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(12) **United States Design Patent**
Zheng et al.

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(54) **PORTABLE ENERGY STORAGE AND DISTRIBUTION DEVICE**

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(**) Term: **14 Years**

(21) Appl. No.: **29/514,490**

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(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/110**

(58) **Field of Classification Search**

USPC D13/110, 108, 118, 123, 162, 168, 169,
D13/174, 177, 184, 199; D14/257, 432,
D14/438; 174/16.3, 17 R, 17.08;
361/600, 601, 690, 694, 695, 679.01,
361/679.61, 704, 730; 363/141, 142
CPC H05K 5/00; H05K 5/02; H05K 5/0247;
H05K 7/00; H05K 7/20; H05K 7/20136;
H05K 7/20154; H05K 7/209; H02M 7/00;
H02M 7/003; H02M 2001/009; H02J
7/0042; Y10T 307/367

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,742,478 A * 4/1998 Wu H05K 7/20154
361/704
5,949,640 A * 9/1999 Cameron H02M 7/003
361/600
D427,148 S * 6/2000 Wei D13/110
D433,994 S * 11/2000 Jobs D13/110
D495,296 S * 8/2004 Hussaini D13/110
D551,621 S * 9/2007 Iacovelli D13/110
7,298,627 B2 * 11/2007 Hussaini H02J 7/0042
361/753
D627,719 S * 11/2010 DuMelle D13/110

* cited by examiner

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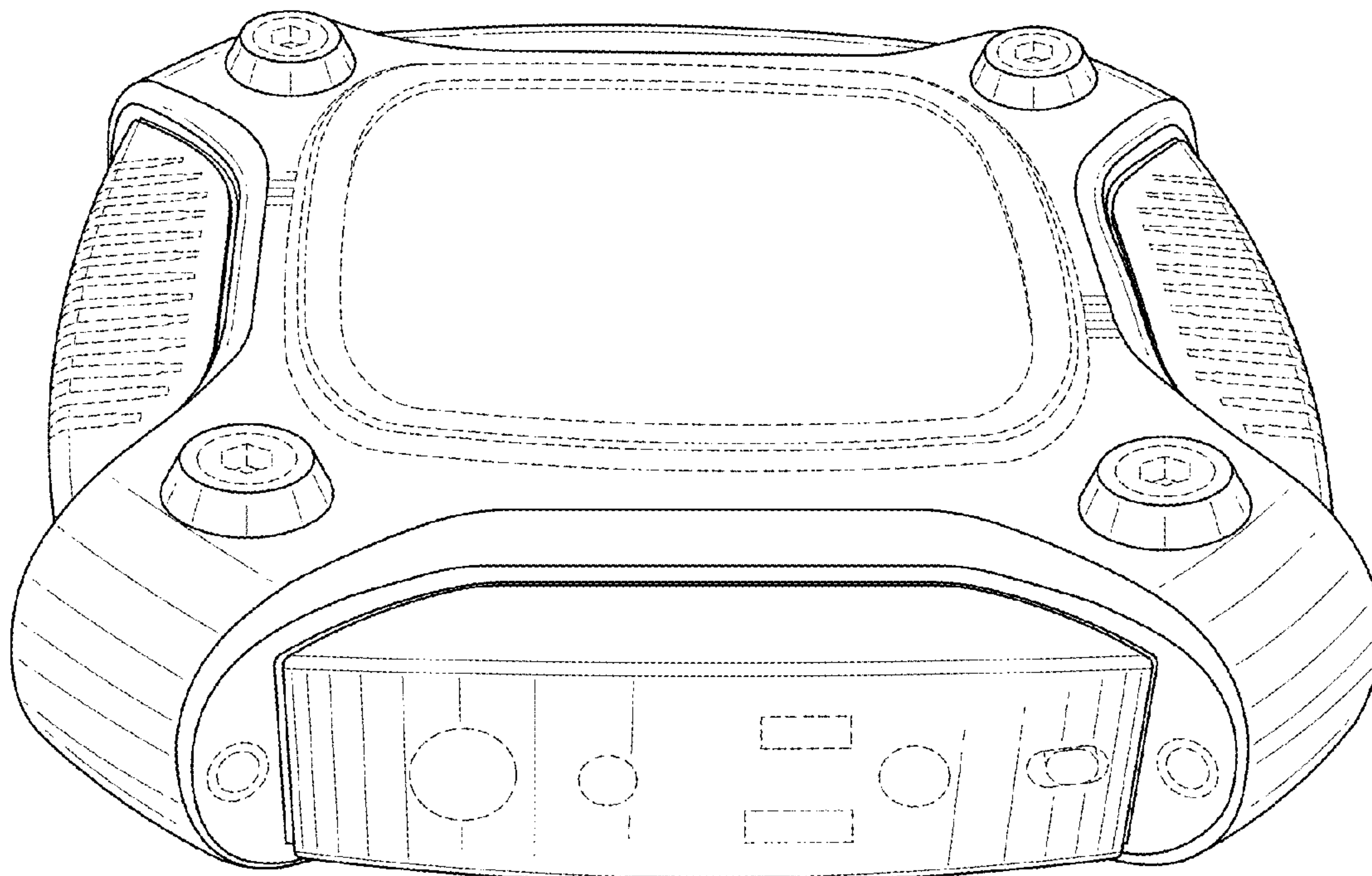
(57) **CLAIM**

The ornamental design for a portable energy storage and distribution device, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a portable energy storage and distribution device showing our new design; FIG. 2 is a bottom plan view thereof; FIG. 3 is a front perspective view thereof; FIG. 4 is a back perspective view thereof; FIG. 5 is a left side perspective view thereof; and, FIG. 6 is a right side perspective view thereof. The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



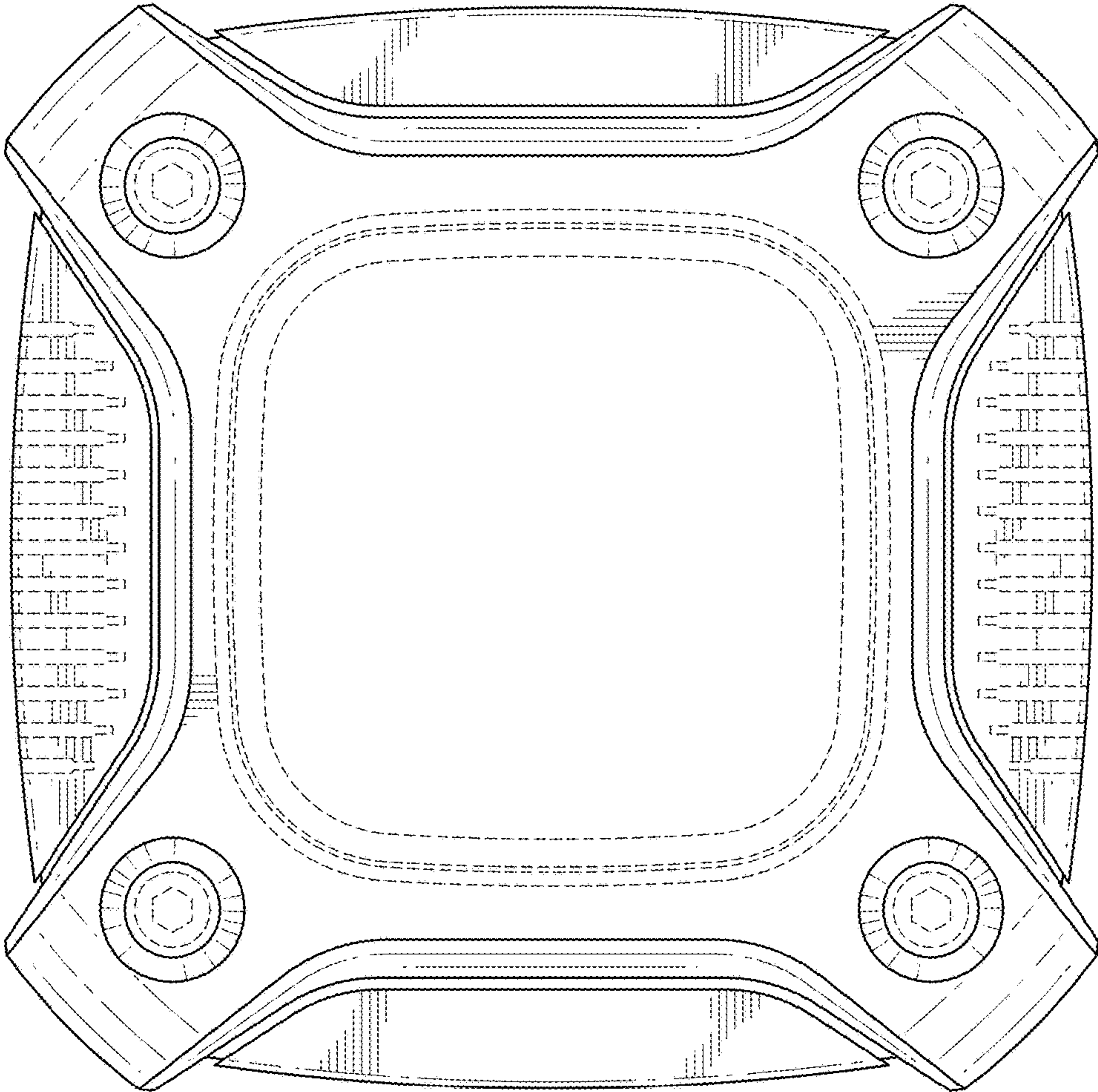


FIG. 1

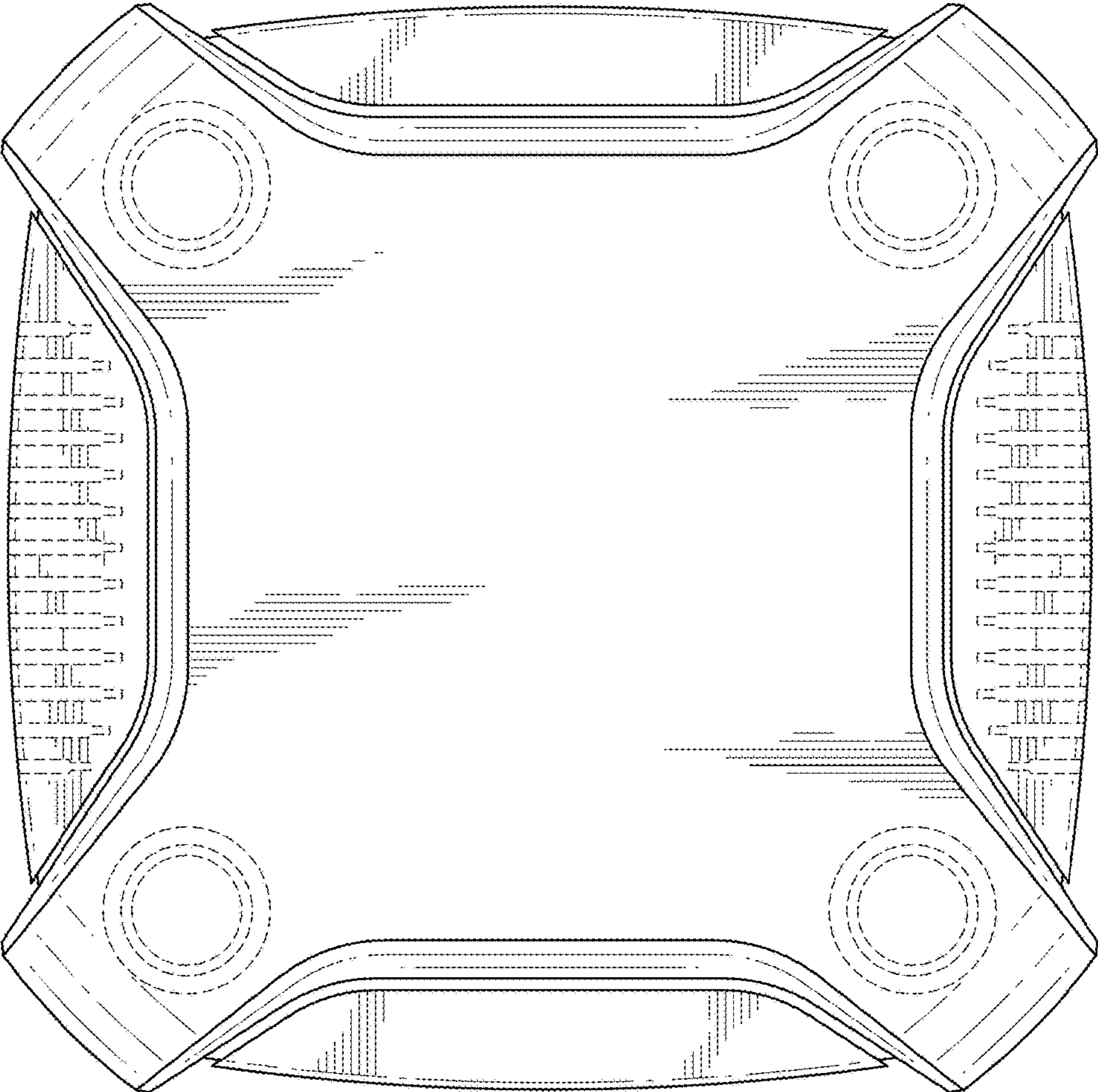


FIG.2

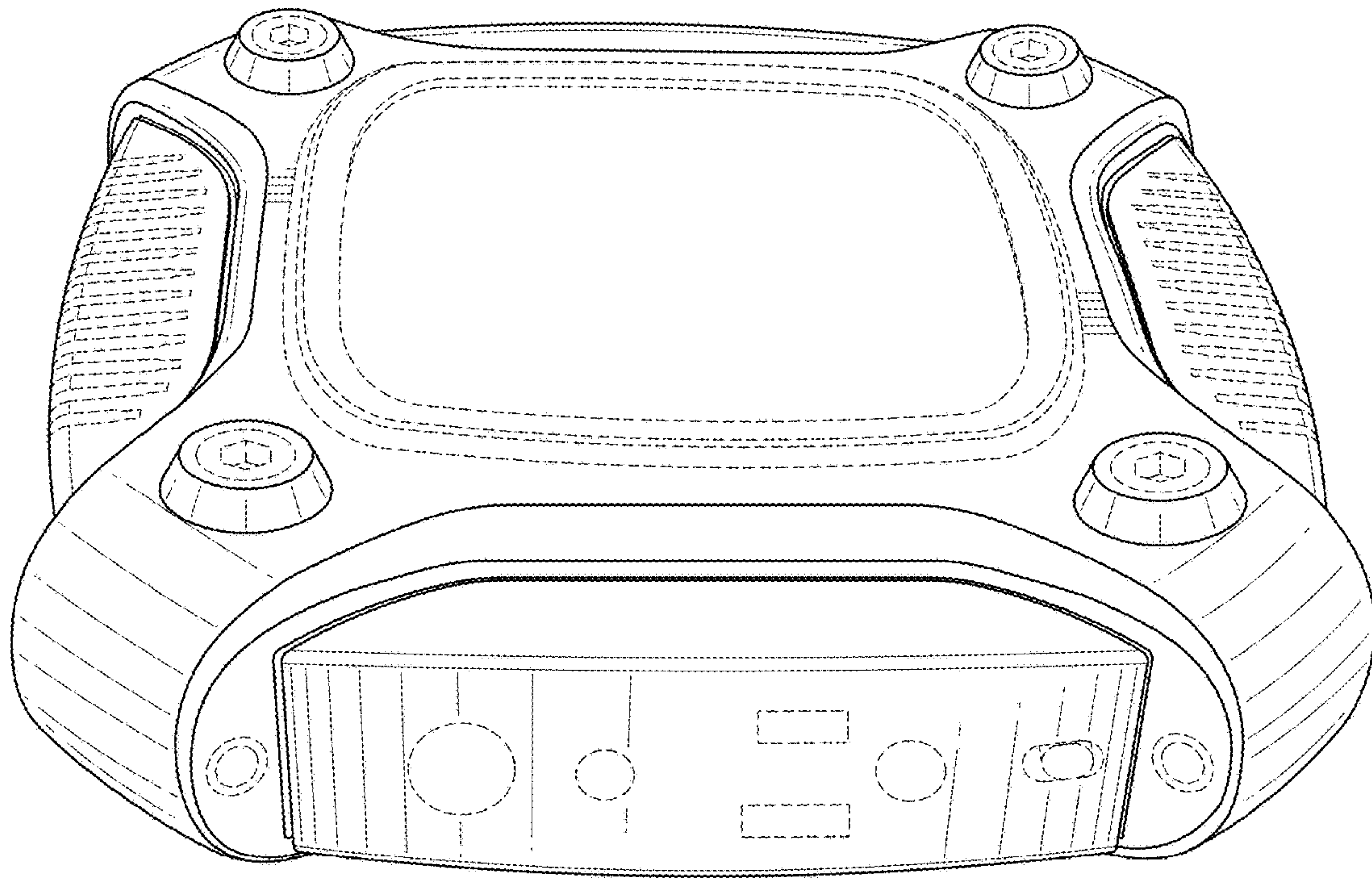


FIG. 3

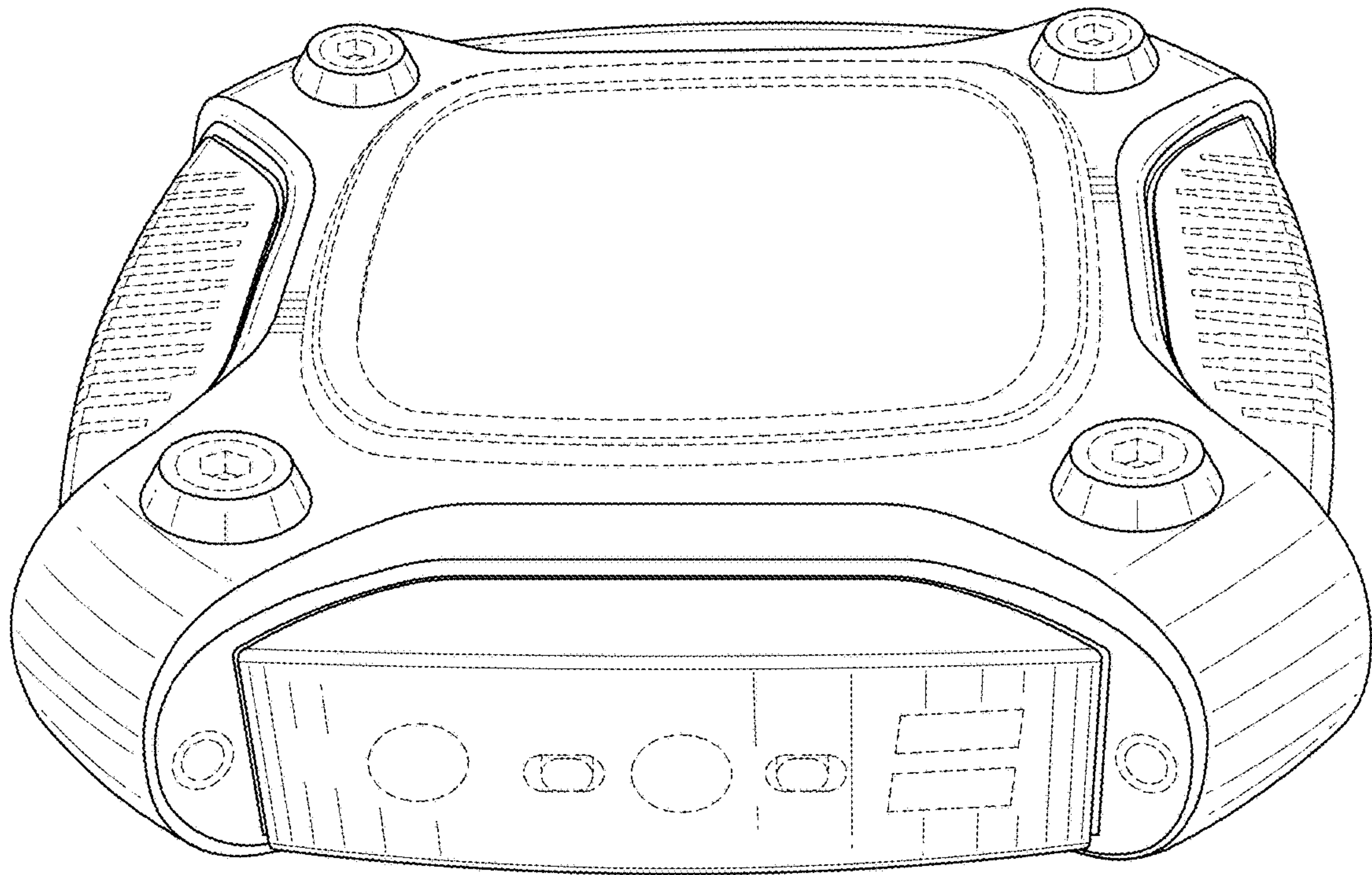


FIG.4

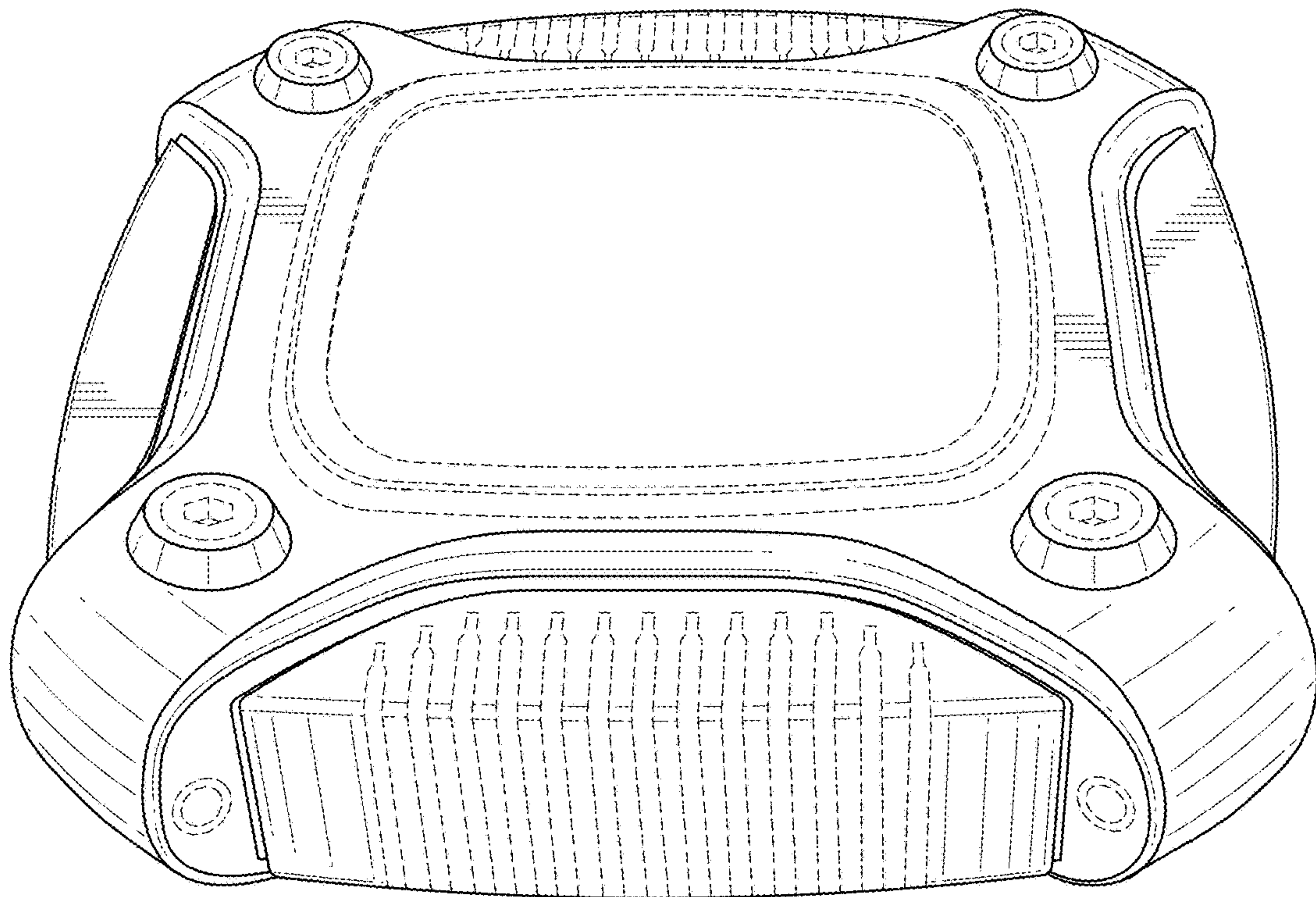


FIG. 5

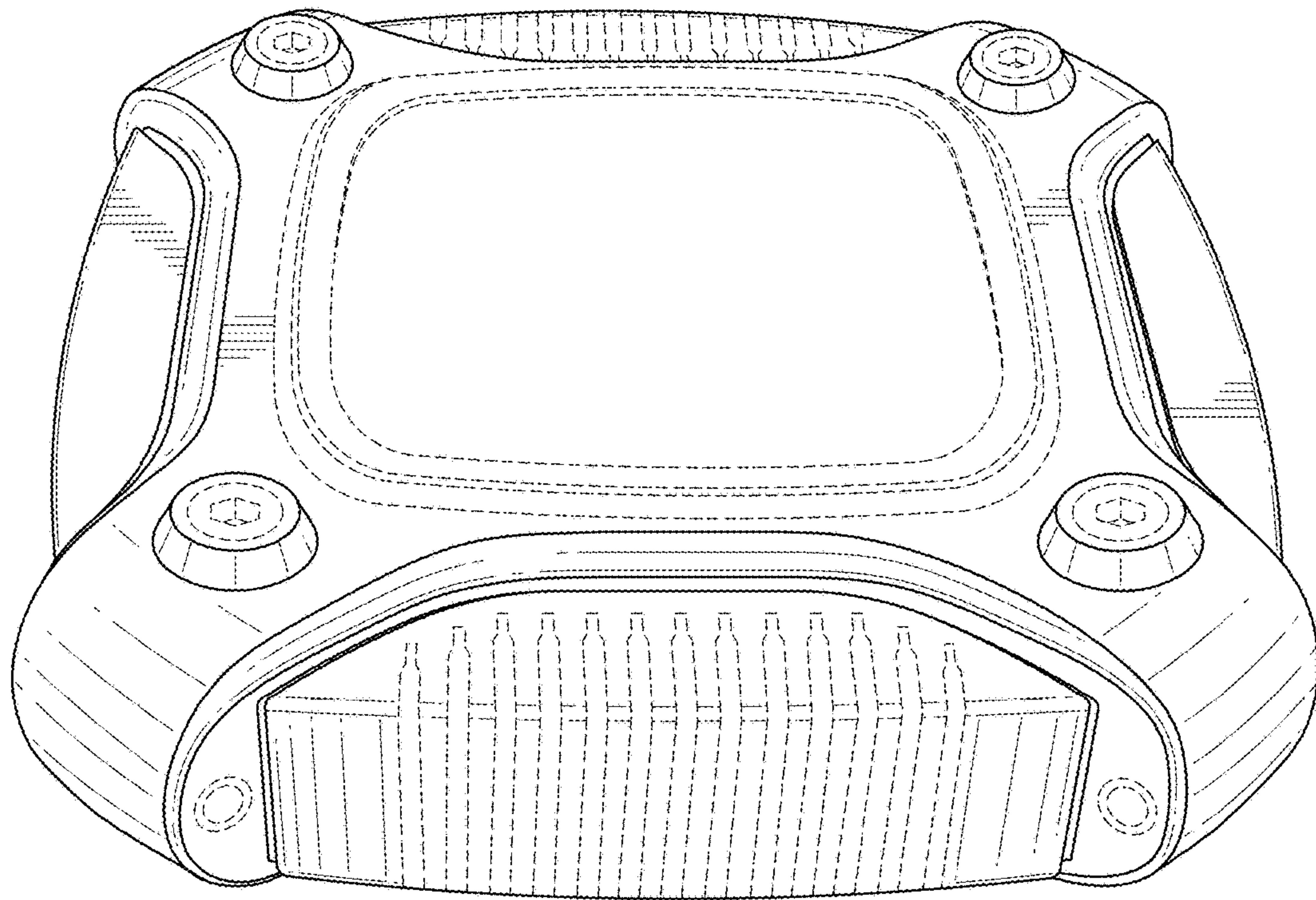


FIG. 6