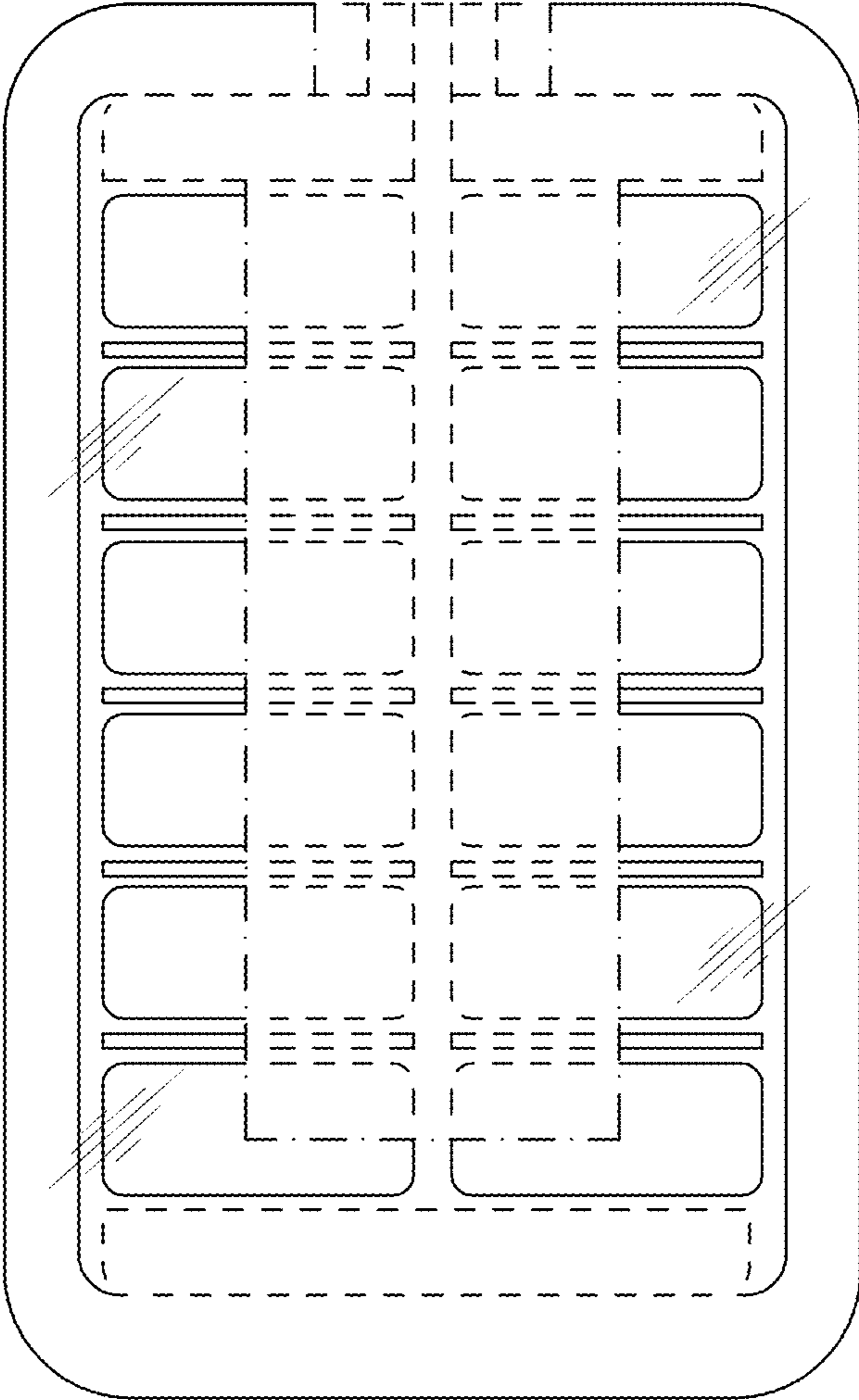
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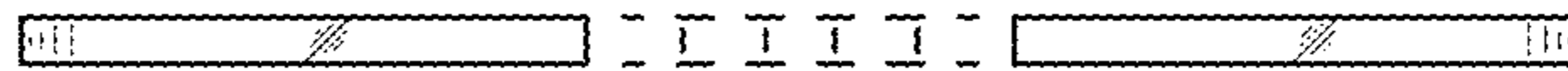
*FIG. 1*



*FIG. 2*



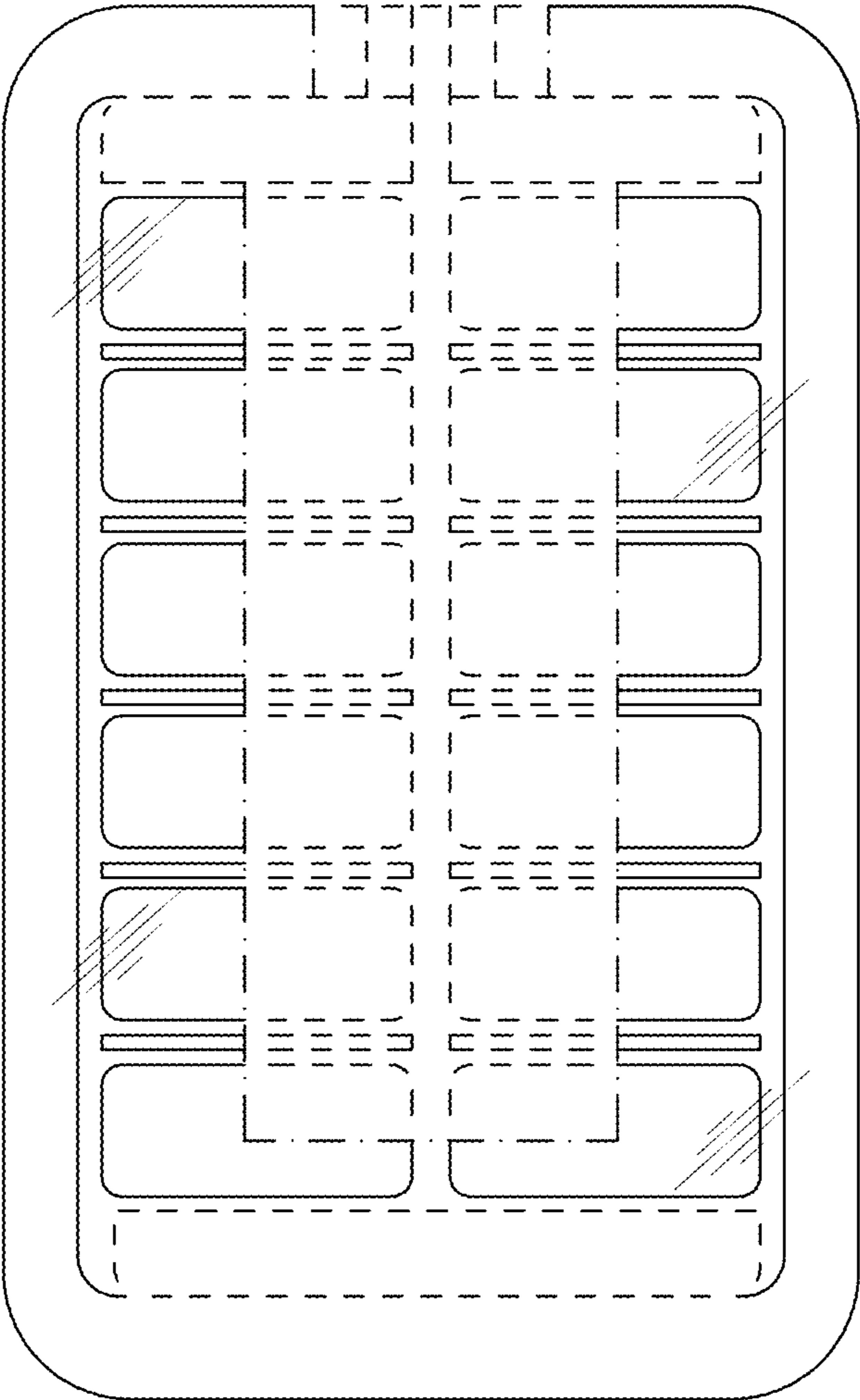
*FIG. 3*



*FIG. 4*



*FIG. 5*

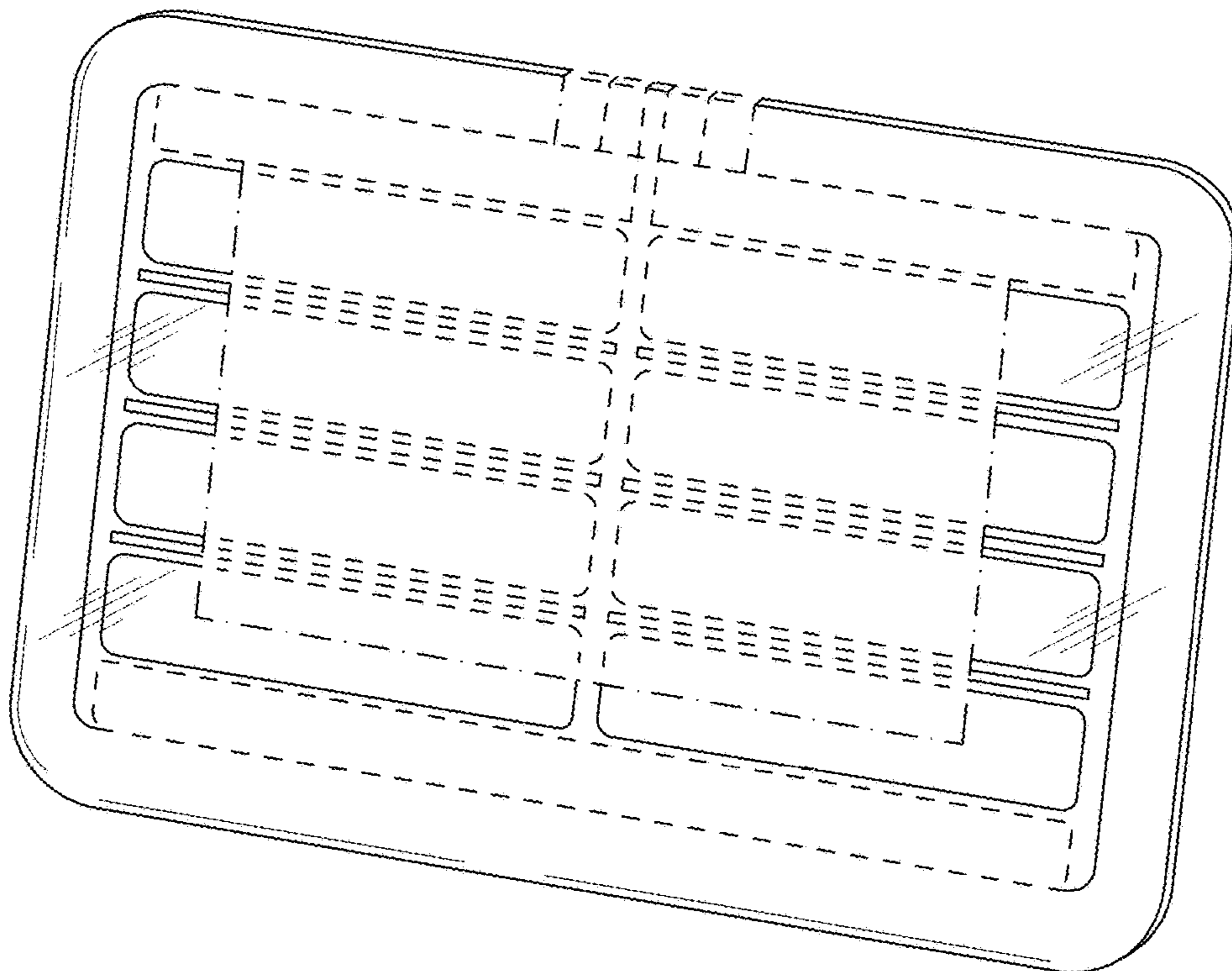


*FIG. 6*

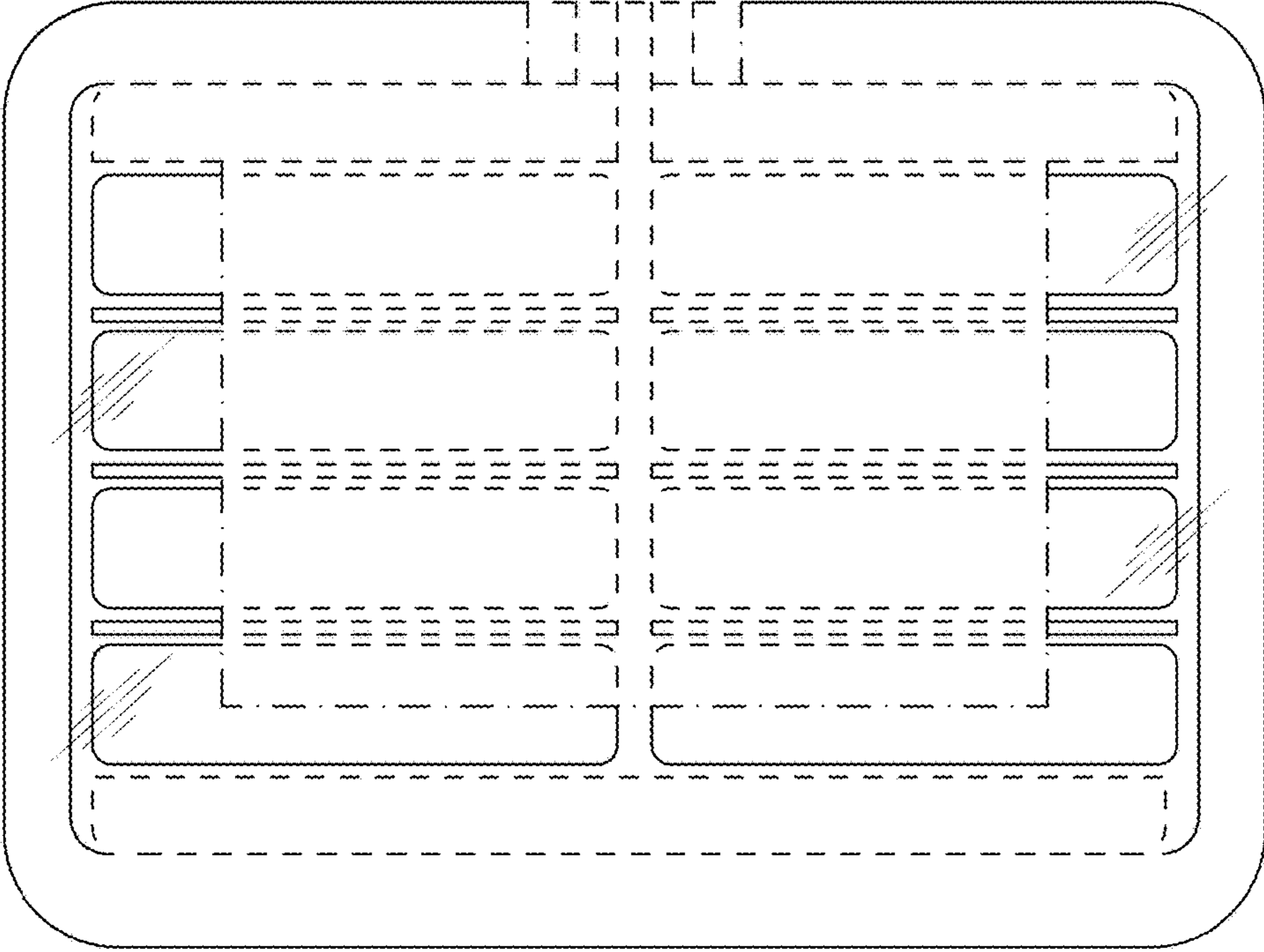




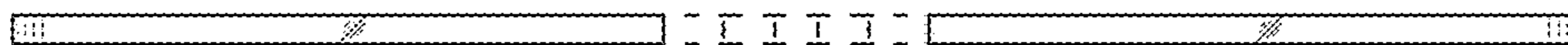
*FIG. 7*



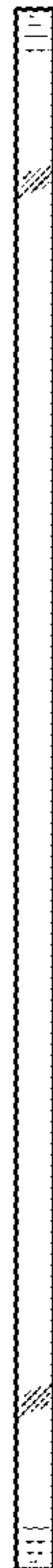
*FIG. 8*



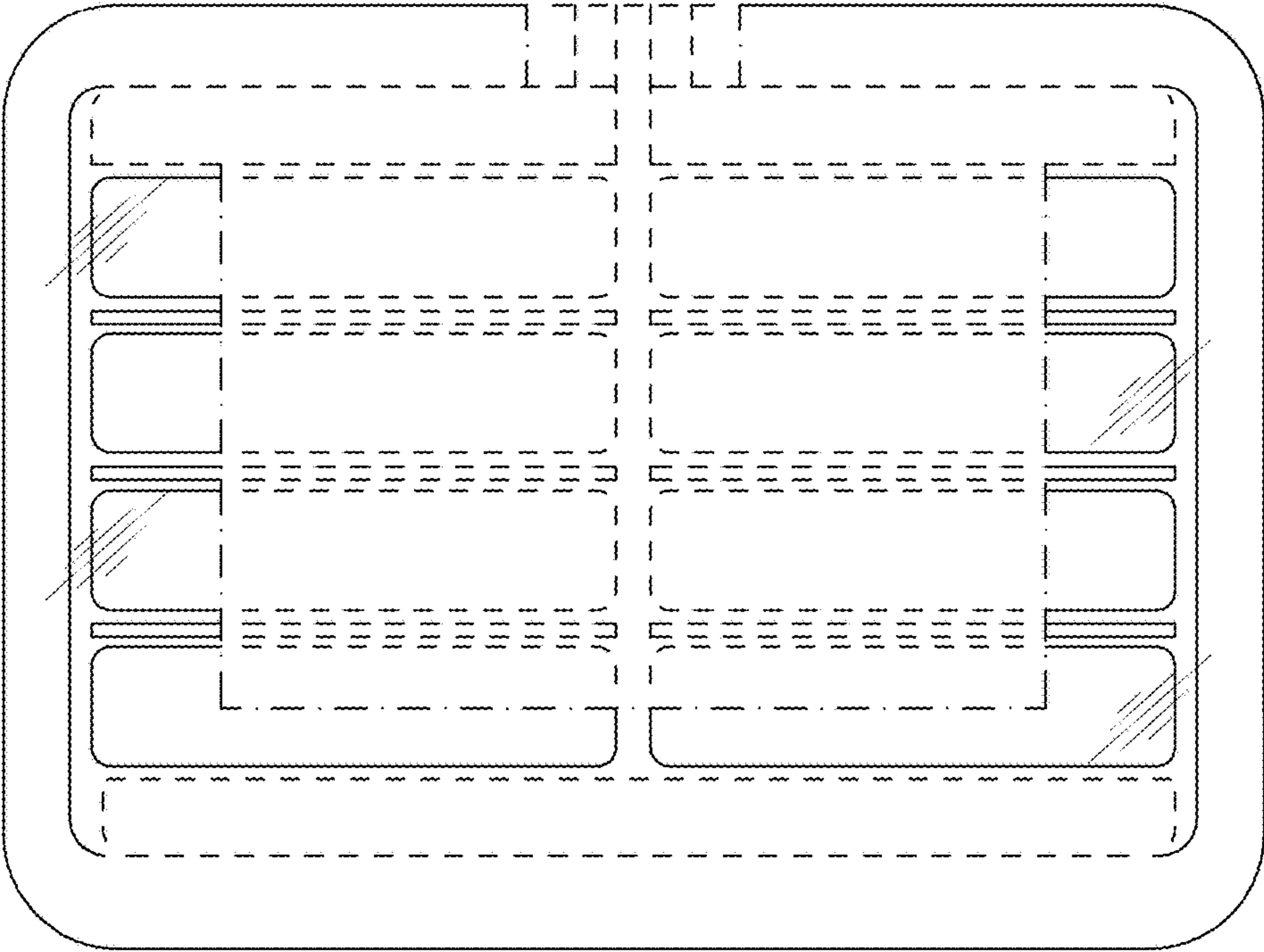
*FIG. 9*



*FIG. 10*



*FIG. 11*



*FIG. 12*

