

(12) **United States Design Patent** (10) **Patent No.: US D1,021,788 S**  
**Sun** (45) **Date of Patent: \*\* Apr. 9, 2024**

(54) **WIRELESS CHARGER**

(71) Applicant: **Zhen Sun**, Hunan (CN)

(72) Inventor: **Zhen Sun**, Hunan (CN)

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

(21) Appl. No.: **29/916,850**

(22) Filed: **Nov. 15, 2023**

(30) **Foreign Application Priority Data**

Sep. 22, 2023 (CN) ..... 202330620896.3

(51) **LOC (14) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/108**

(58) **Field of Classification Search**  
USPC ..... D13/107, 108, 110, 118, 119, 146,  
D13/153–155, 184, 199; D14/432–434  
CPC ..... B60L 53/10; B60L 53/16; B60L 53/18;  
H02J 7/00; H02J 7/02; H02J 7/025; H02J  
7/0013; H02J 7/0042; H02J 7/0044; H02J  
7/0045; H02J 50/005; H02J 50/10; H05K  
5/02; H05K 5/0217; H05K 5/0247; F15B  
1/027; F15B 1/08  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

|            |   |         |         |       |         |
|------------|---|---------|---------|-------|---------|
| D772,812 S | * | 11/2016 | Choe    | ..... | D13/108 |
| D787,441 S | * | 5/2017  | Lee     | ..... | D13/108 |
| D812,564 S | * | 3/2018  | Feng    | ..... | D13/108 |
| D845,896 S | * | 4/2019  | Hu      | ..... | D13/108 |
| D859,308 S | * | 9/2019  | Connell | ..... | D13/108 |
| D896,174 S | * | 9/2020  | Li      | ..... | D13/108 |
| D896,816 S | * | 9/2020  | Qiu     | ..... | D14/434 |
| D911,940 S | * | 3/2021  | Roberts | ..... | D13/108 |
| D925,447 S | * | 7/2021  | Sun     | ..... | D13/108 |
| D926,126 S | * | 7/2021  | DeMaio  | ..... | D13/108 |

|              |   |         |           |       |         |
|--------------|---|---------|-----------|-------|---------|
| D931,209 S   | * | 9/2021  | Hahn      | ..... | D13/108 |
| D932,425 S   | * | 10/2021 | Zhu       | ..... | D13/107 |
| D933,005 S   | * | 10/2021 | Yarbough  | ..... | D13/108 |
| D935,397 S   | * | 11/2021 | Brisebras | ..... | D13/108 |
| D944,786 S   | * | 3/2022  | Liu       | ..... | D14/447 |
| D947,123 S   | * | 3/2022  | Dong      | ..... | D13/108 |
| D951,263 S   | * | 5/2022  | Morisawa  | ..... | D14/447 |
| D953,976 S   | * | 6/2022  | Su        | ..... | D13/108 |
| D958,067 S   | * | 7/2022  | Jun       | ..... | D13/108 |
| D973,019 S   | * | 12/2022 | Wang      | ..... | D13/107 |
| D984,372 S   | * | 4/2023  | Li        | ..... | D13/108 |
| D997,096 S   | * | 8/2023  | Leow      | ..... | D13/108 |
| D999,163 S   | * | 9/2023  | Liao      | ..... | D13/108 |
| D1,000,382 S | * | 10/2023 | Ferber    | ..... | D13/108 |
| D1,006,742 S | * | 12/2023 | Li        | ..... | D13/108 |
| D1,006,745 S | * | 12/2023 | Qu        | ..... | D13/108 |
| D1,008,241 S | * | 12/2023 | Wei       | ..... | D14/252 |
| D1,008,277 S | * | 12/2023 | Hallar    | ..... | D14/434 |

\* cited by examiner

*Primary Examiner* — Christy Nemeth

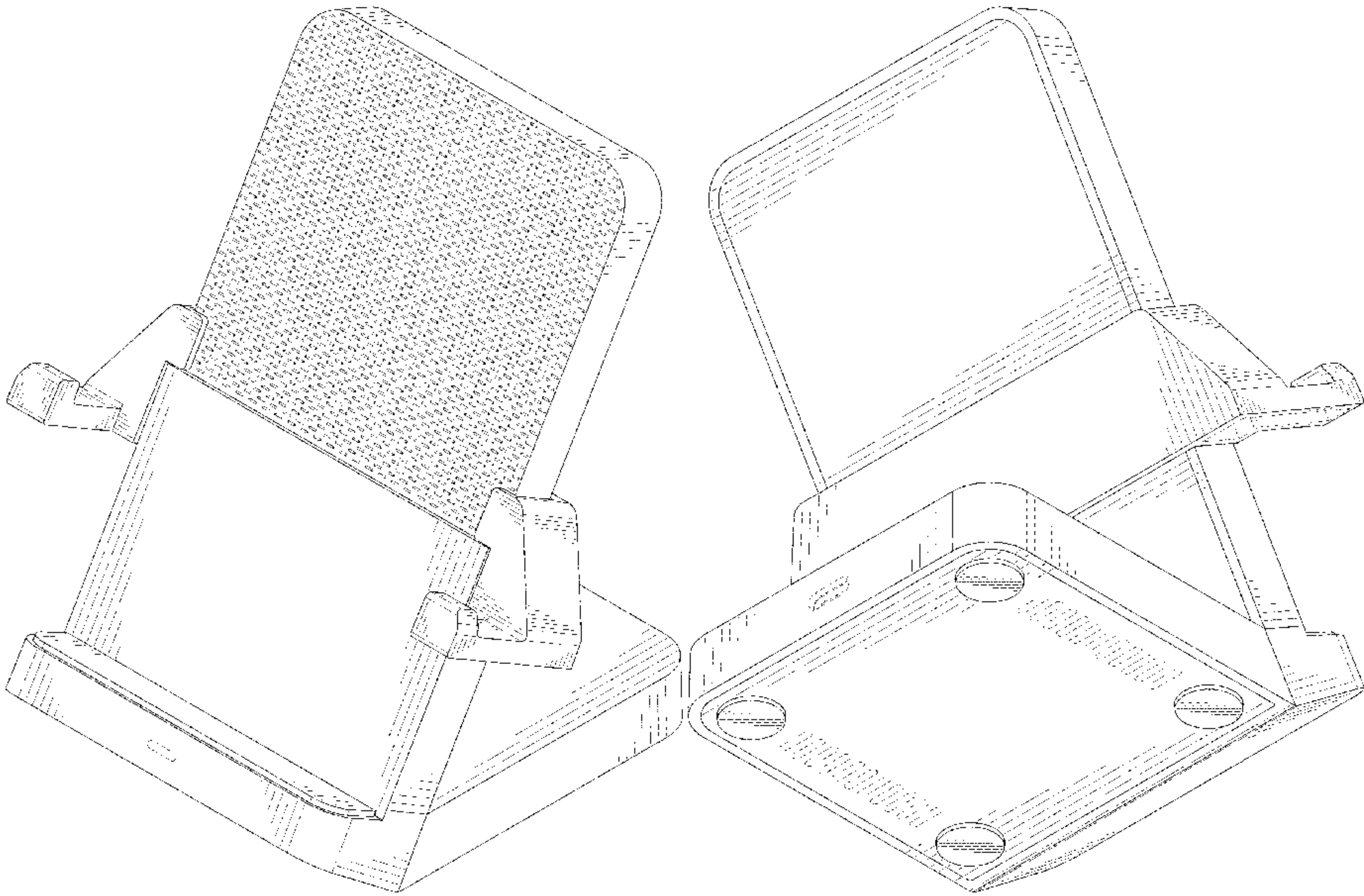
(57) **CLAIM**

The ornamental design for a wireless charger, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top perspective view of a wireless charger, showing my new design;  
FIG. 2 is a rear, bottom perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is an exploded view of FIG. 1; and,  
FIG. 10 is an exploded view of FIG. 2.  
The broken lines in the figures illustrate portions of the wireless charger that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**





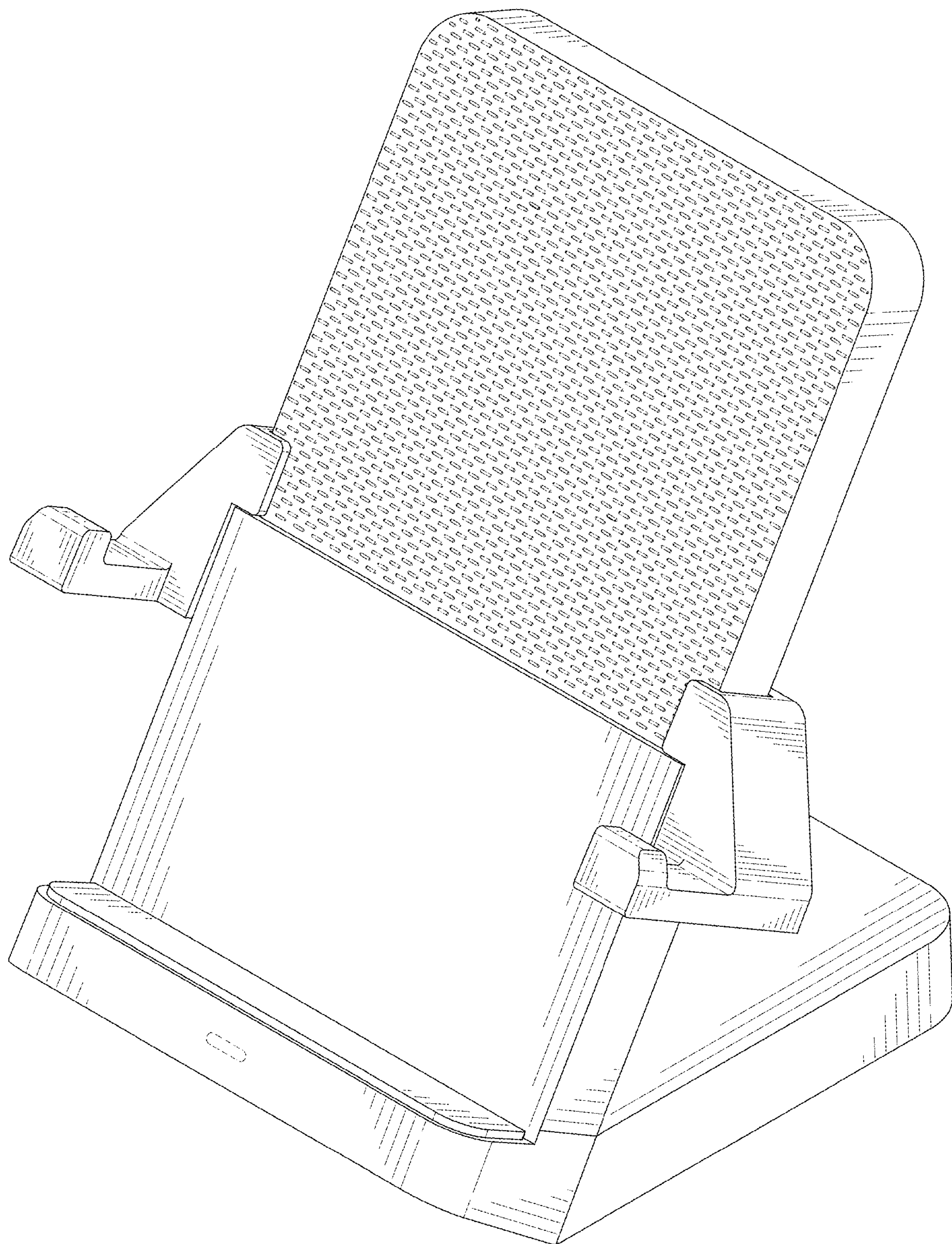


FIG. 1



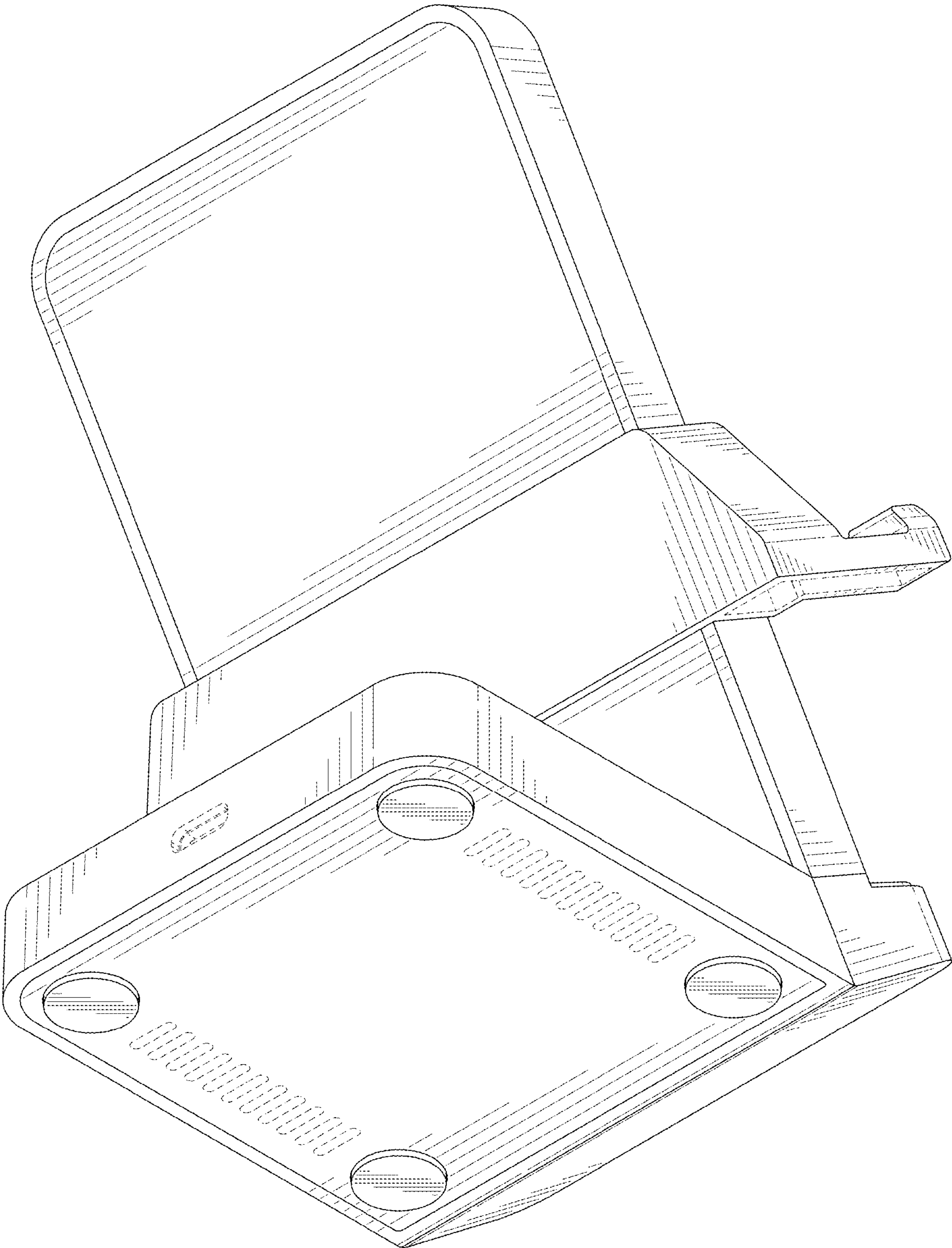


FIG. 2



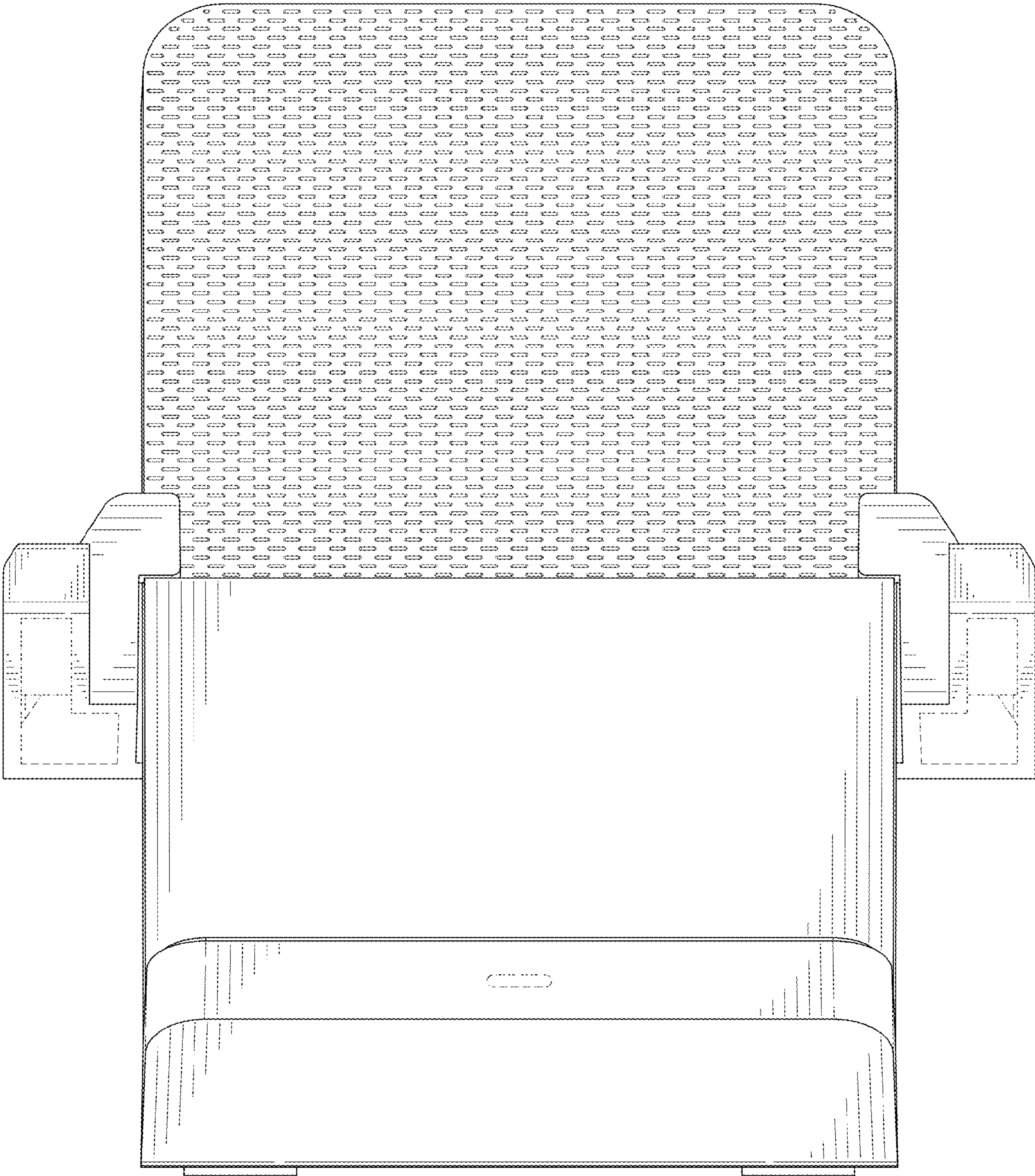


FIG. 3



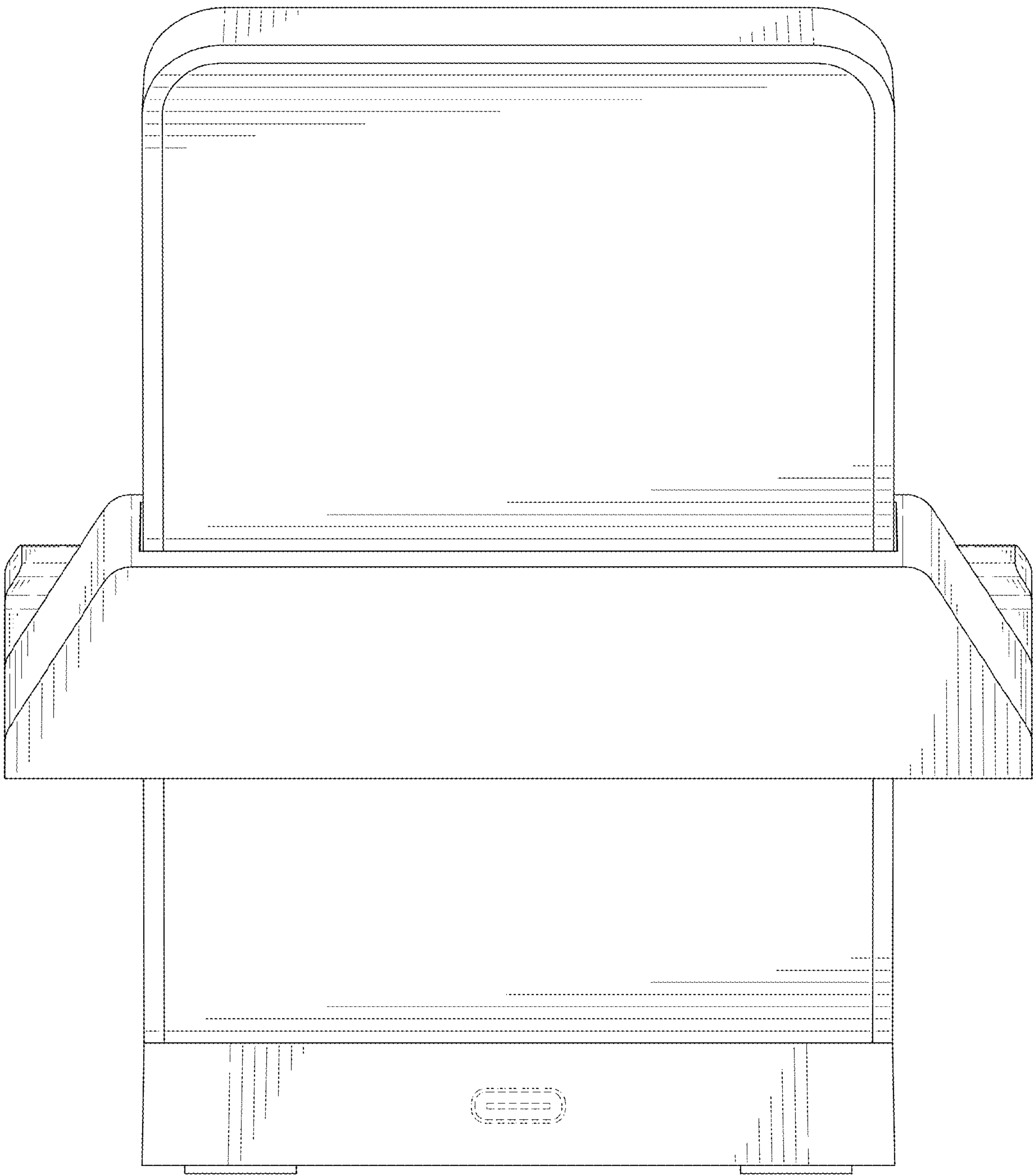


FIG. 4



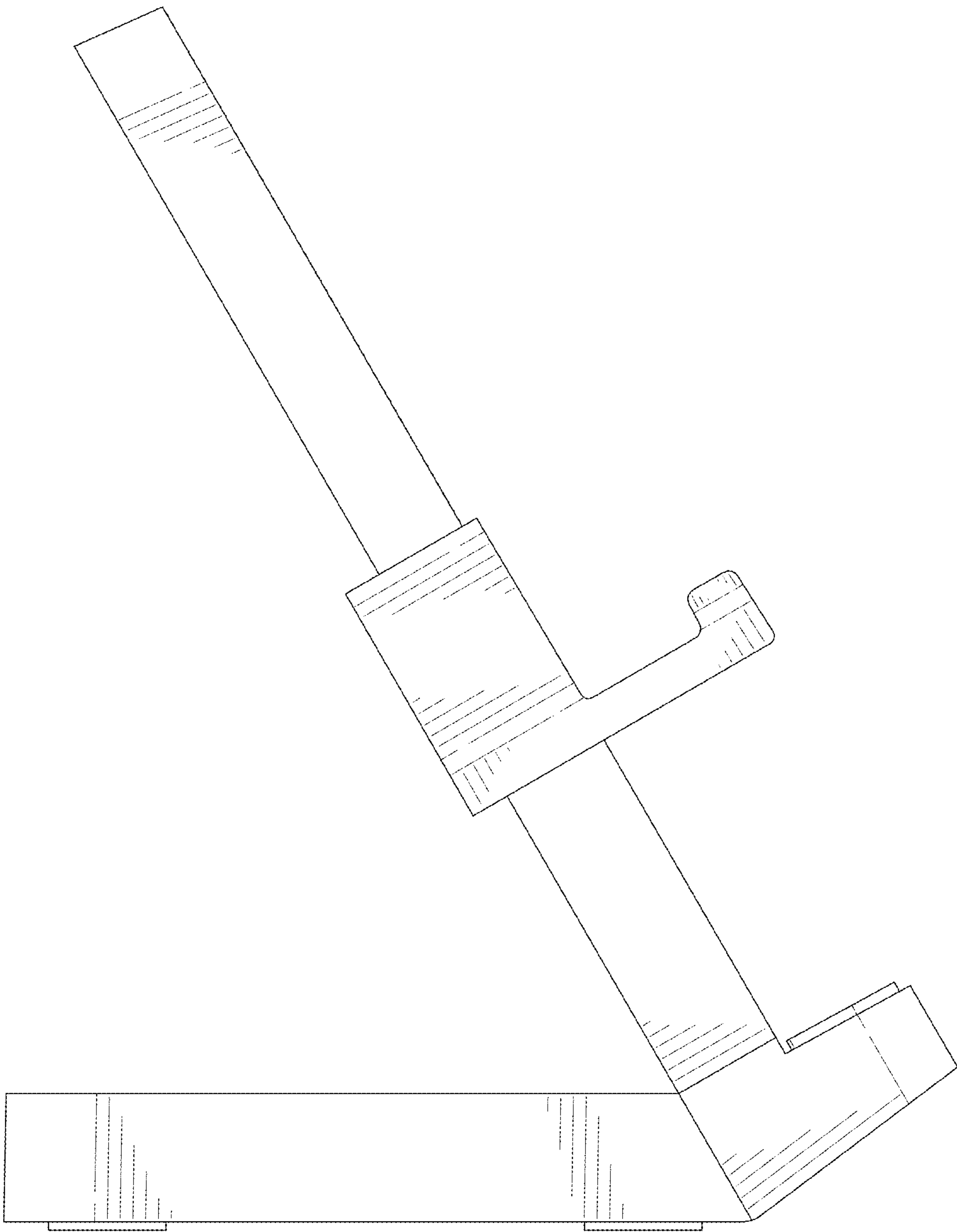


FIG. 5



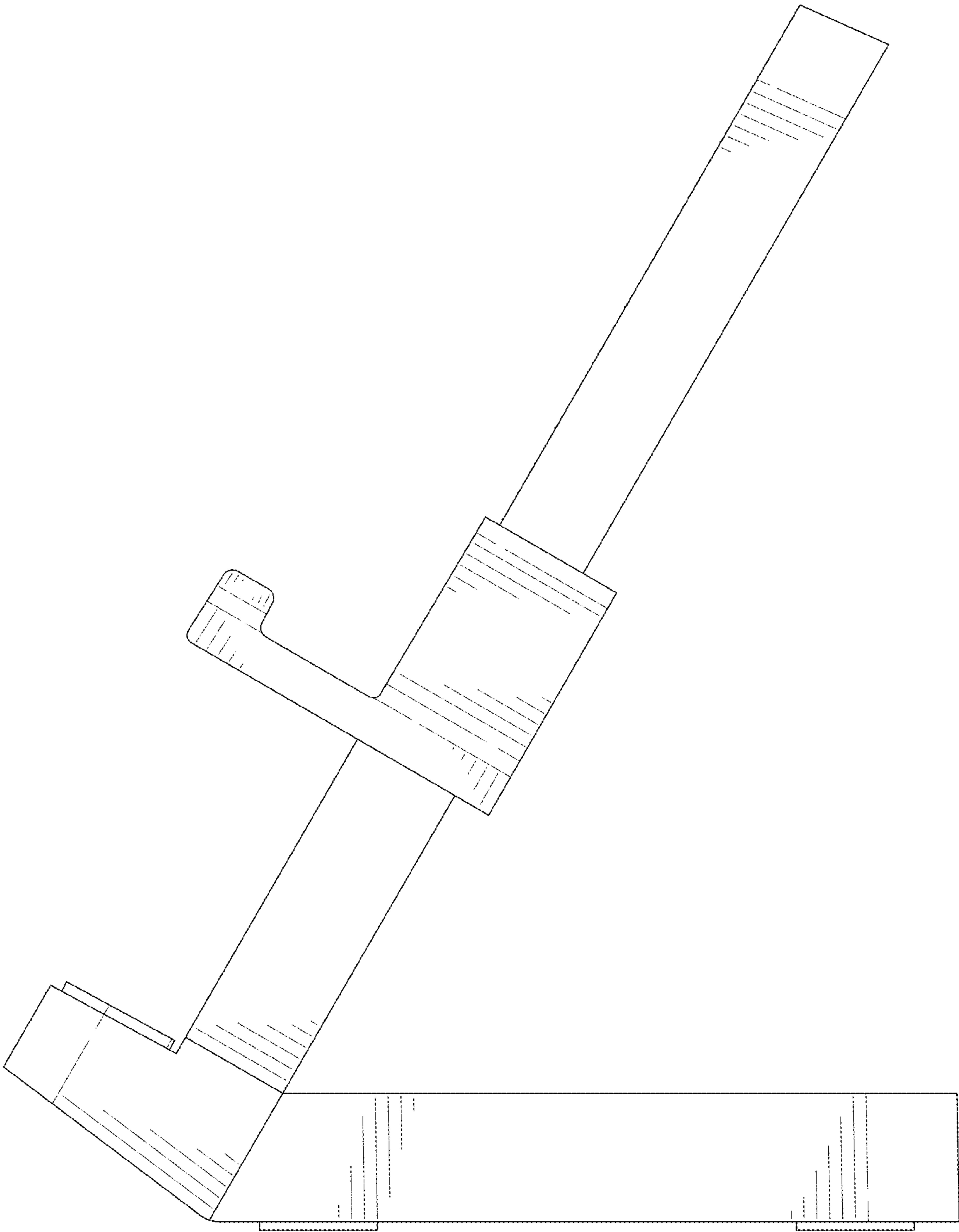


FIG. 6



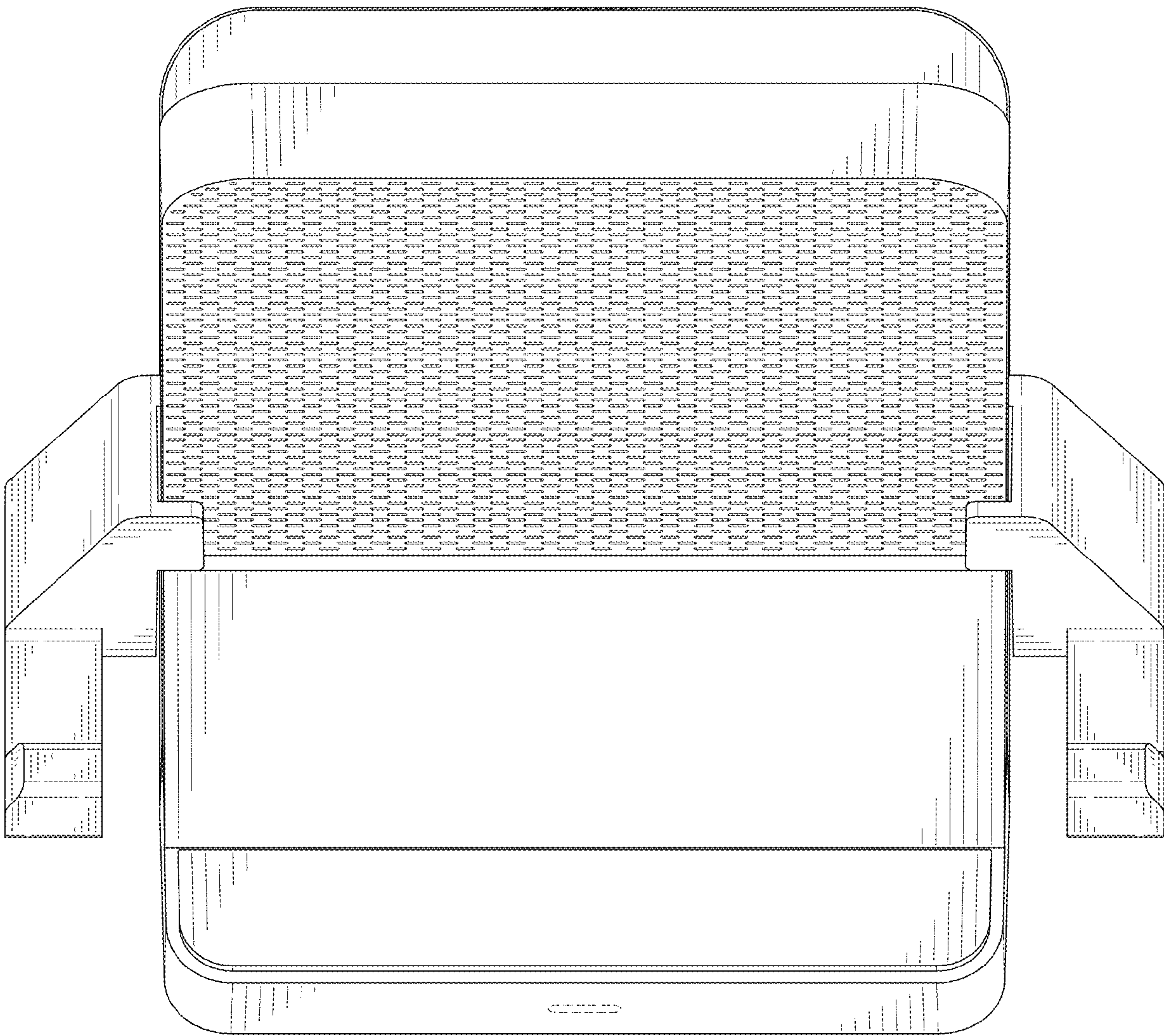


FIG. 7



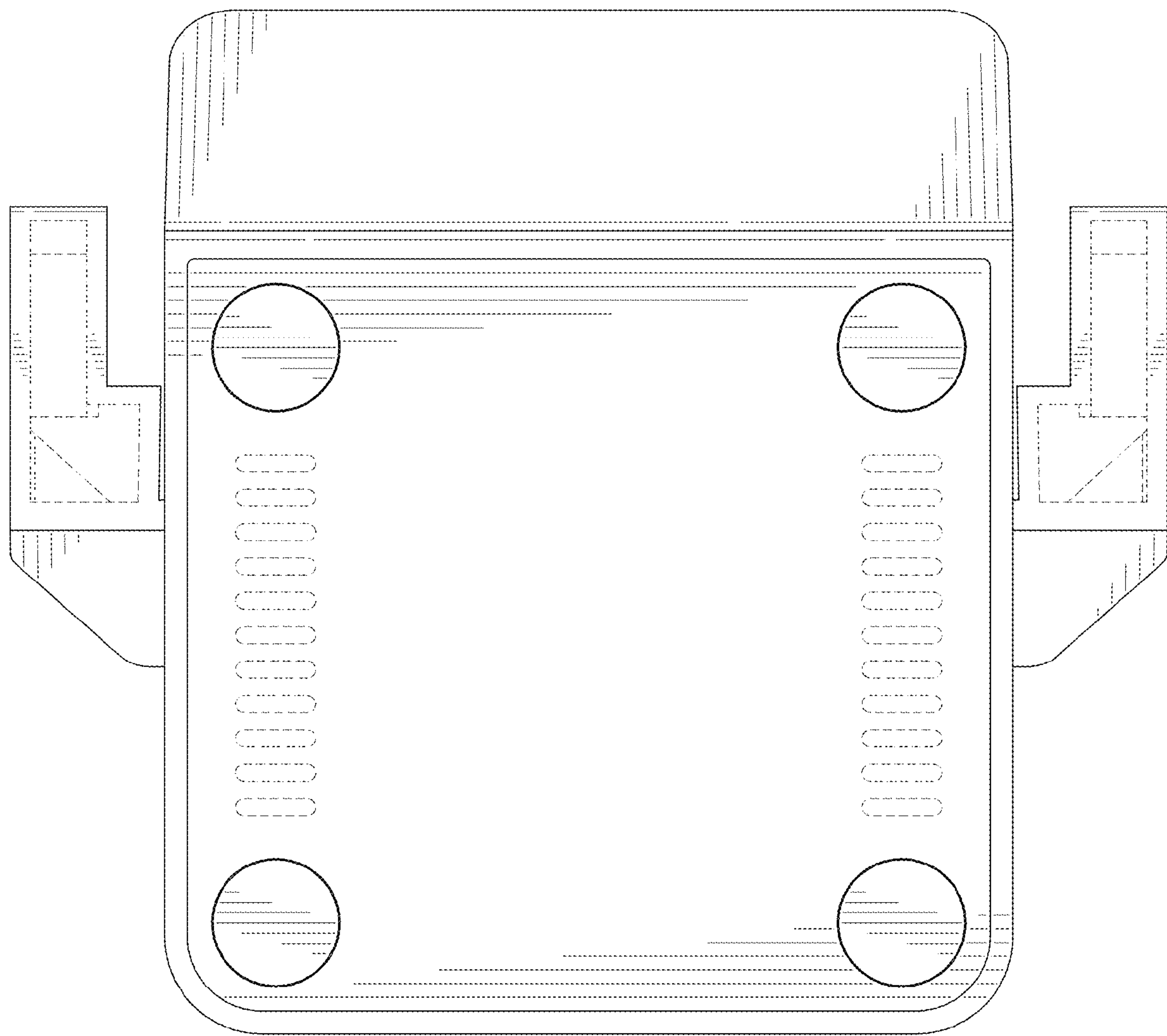


FIG. 8



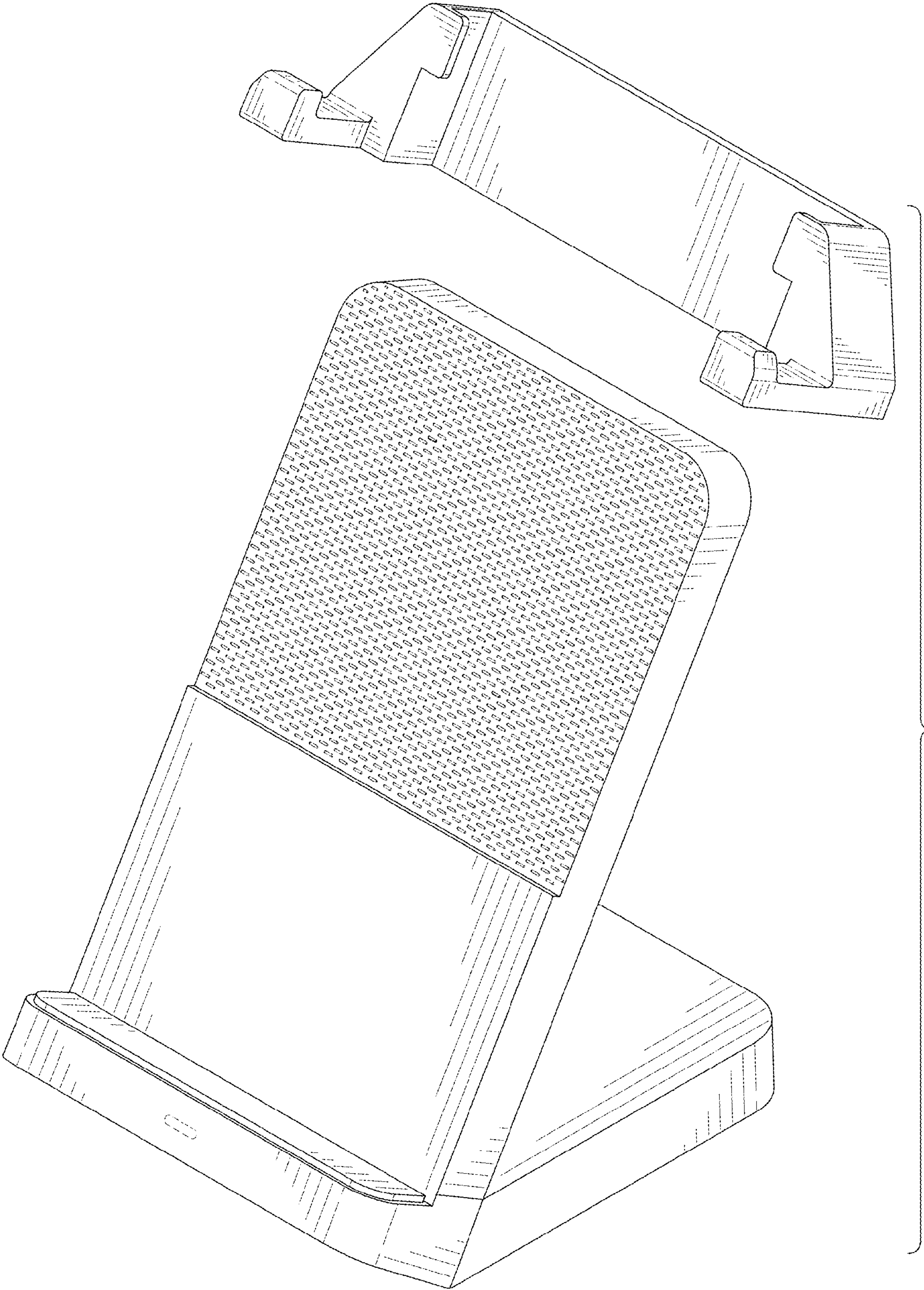


FIG. 9



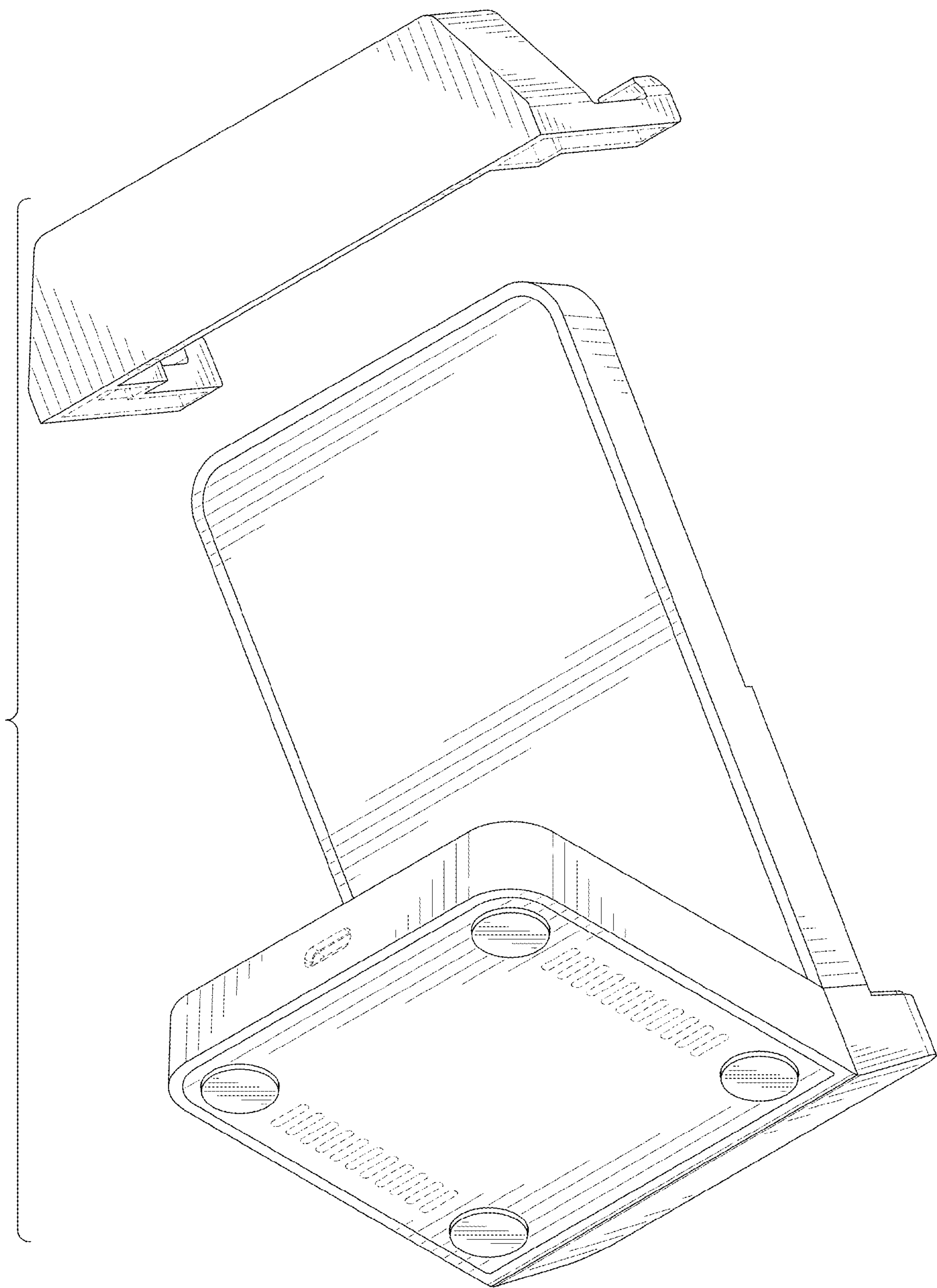


FIG. 10