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(12) **United States Design Patent**  
**Liu**

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(54) **HEAD THERAPY TREATMENTS EQUIPMENT**

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

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(52) **U.S. Cl.**  
USPC ..... **D24/209**

(58) **Field of Classification Search**

USPC ..... D24/188-192, 124-126, 132, 199, 200, D24/206, 209, 210, 107, 214, 215, 185, D24/186, 231; D26/37-39, 76, 104, 106, D26/120; D28/9; D29/102, 103

CPC .... A61N 5/062; A61N 5/0614; A61N 5/0616; A61N 5/0617; A61N 5/0618; A61N 5/0624; A61N 5/0627; A61N 5/0625; A61N 2005/0643; A61N 2005/0644; A61N 2005/0645; A61N 2005/0647; A61N 2005/0651; A61N 2005/0652; A61N 2005/0654; A61N 2005/0662; A61B 2018/00452; A61B 2018/1807

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,434,607 A \* 11/1922 Gilson ..... A42B 1/049  
132/274  
7,503,927 B1 \* 3/2009 Vetanze ..... A61N 1/322  
607/152  
D623,308 S \* 9/2010 Kramer ..... D24/209  
D704,338 S \* 5/2014 Van Den Bergh ..... D24/231  
D739,087 S \* 9/2015 Jennings ..... D29/102  
D819,823 S \* 6/2018 Pelletier ..... A61N 1/322  
D24/209

D831,839 S \* 10/2018 Pelletier ..... G16H 40/67  
D24/209  
D833,025 S \* 11/2018 Lay ..... A61L 15/50  
D24/209  
D914,901 S \* 3/2021 Dijkstra ..... A61F 15/008  
D24/210  
D919,826 S \* 5/2021 Park ..... D24/209  
D919,827 S \* 5/2021 Lee ..... D24/209  
D920,529 S \* 5/2021 Liu ..... D24/209  
D920,583 S \* 5/2021 Raja ..... A42B 1/242  
D29/103  
D933,843 S \* 10/2021 Lee ..... D24/209  
D935,041 S \* 11/2021 Michaels ..... D24/209  
D942,698 S \* 2/2022 Schneider ..... H02J 7/00  
D29/102  
D964,662 S \* 9/2022 Votel ..... D29/102

(Continued)

**OTHER PUBLICATIONS**

Dgyao Flexible Red Light Therapy Review, [site visited Oct. 12, 2022]. Available from Internet. URL: <https://www.youtube.com/watch?v=KHMkynOf00E> (Year: 2021).\*

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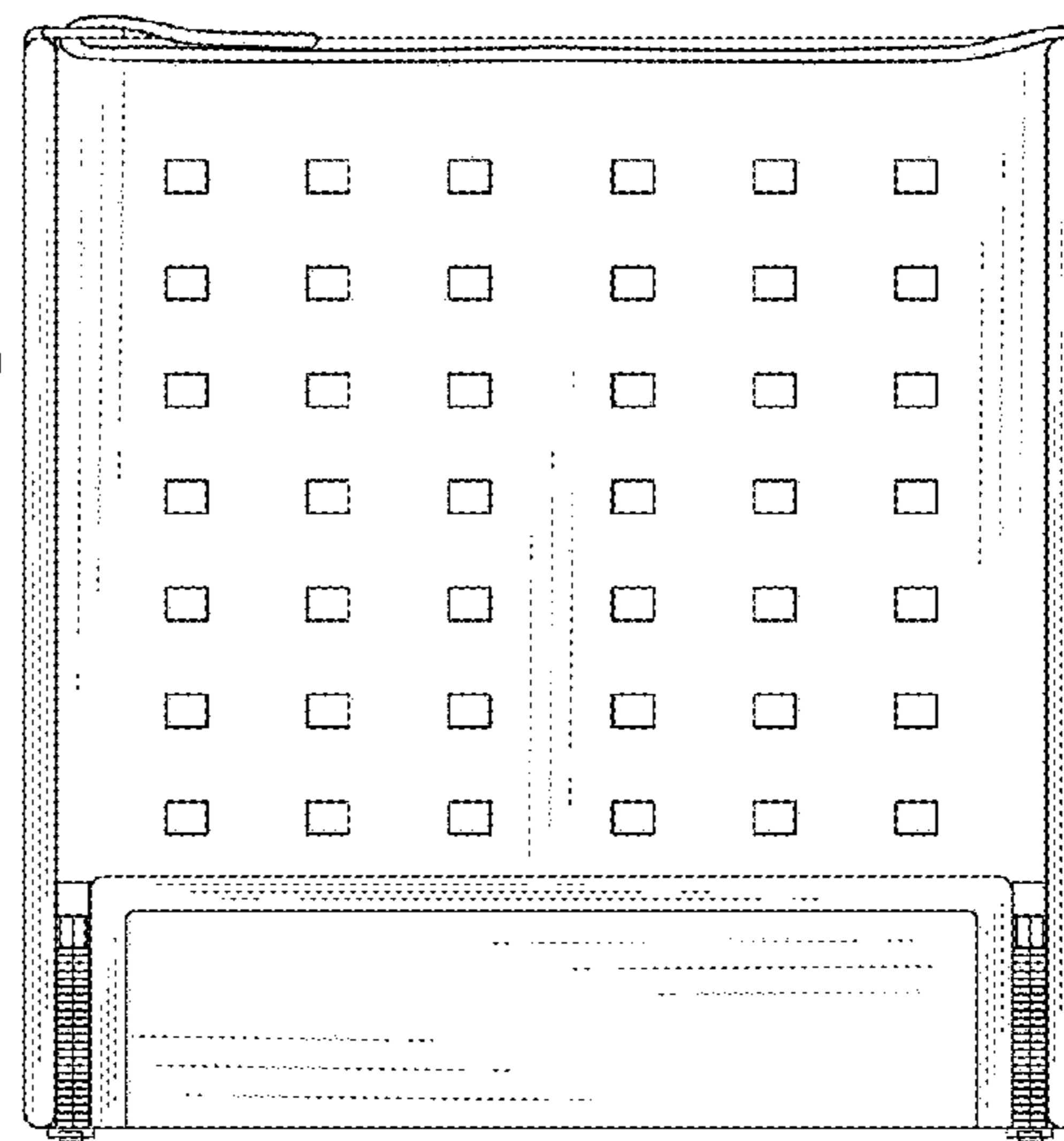
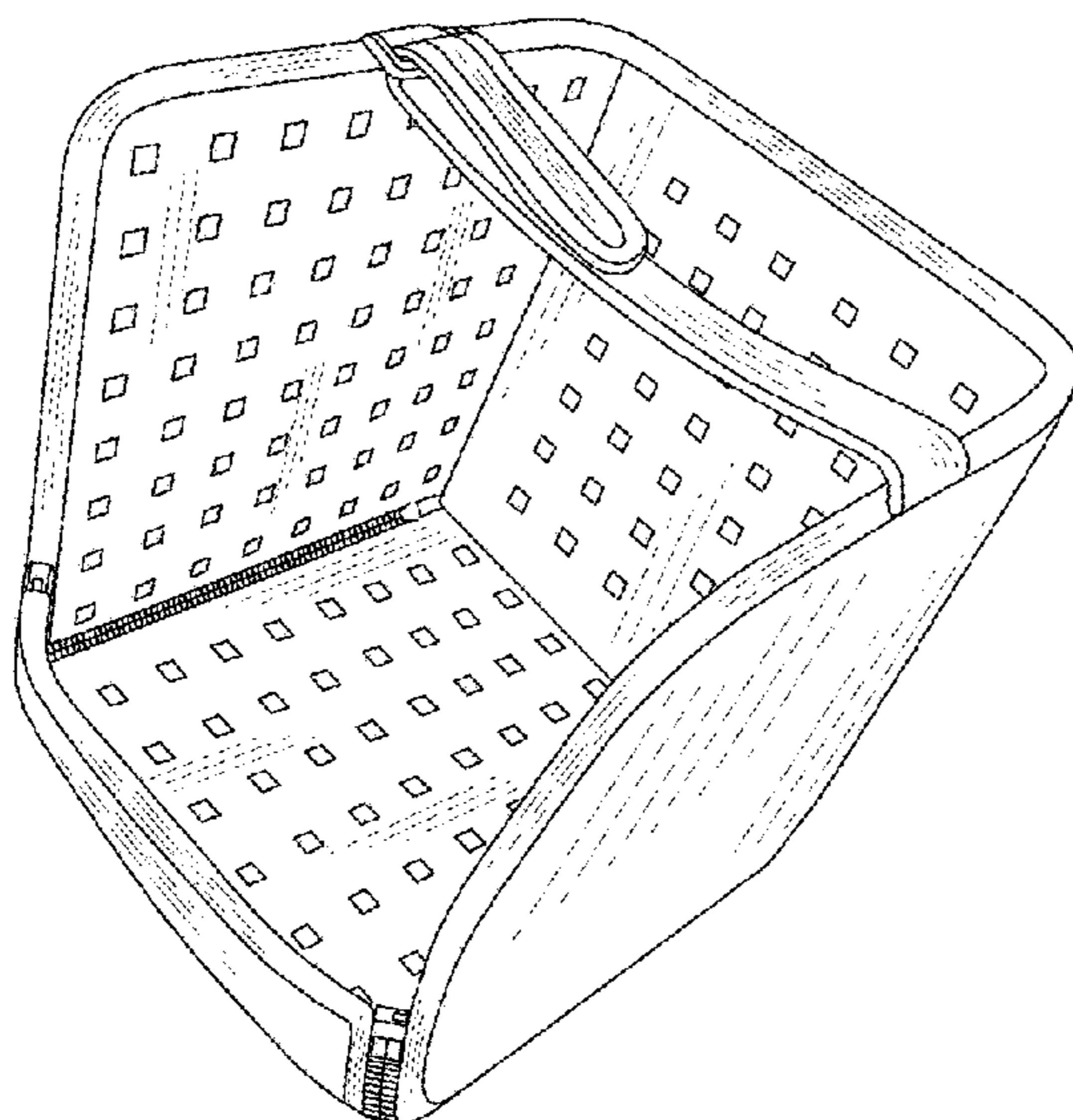
(57) **CLAIM**

The ornamental design for a head therapy treatments equipment, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a head therapy treatments equipment showing my new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines depict stitching lines which form part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2007/0156208 A1\* 7/2007 Havell ..... A61N 5/0616  
607/88  
2009/0312822 A1\* 12/2009 Besner ..... A61N 5/06  
607/100  
2016/0056653 A1\* 2/2016 Tapper ..... H02J 7/00  
607/91  
2016/0175609 A1\* 6/2016 Dye ..... A61N 5/0616  
607/90  
2018/0056087 A1\* 3/2018 Ribeiro ..... A61M 1/915  
2019/0060508 A1\* 2/2019 Chien ..... A61L 15/50  
2019/0070431 A1\* 3/2019 Zivin ..... A42B 1/242  
2019/0200691 A1\* 7/2019 DeLise ..... A61F 15/008  
2020/0282229 A1\* 9/2020 Marzolf ..... G16H 40/67  
2022/0203117 A1\* 6/2022 Wasserbauer ..... A61N 5/0617

\* cited by examiner

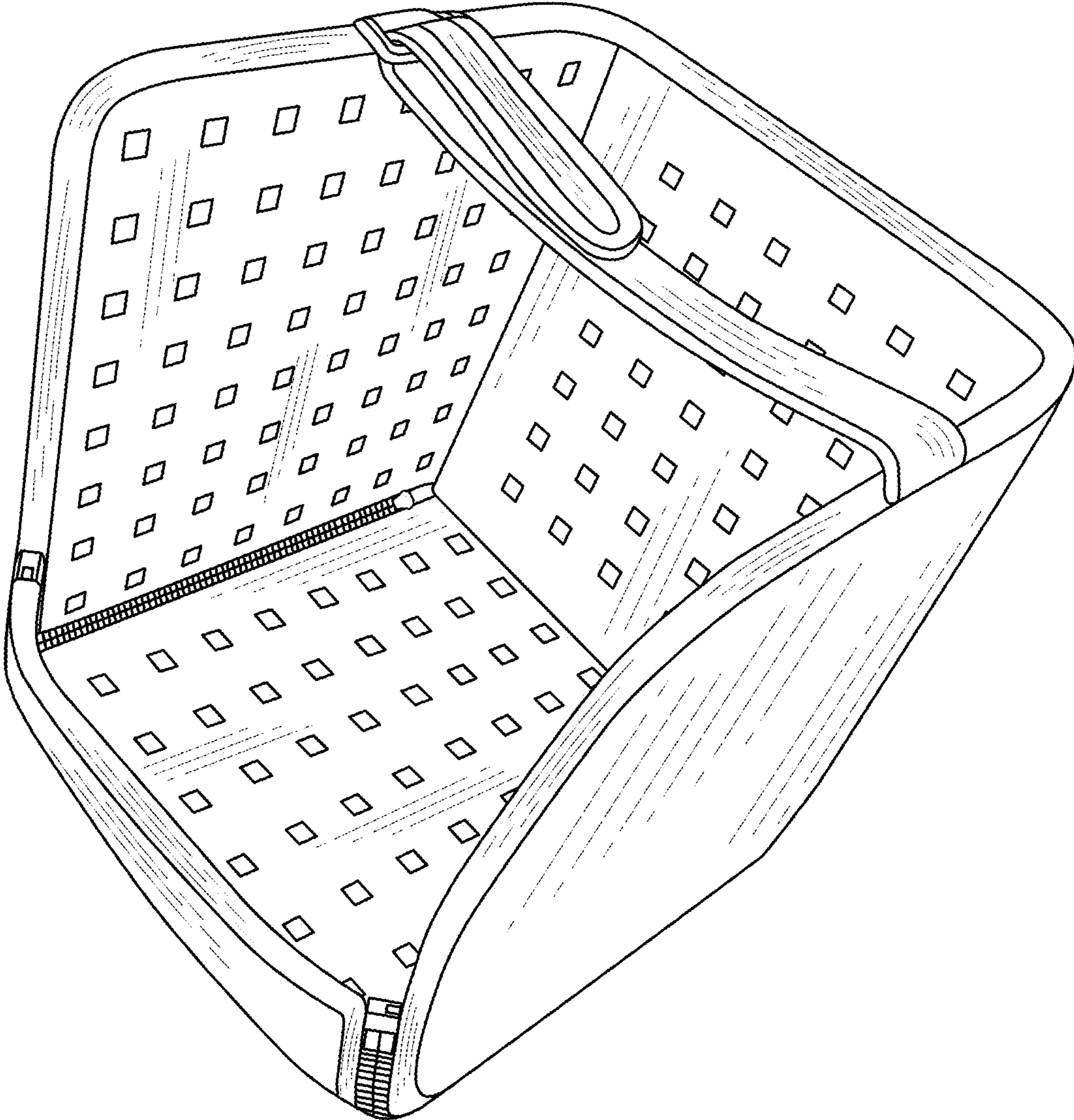


FIG. 1

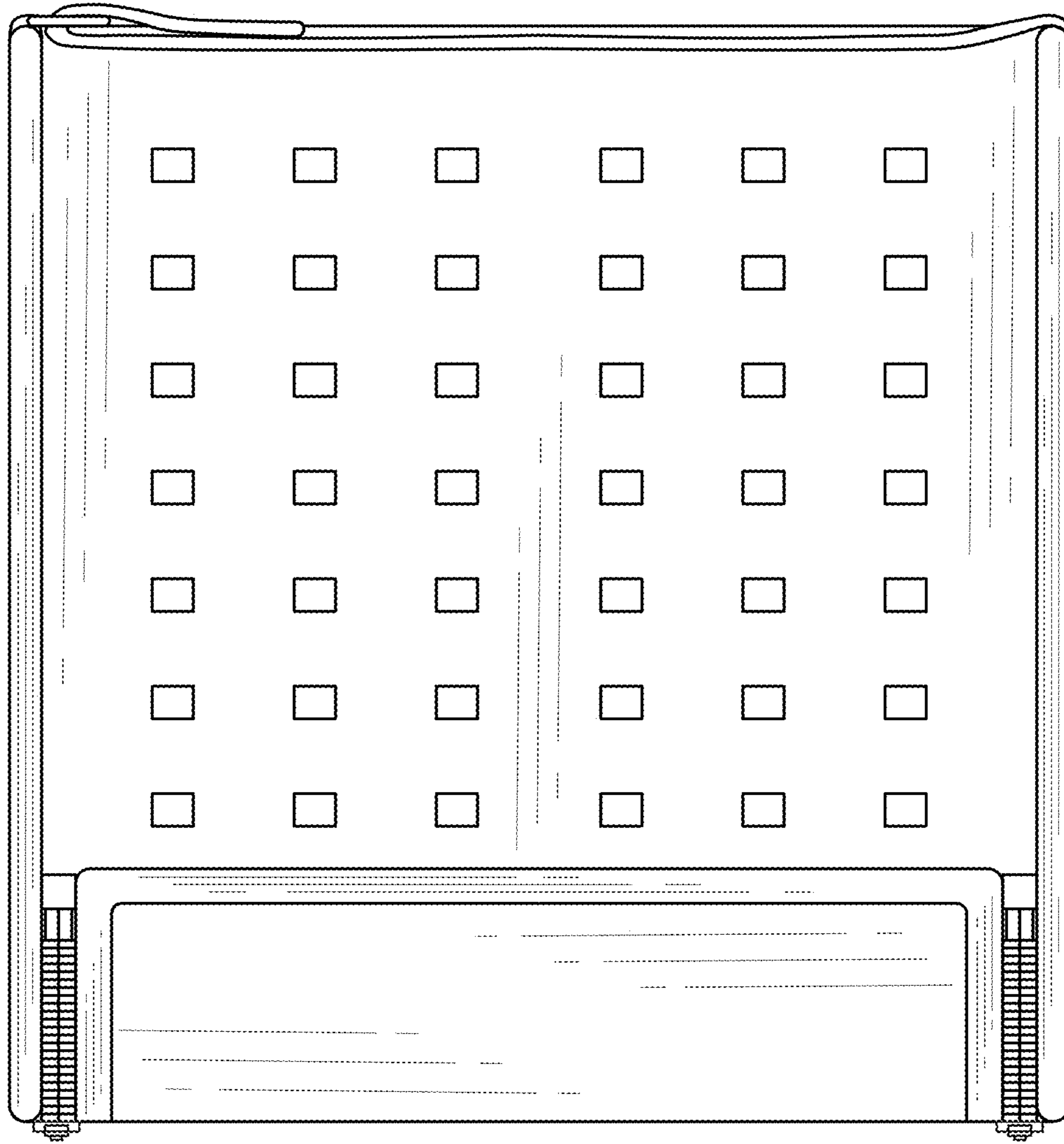


FIG. 2

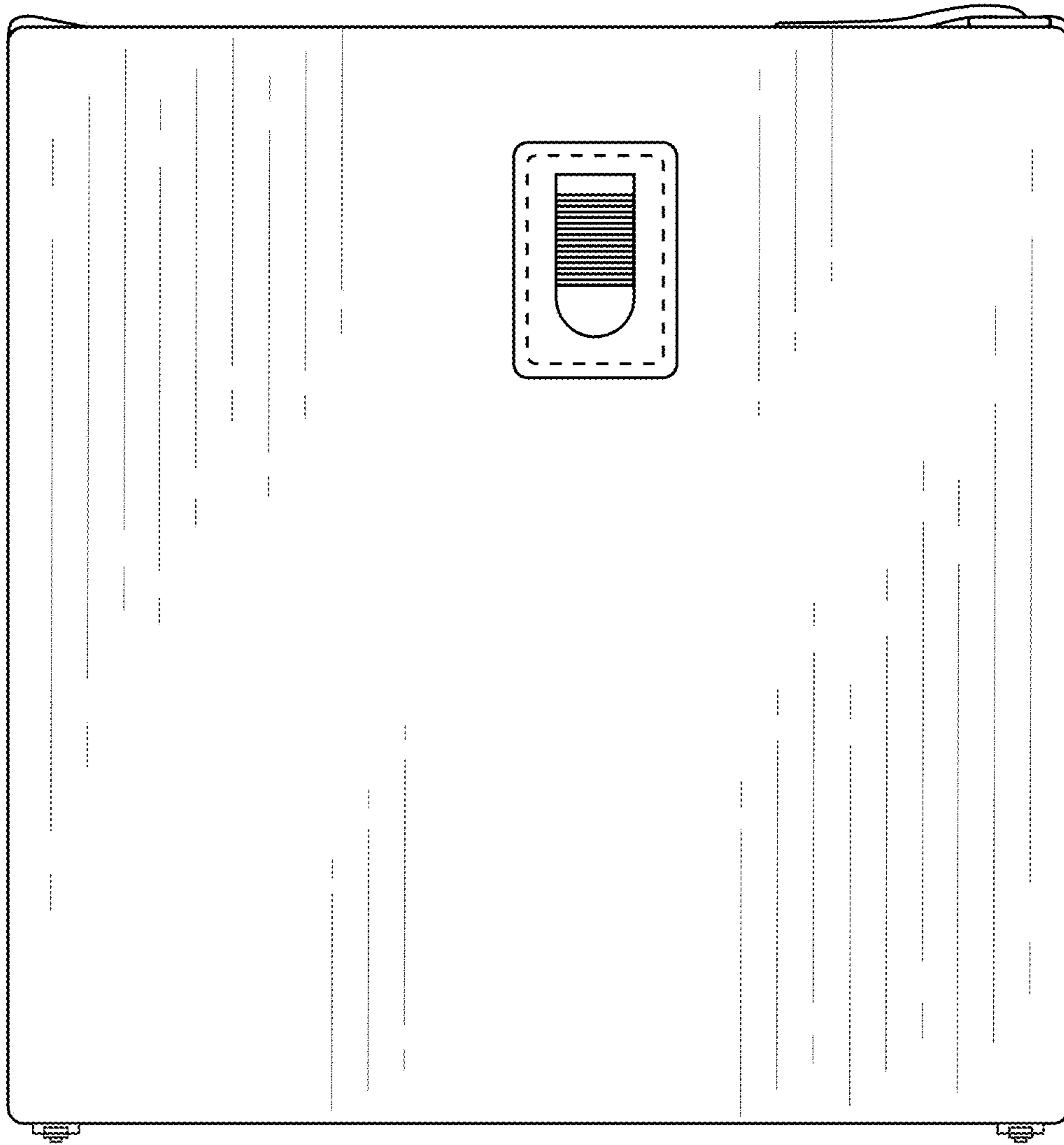


FIG. 3

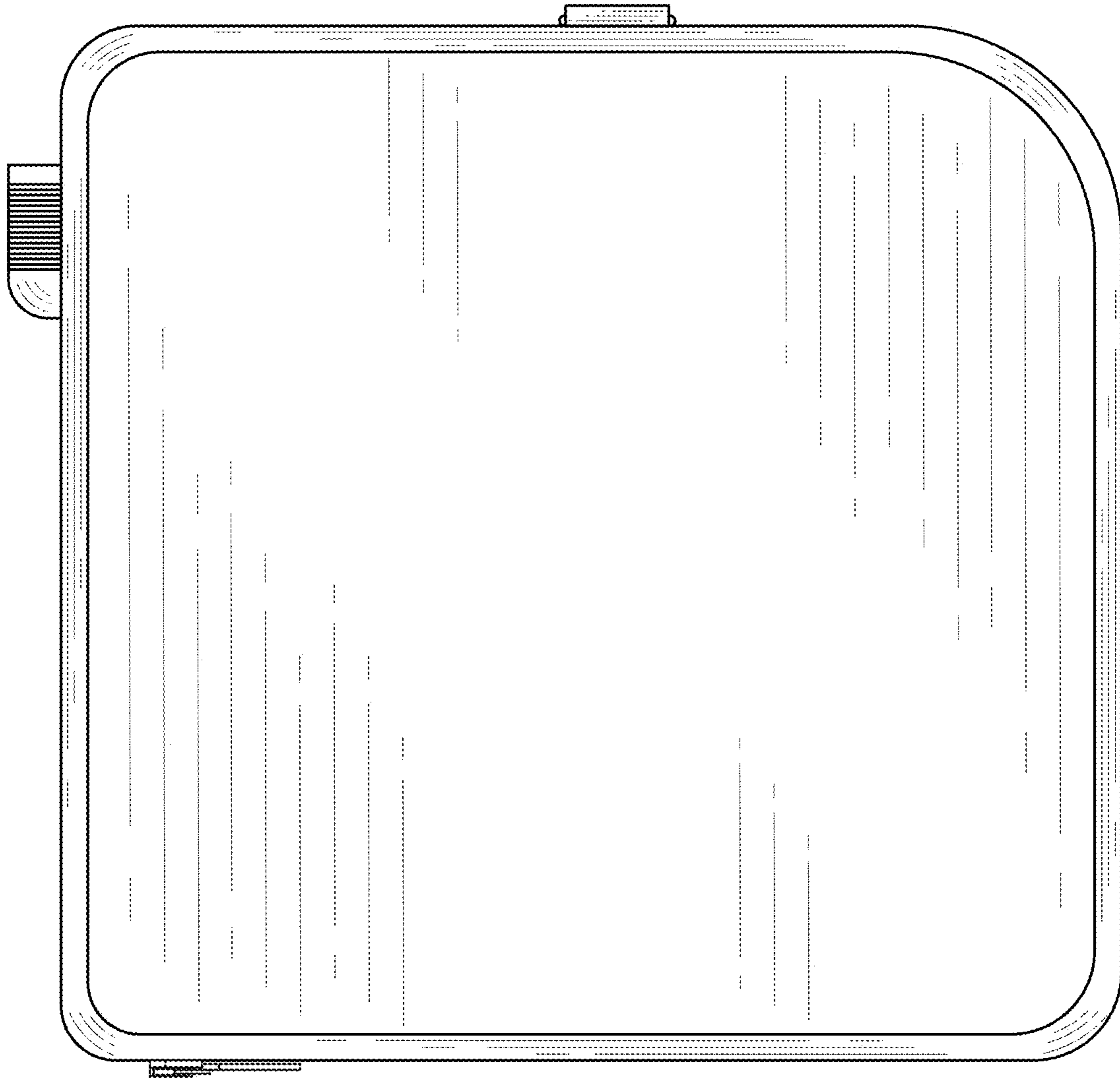


FIG. 4



FIG. 5

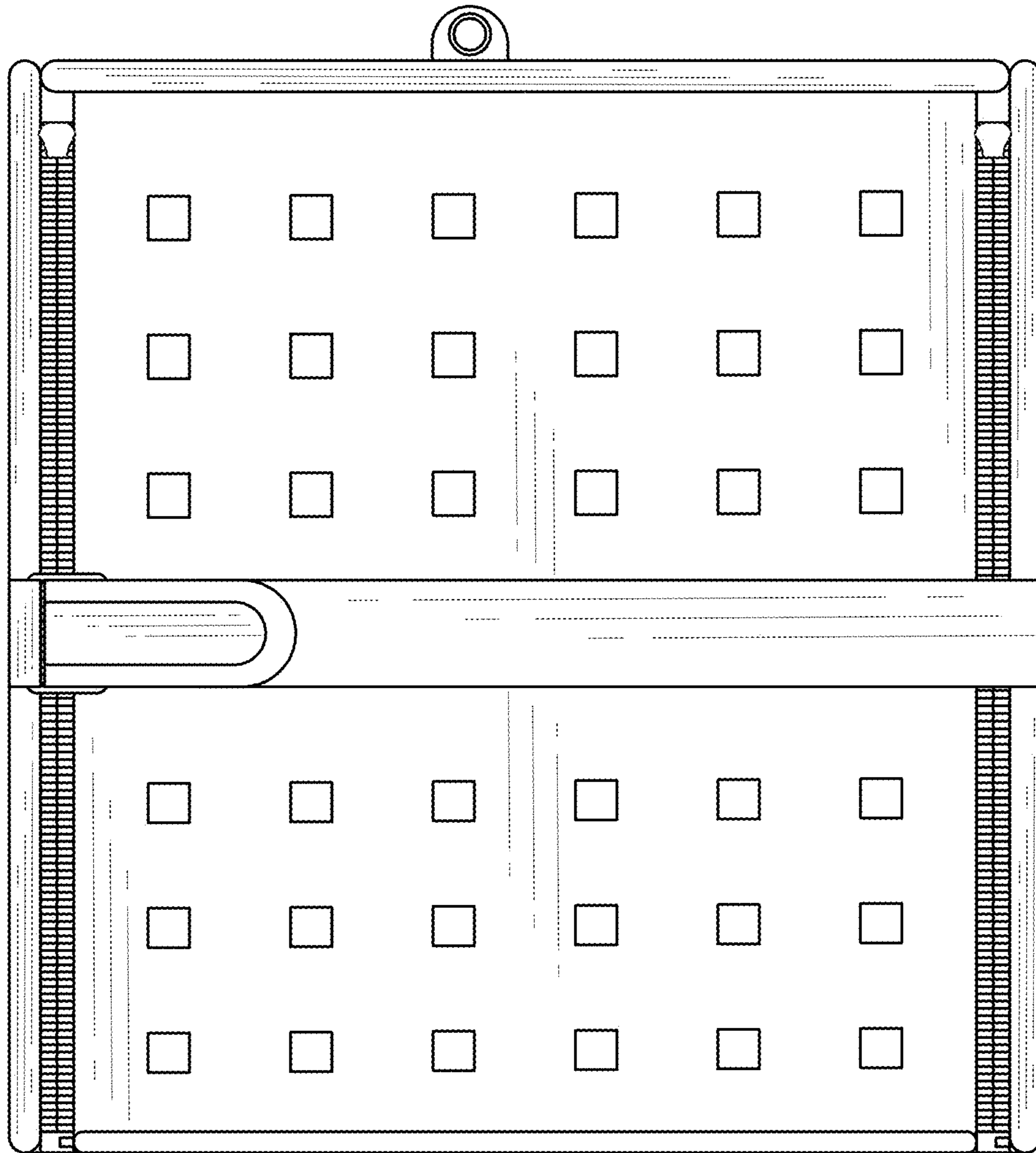


FIG. 6



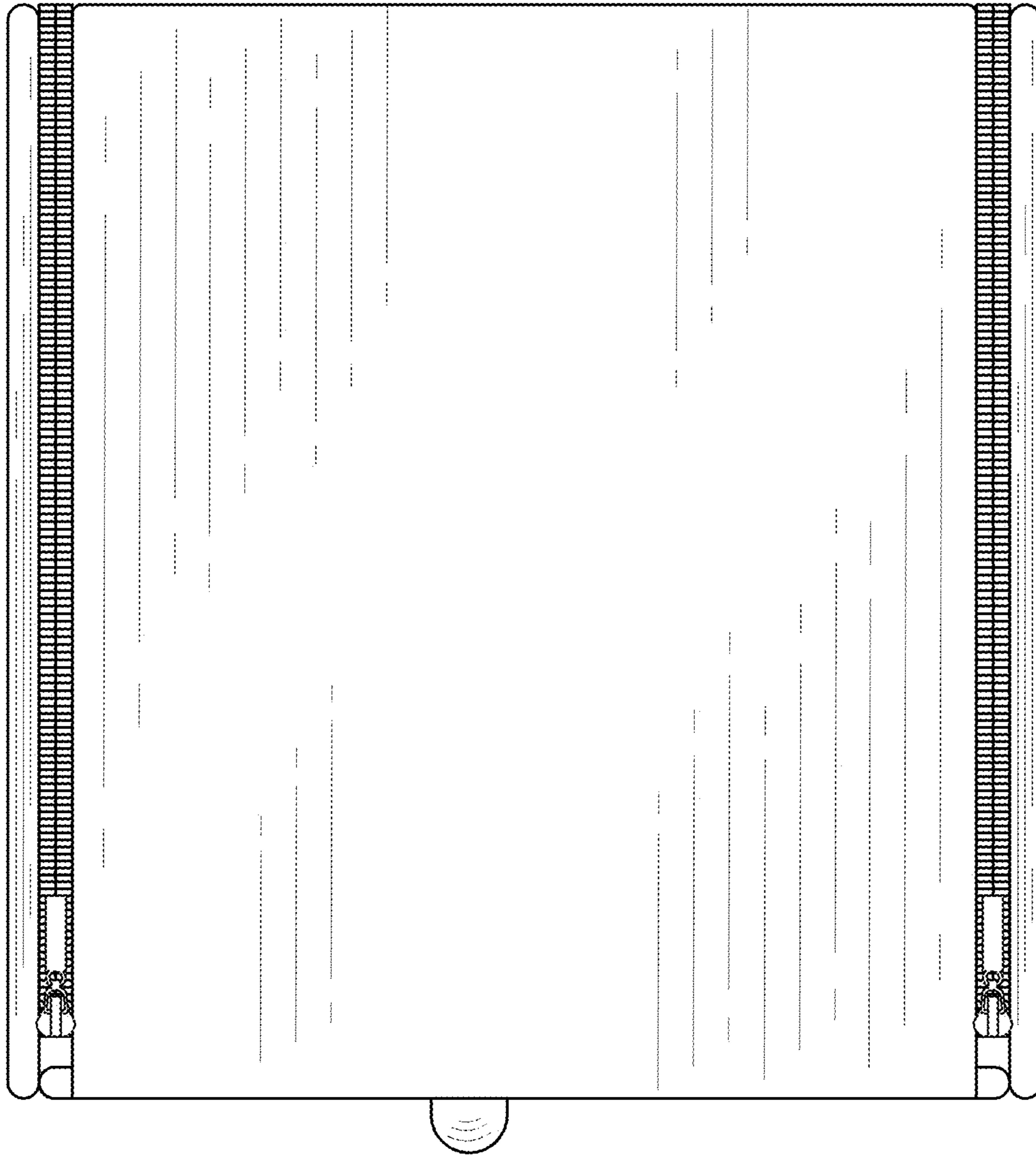


FIG. 7