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(12)

United States Design Patent
Shang

(10)

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(45)

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(54) BATTERY CHARGER

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Ganzhou (CN)

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(72) Inventor: Weichao Shang, Xi'an (CN)

(**) Term: 15 Years

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(21) Appl. No.: 29/925,605

“3 in 1 Magnetic Wireless Charging Station for Apple Devices with 30W QC3.0 Adapter 7.5W/15W Fast Charger for iPhone12/13/14/15/Pro/Pro Max/Plus/Mini, 5W for AirPods3/2/Pro, 3W for iWatch 2-8/SE/Ultra”, first available May 26, 2023. Amazon.com [https://www.amazon.com/dp/B0C3HVD13M/] (Year: 2023).*

(Continued)

(22) Filed: Jan. 25, 2024

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

(52) U.S. Cl.

USPC D13/108

(58) Field of Classification Search

USPC D13/103, 104, 105, 106, 107, 108, 109,
D13/110, 112, 114, 118, 119, 122, 184,
D13/199

CPC .. H02J 50/00; H02J 50/10; H02J 50/12; H02J
50/80; H02J 7/25; H02J 7/005; H02J
7/02; H02J 7/0026; H02J 7/0042; H02J
7/0044; H02J 7/0045; H02J 7/0013; H02J
7/0003

See application file for complete search history.

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Howard M. Cohn

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a bottom, front and right side perspective view of a battery charger, showing my new design;
FIG. 2 is a top, rear and left side perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a perspective view of the battery charger where the battery charger is in a first configuration of use; and,
FIG. 10 is a perspective view of the battery charger where the battery charger is in a second configuration of use.
The broken lines in the drawings depict portions of the battery charger that form no part of the claimed design.

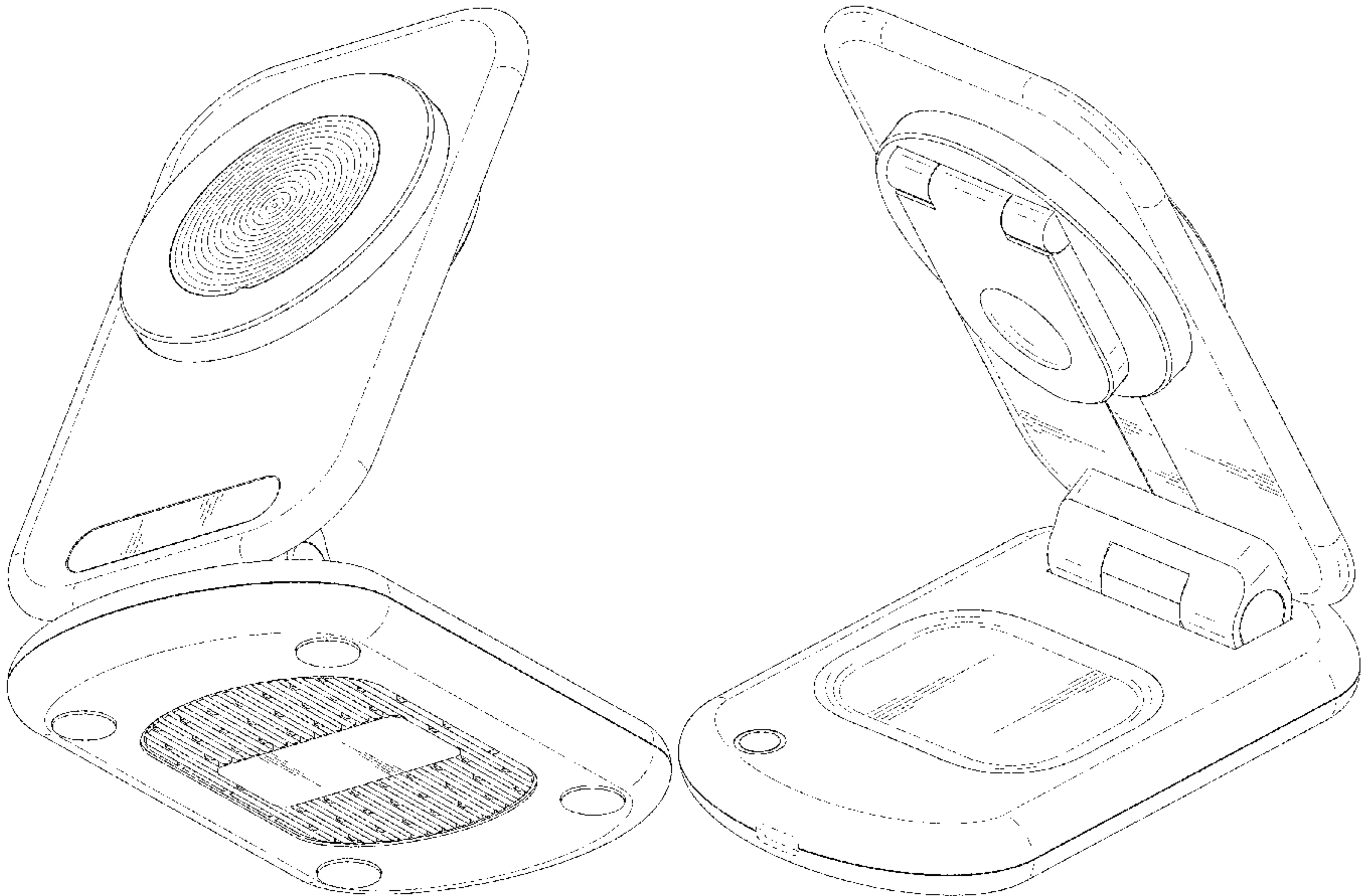
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1 Claim, 10 Drawing Sheets



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“Wireless Charger for Samsung and Android 3 in 1 Foldable Samsung Charging Station for S24/S23 /S22 /S21/S20, Z Fold 5/4/3, Z Flip 5/4/3, Samsung Watch Charger 6 Classic/5/5 Pro/4/3, Galaxy Buds”, first available Jul. 8, 2023. Amazon.com [https://www.amazon.com/dp/B0CBDZH85Z/] (Year: 2023).*

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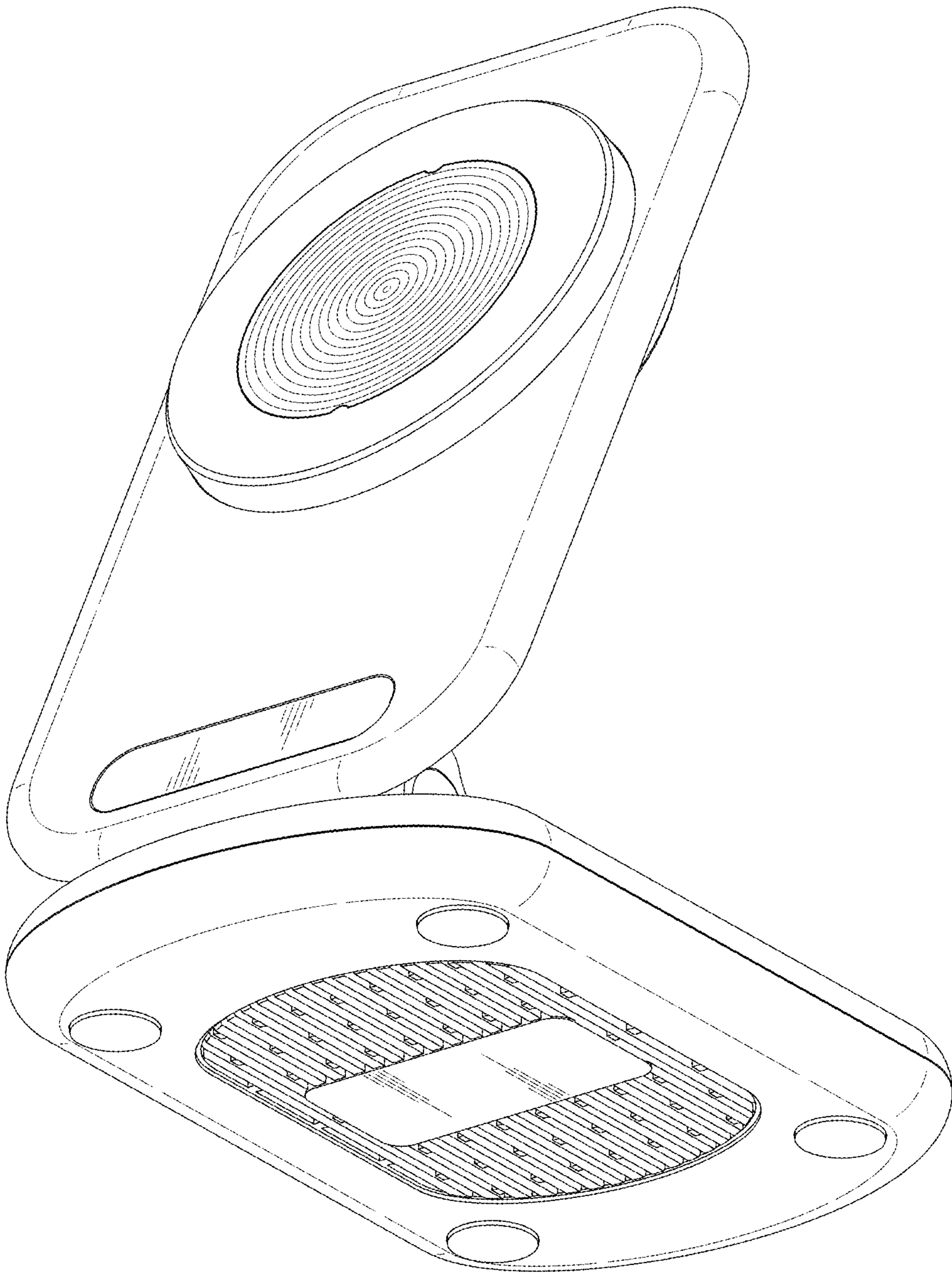


FIG. 1

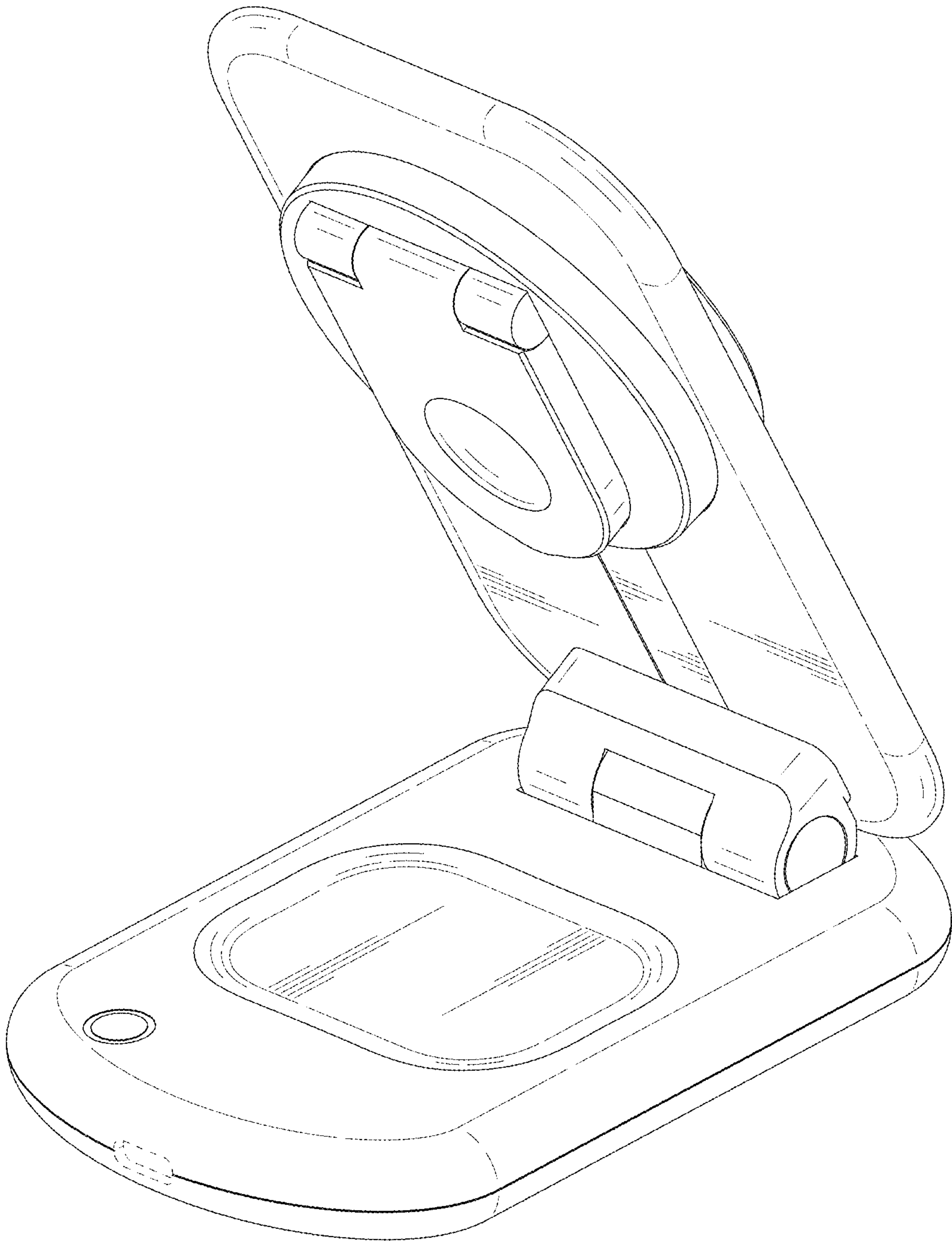


FIG. 2

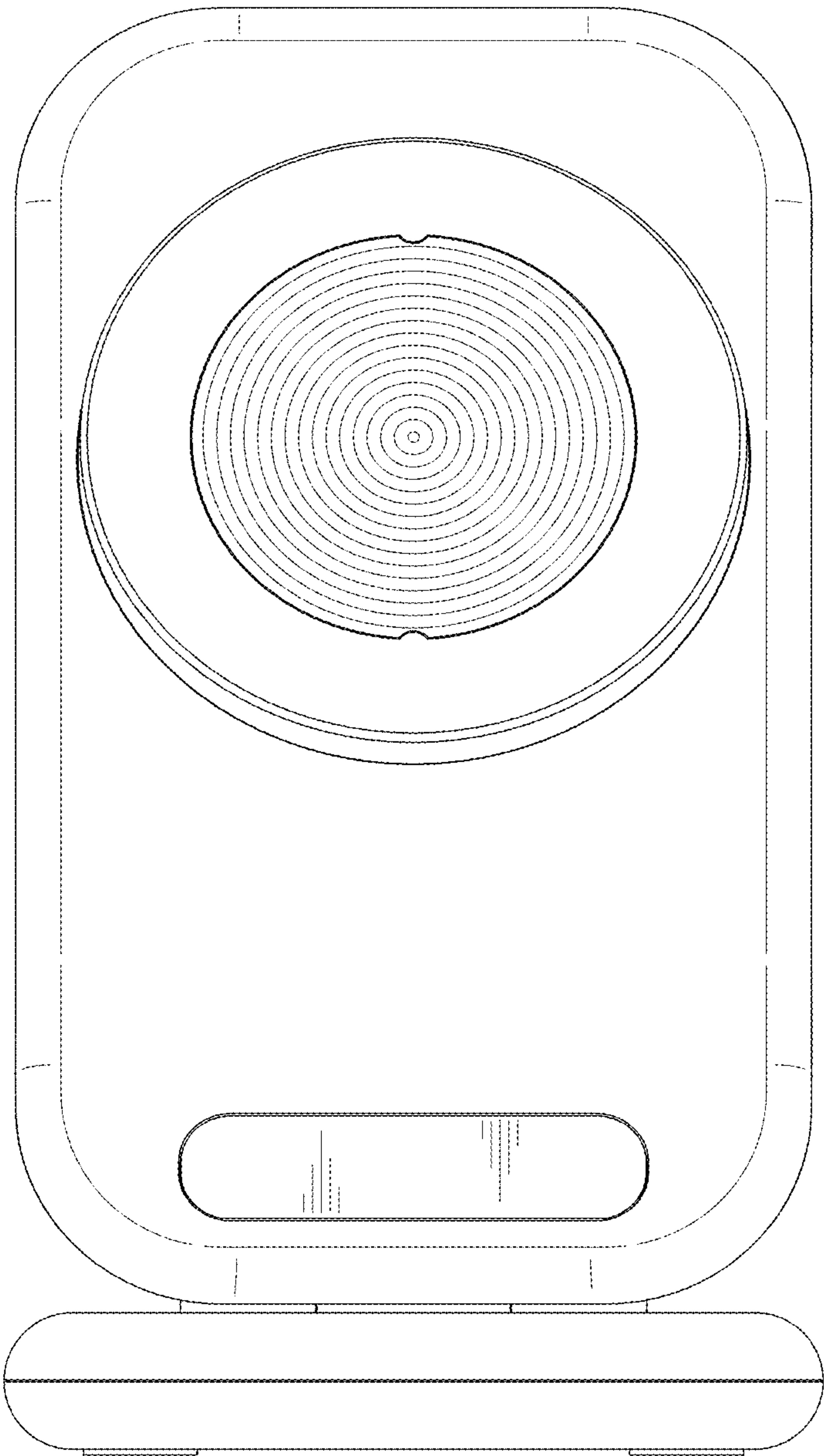


FIG. 3

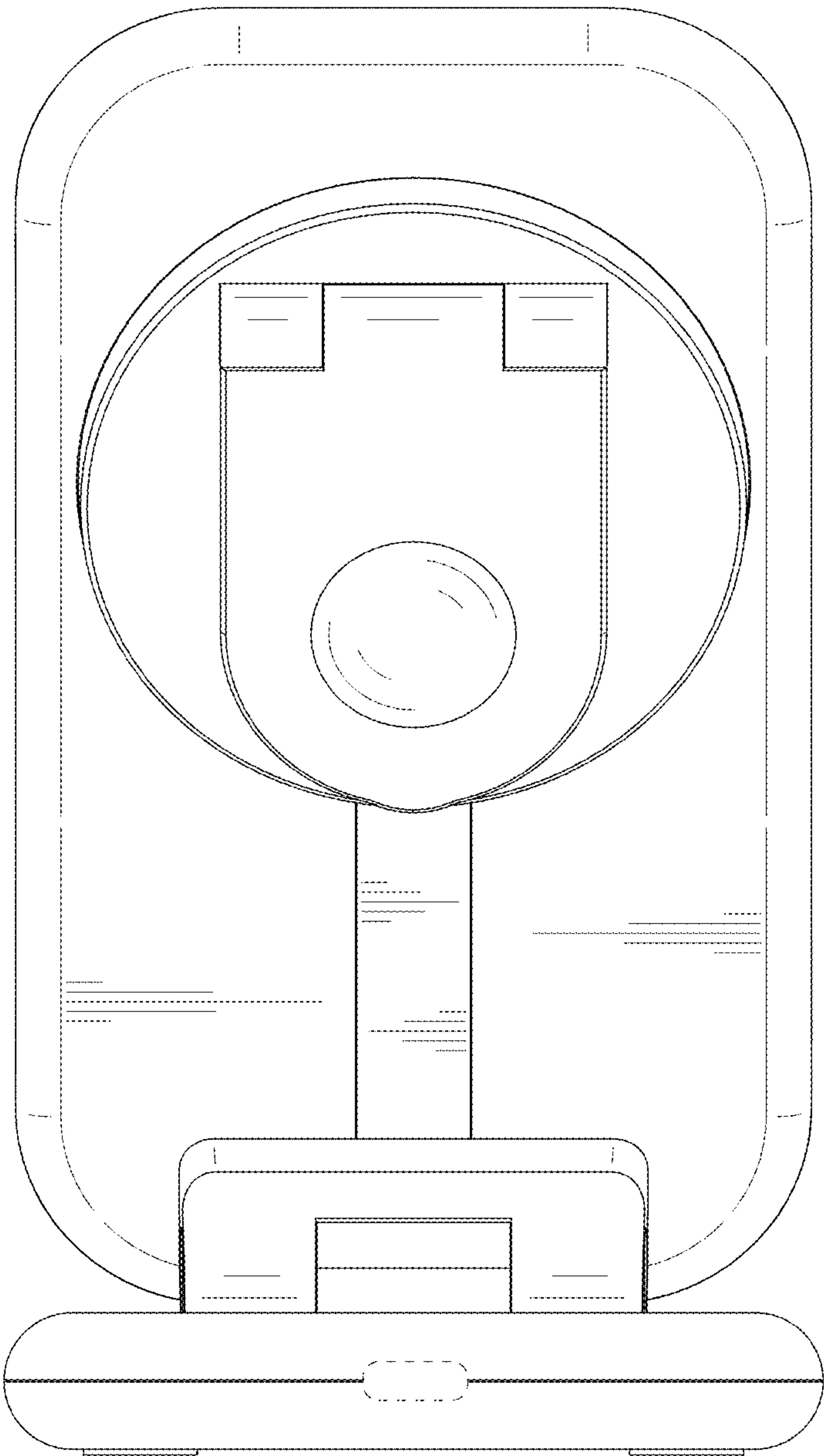


FIG. 4

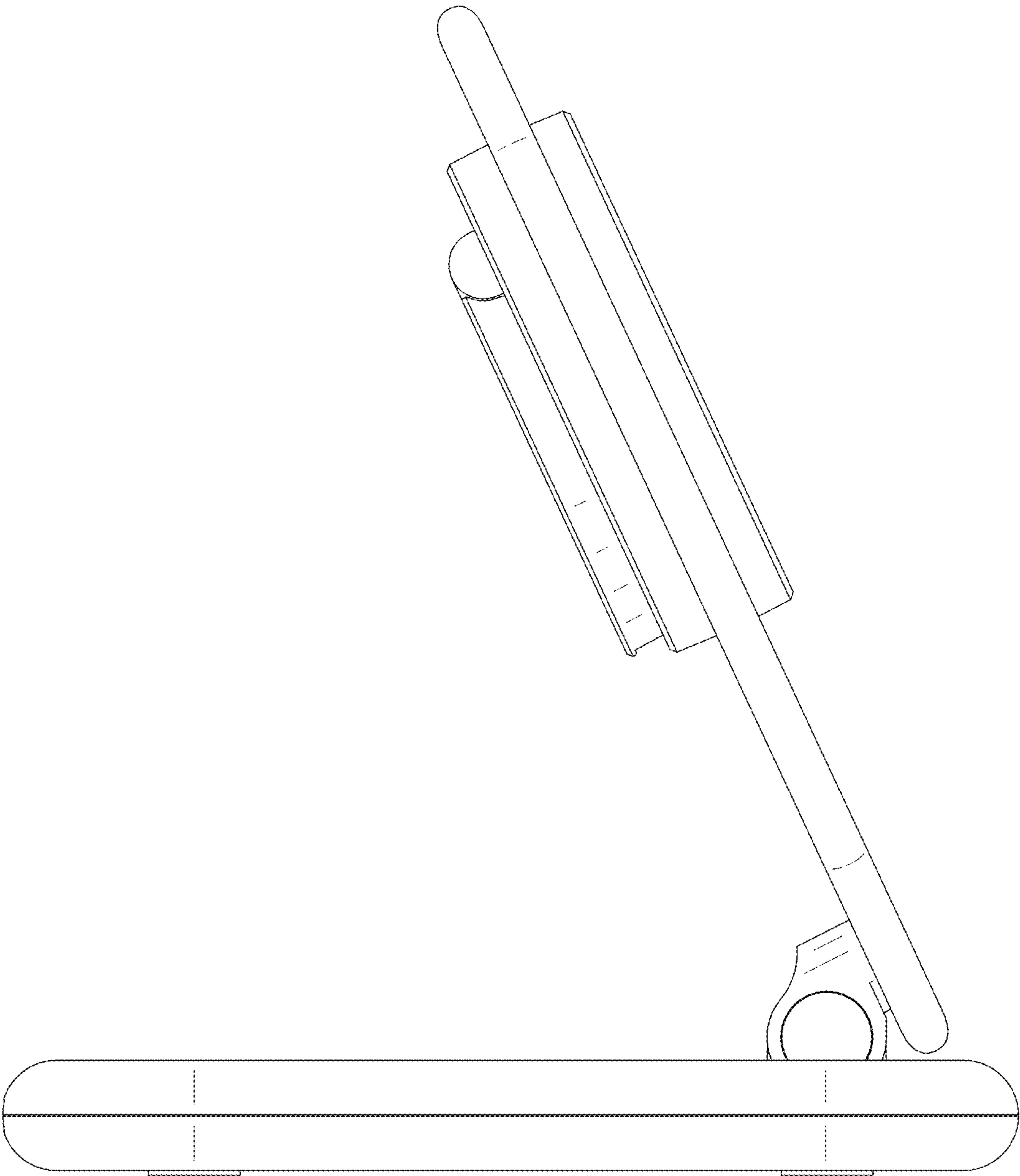


FIG. 5

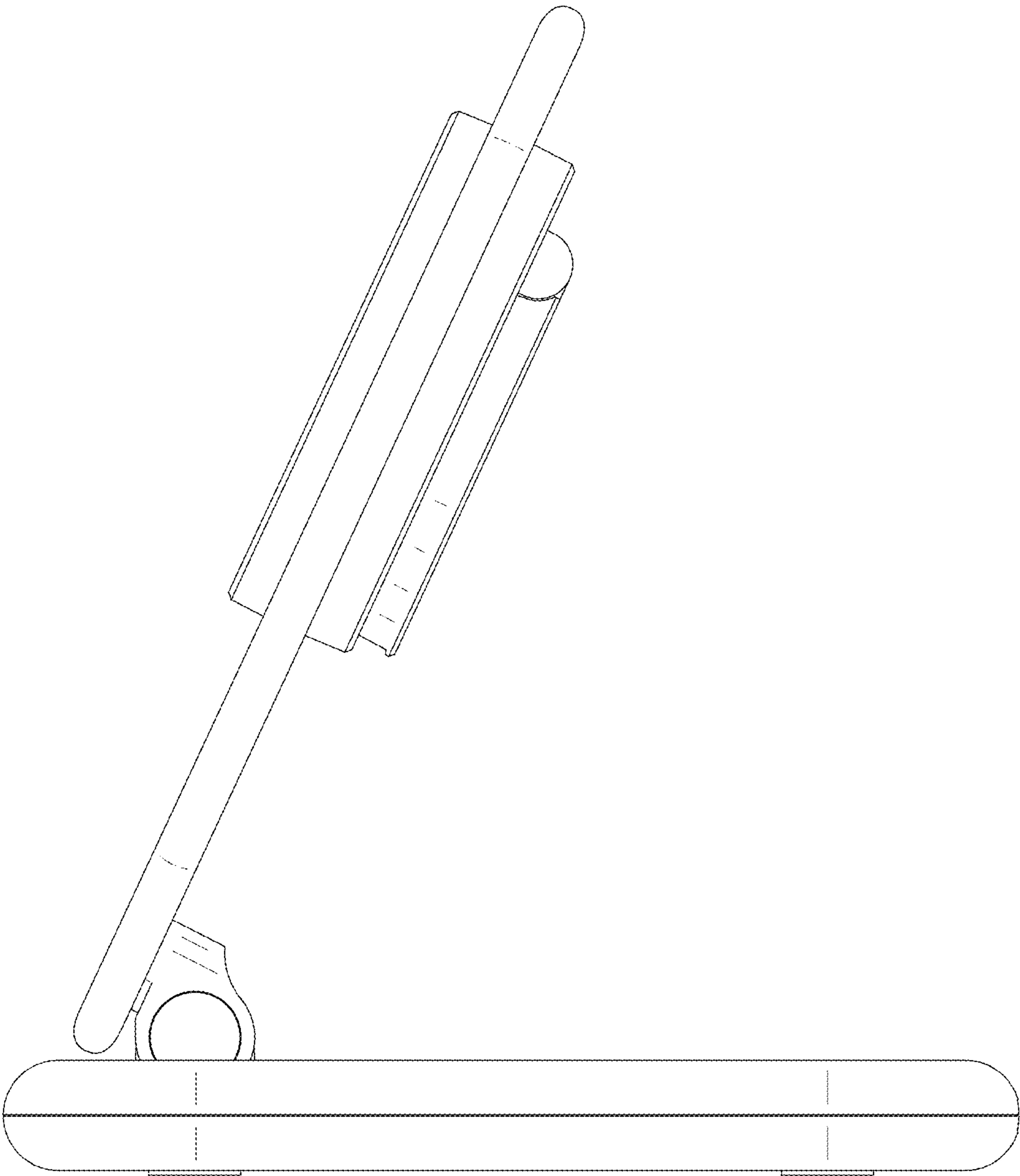


FIG. 6

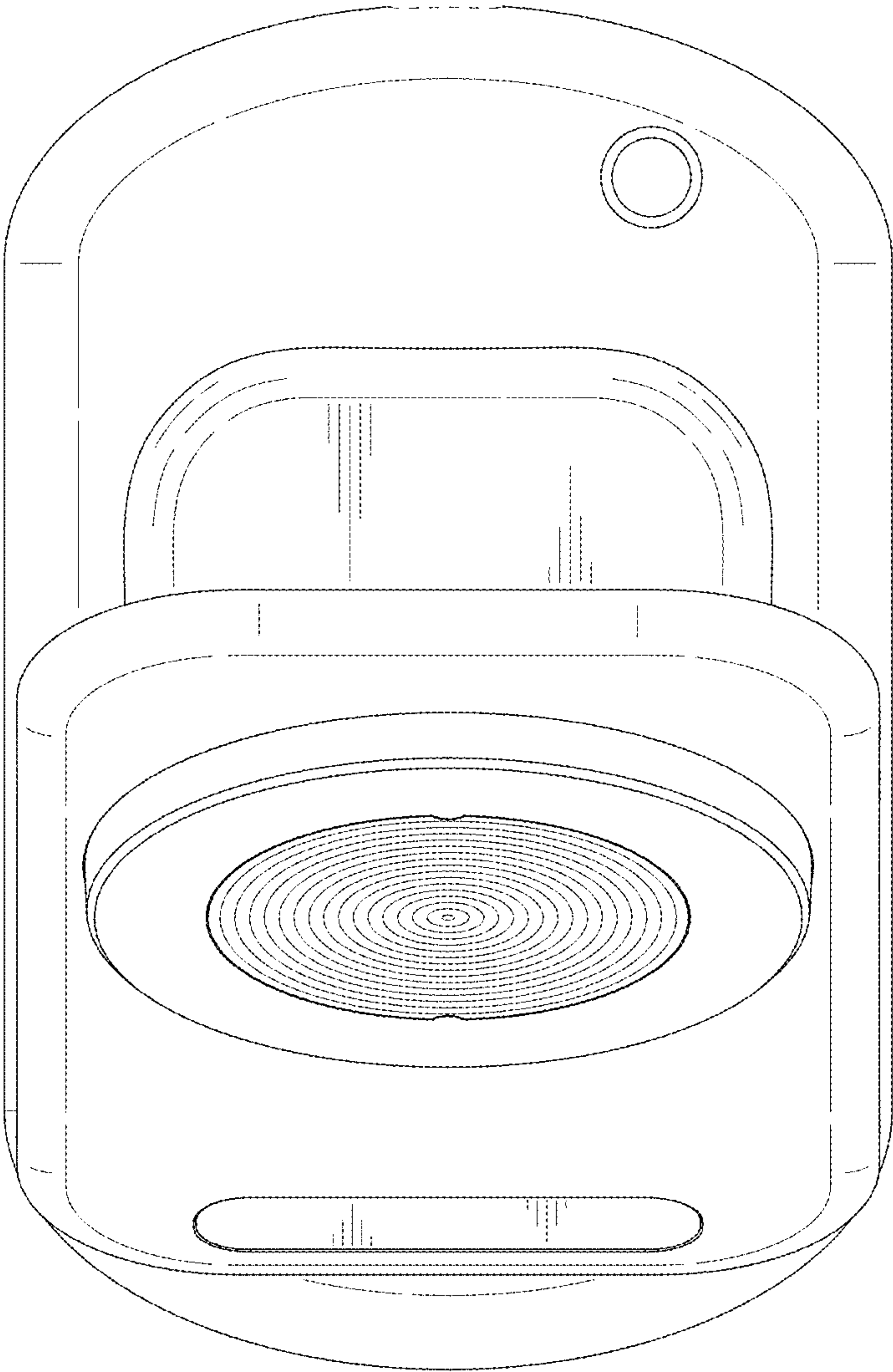


FIG. 7

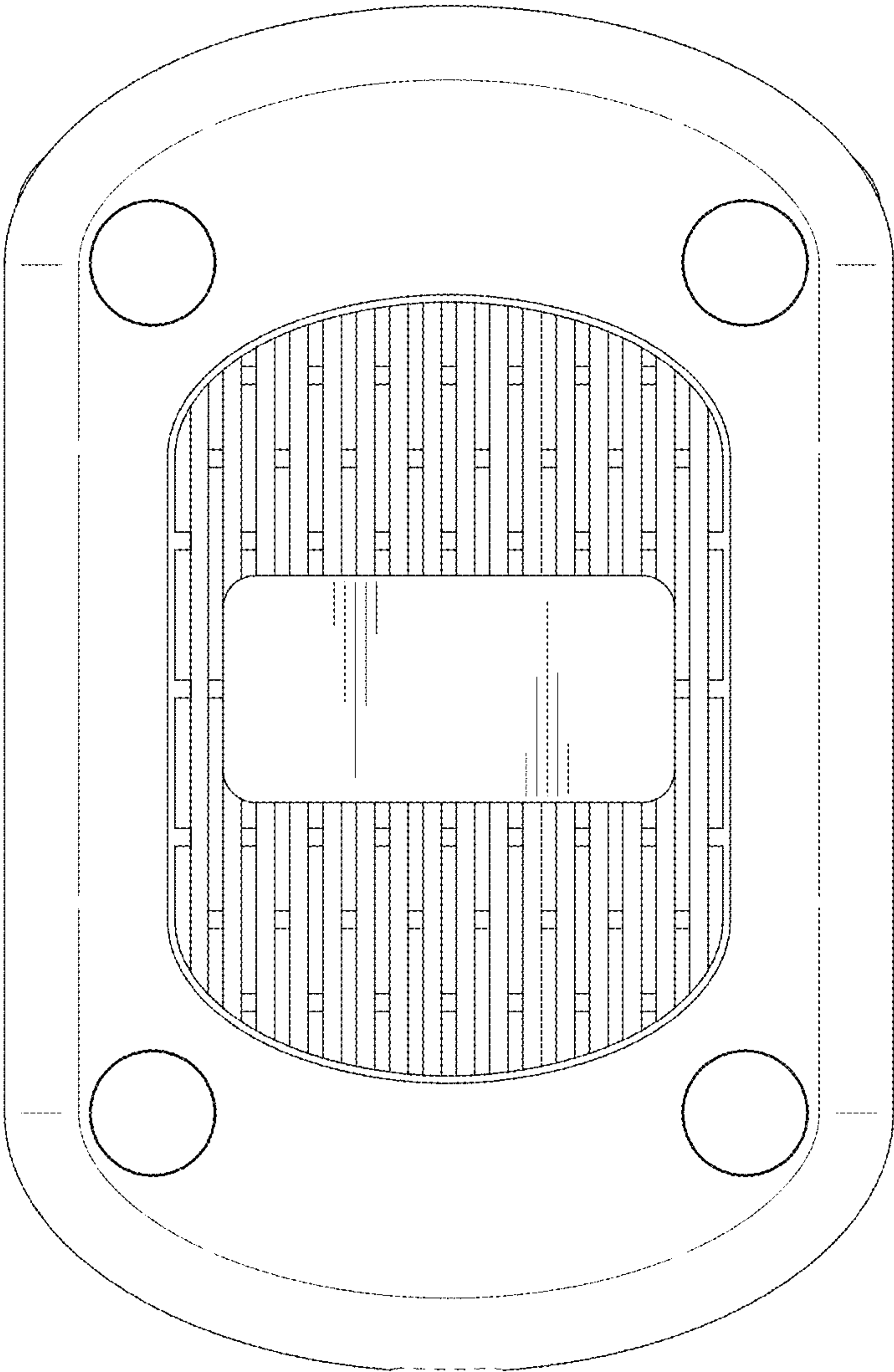


FIG. 8

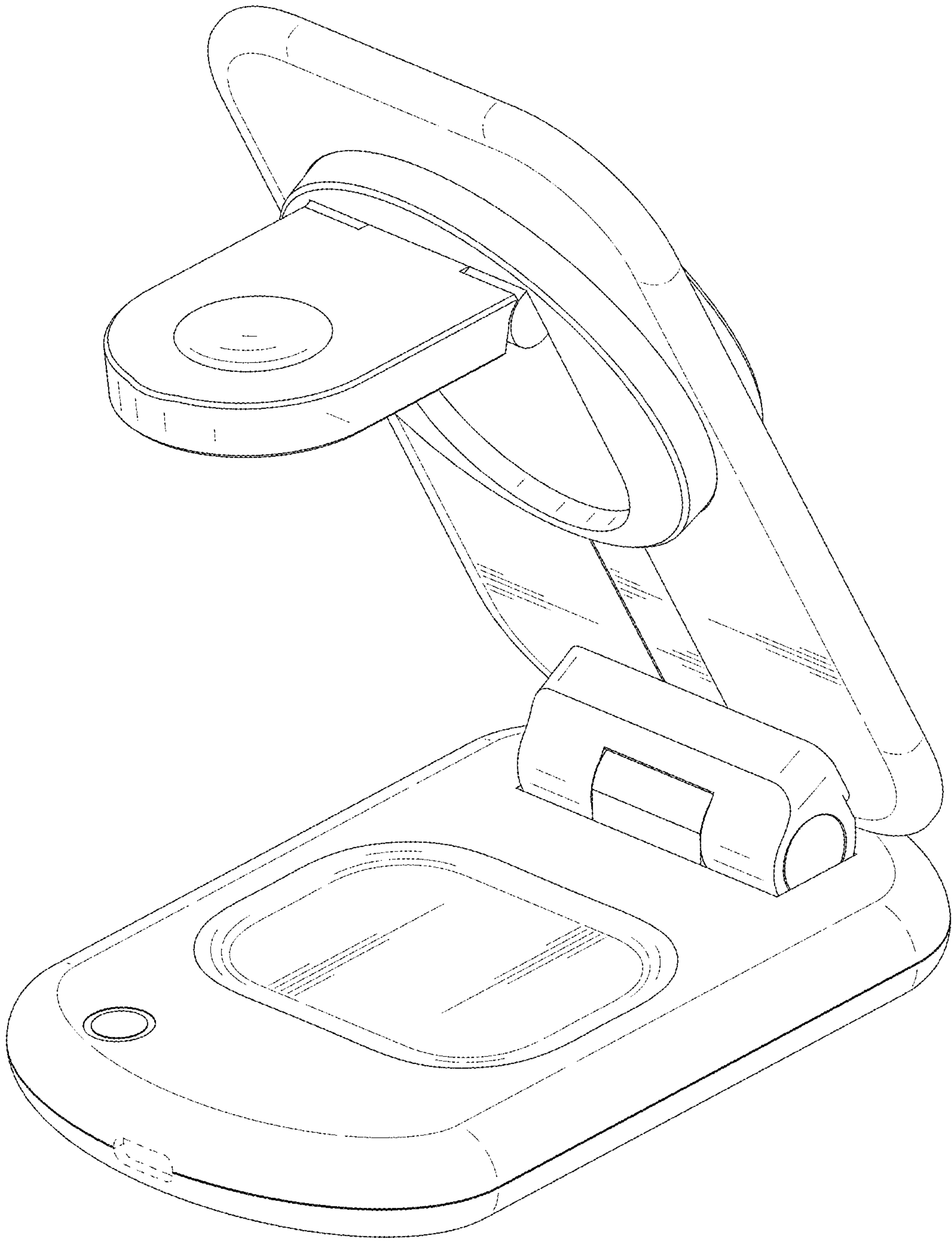


FIG. 9

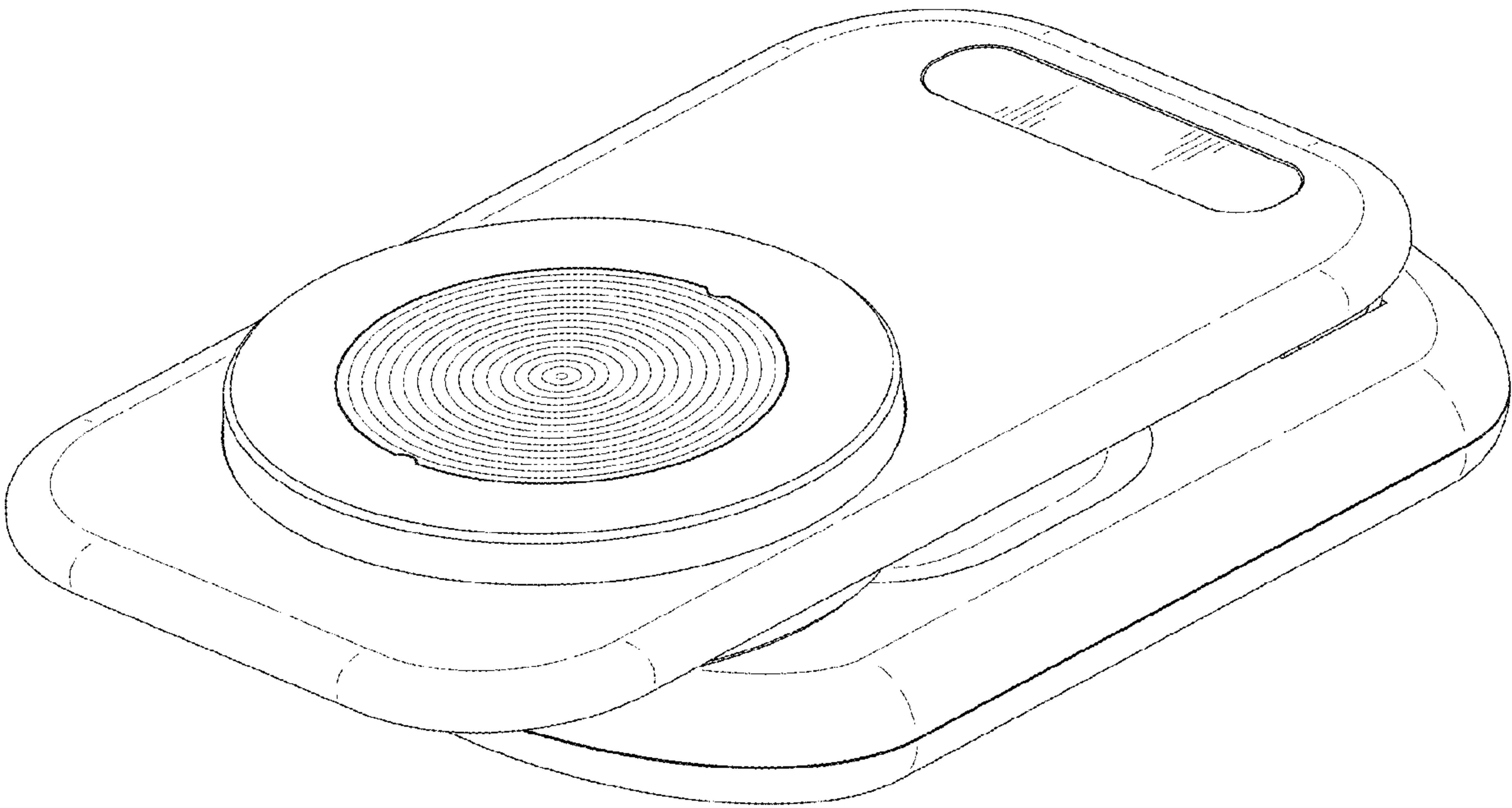


FIG. 10