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Song

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(54) ELECTRIC MILK FROTHER CHARGER

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

(21) Appl. No.: **29/853,086**

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(51) **LOC (15) Cl.** **31-00**

(52) **U.S. Cl.**
USPC **D7/412; D13/108**

(58) **Field of Classification Search**
USPC D7/213, 669, 678, 679, 681, 682, 368,
D7/369, 370, 371, 372, 373, 374, 376,
D7/377, 378, 379, 380, 386, 387, 412,
D7/413, 414, 415, 381, 665, 693;
D13/103, 107, 108; D26/37
CPC .. A47J 42/00; A47J 42/02; A47J 42/04; A47J
42/06; A47J 42/12; A47J 42/14; A47J
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42/36; A47J 42/38; A47J 42/40; A47J
42/44; A47J 42/46; A47J 31/42; A47J
(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

D602,615 S * 10/2009 Liu D26/37
D602,858 S * 10/2009 Ellis D13/108
(Continued)

FOREIGN PATENT DOCUMENTS

CN 307840590 * 3/2023
EM 009173032-0001 * 9/2022

OTHER PUBLICATIONS

Circle Joy Wall Mounted Milk Frother, posted Oct. 11, 2022
[online], [retrieved Jun. 4, 2024]. Retrieved from internet, <https://www.amazon.com/CIRCLE-JOY-Handheld-Rechargeable-Integrated/dp/B0BHVJPD6Y> (Year: 2022).*

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Assistant Examiner — Yen Le Southwood

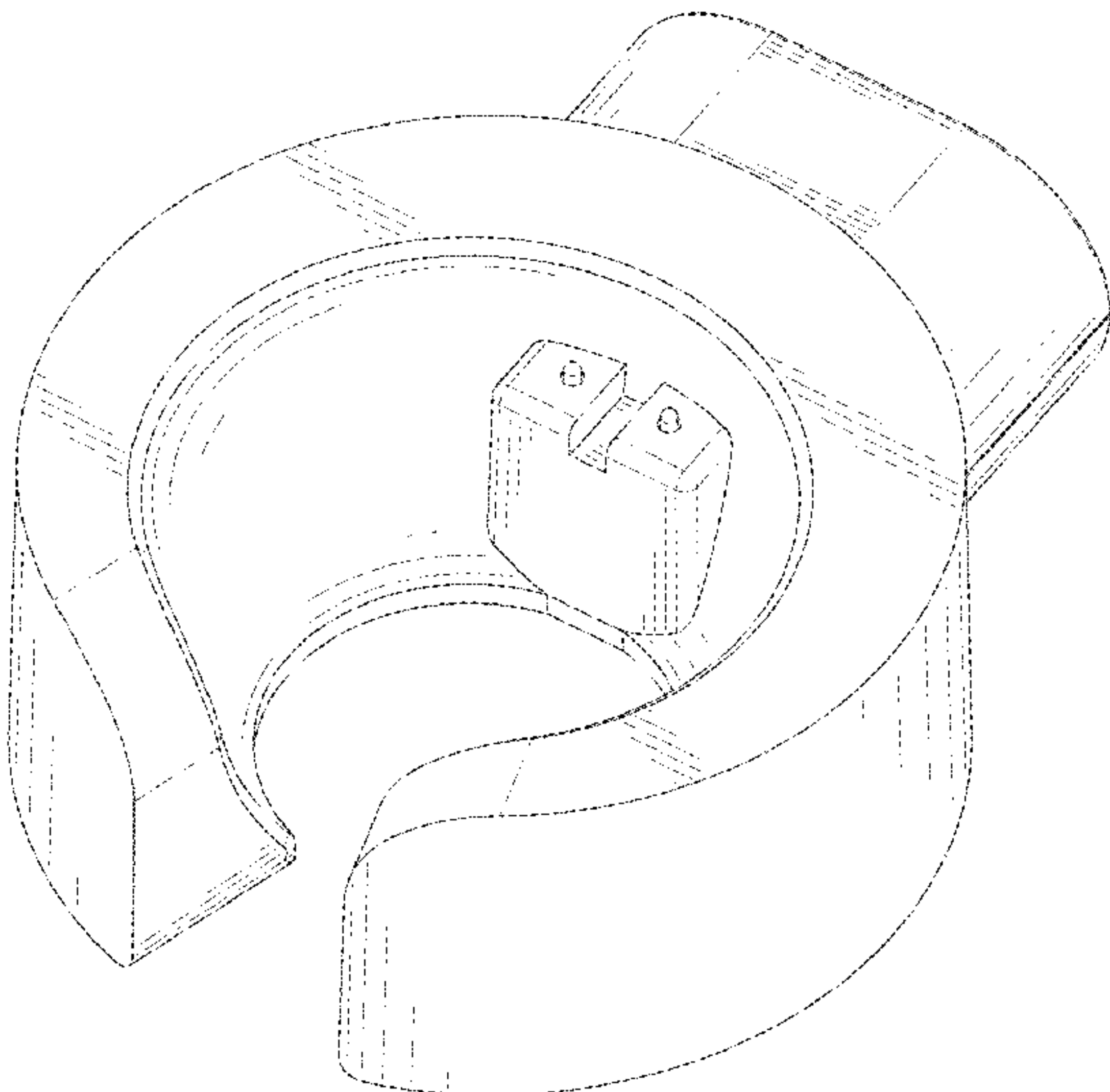
(57) CLAIM

The ornamental design for an electric milk frother charger,
as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of an electric milk
frother charger, showing my new design;
FIG. 2 is a rear and 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 another front and top perspective view thereof,
shown in a state of use;
FIG. 10 is another rear and bottom perspective view thereof,
shown in a state of use;
FIG. 11 is another front and top perspective view thereof,
shown in an alternative state of use; and,
FIG. 12 is another rear and bottom perspective view thereof,
shown in an alternative state of use.
The broken lines showing a bracket in FIGS. 9 and 10 depict
environmental structure that form no part of the claimed
design. The broken lines showing a stand in FIGS. 11 and 12
depict environmental structure that form no part of the
claimed design. The remaining broken lines in the figures
illustrate portions of the electric milk frother charger that
form no part of the claimed design.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

CPC 31/44; A47J 31/4403; A47J 31/4496; A47J 43/04; A47J 43/044; A47J 43/07; A47J 43/10; A47J 43/1006; A47J 43/1012; A47J 43/1018; A47J 43/1025; A47J 43/1031; B01F 2101/07; B01F 2101/14; B01F 23/235; B01F 23/2351; B01F 27/119; B01F 33/501; B01F 33/5011; B01F 35/3204; B01F 35/32025; B01F 35/3202; B26D 5/10; H02J 7/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D610,984	S	*	3/2010	Khan	.....	D13/108
D669,027	S	*	10/2012	Kumpula	.....	D13/108
D722,964	S	*	2/2015	Regole	.....	D13/103
D735,133	S	*	7/2015	Reishus	.....	D13/108
D810,678	S	*	2/2018	Choi	.....	D13/107
D836,547	S	*	12/2018	Uttley	.....	D13/108
D859,307	S	*	9/2019	Campos	.....	D13/108
D965,521	S	*	10/2022	Zhu	.....	H02J 7/00
						D13/108
D996,129	S	*	8/2023	Liu	.....	D7/379
D1,027,548	S	*	5/2024	Wang	.....	D7/379
D1,032,506	S	*	6/2024	Zhang	.....	D13/108

OTHER PUBLICATIONS

BeEcone Milk Frother, Handheld, posted Oct. 25, 2022 [online], [retrieved Jun. 4, 2024]. Retrieved from internet, <https://www.amazon.com/Handheld-Wireless-Rechargeable-Cappuccino-Matcha-Black/dp/B0BKG924G3> (Year: 2022).*

* cited by examiner

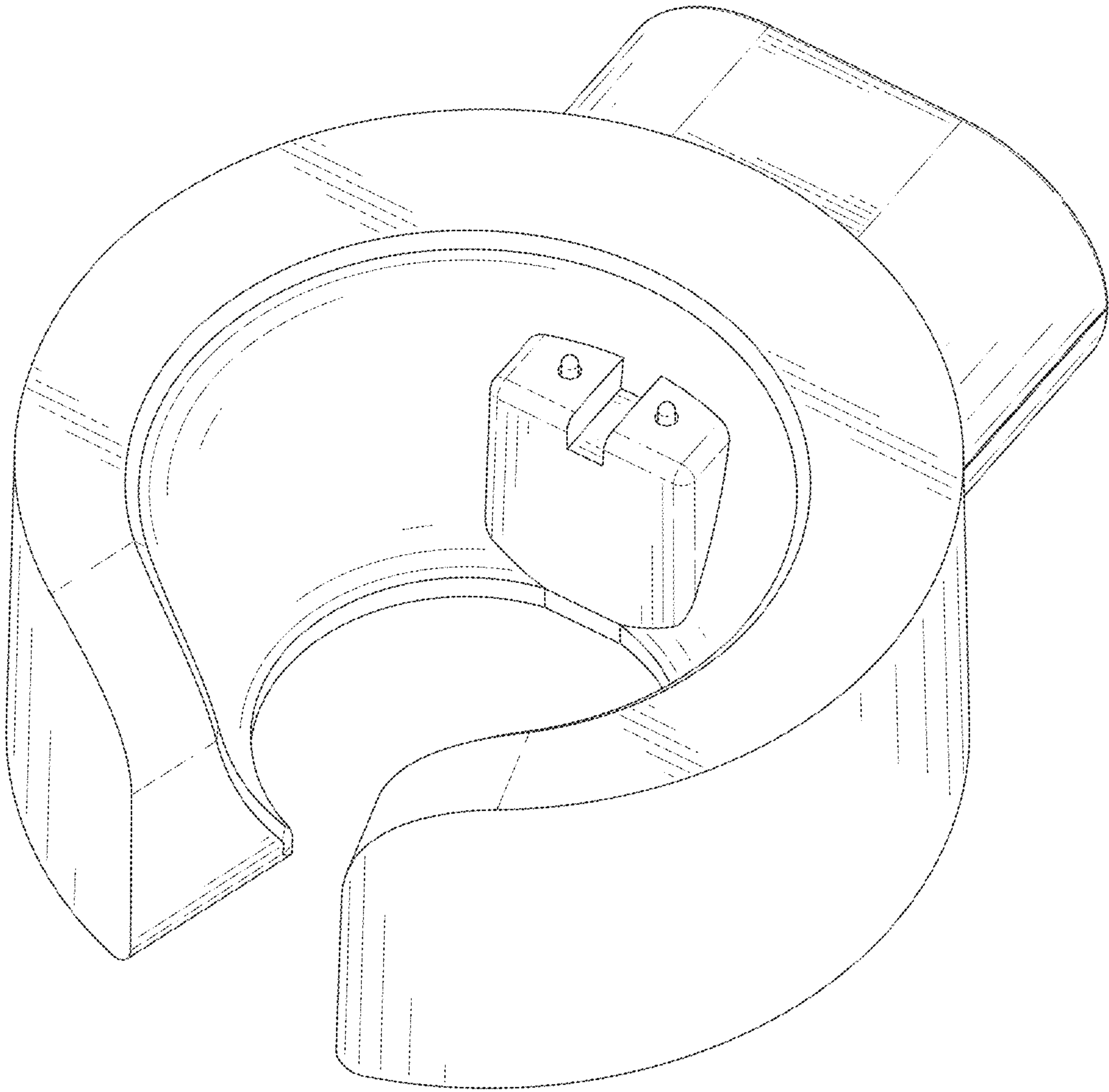


FIG. 1

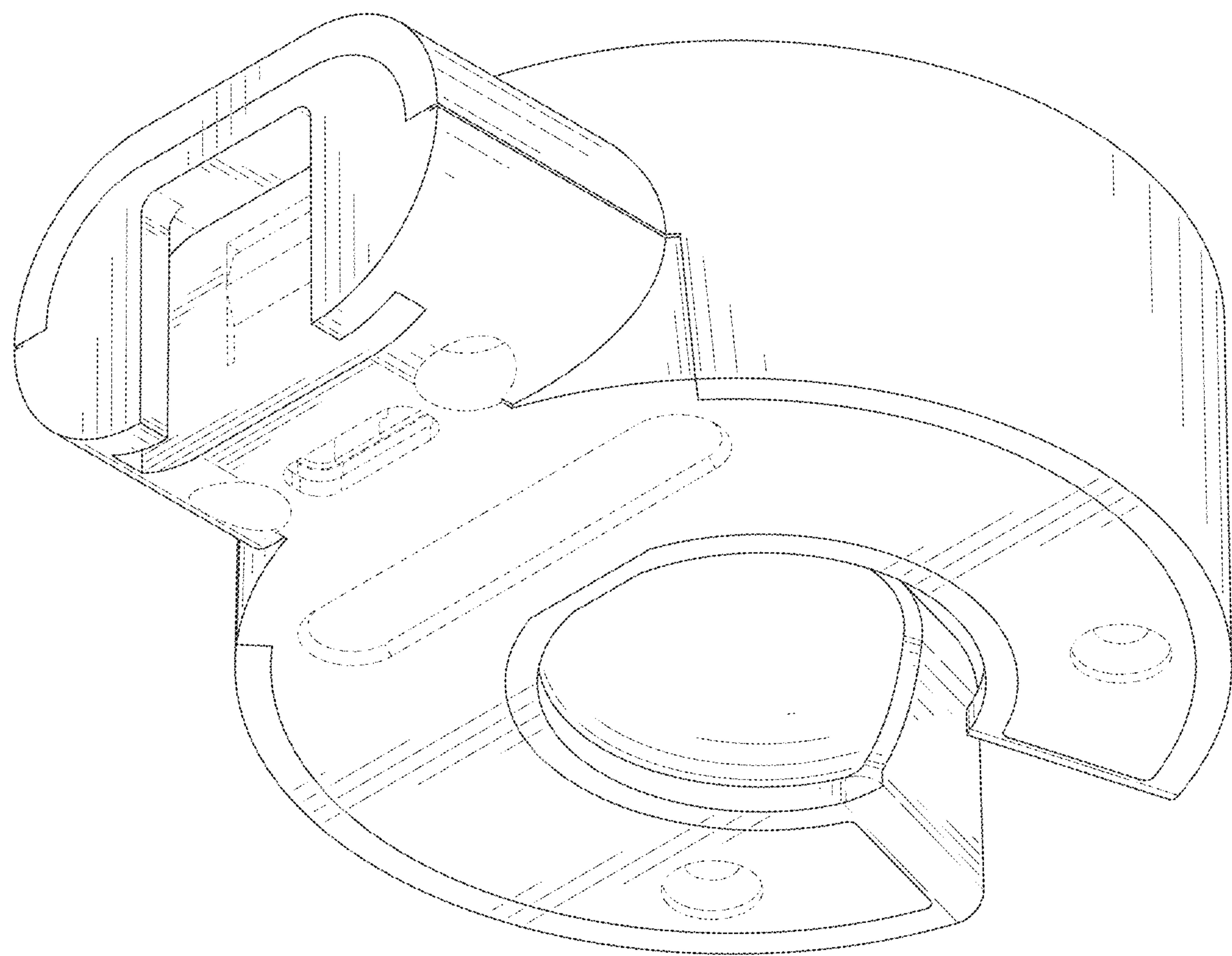


FIG. 2

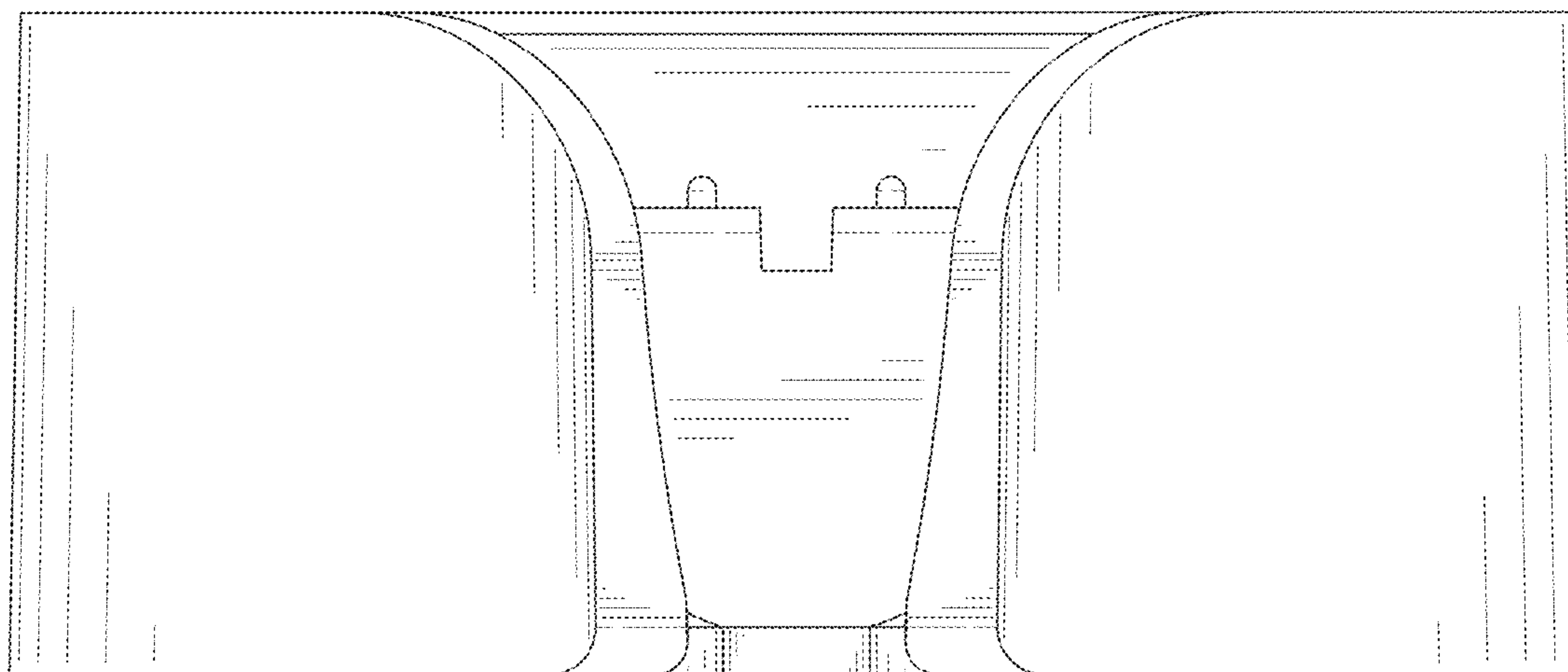


FIG. 3

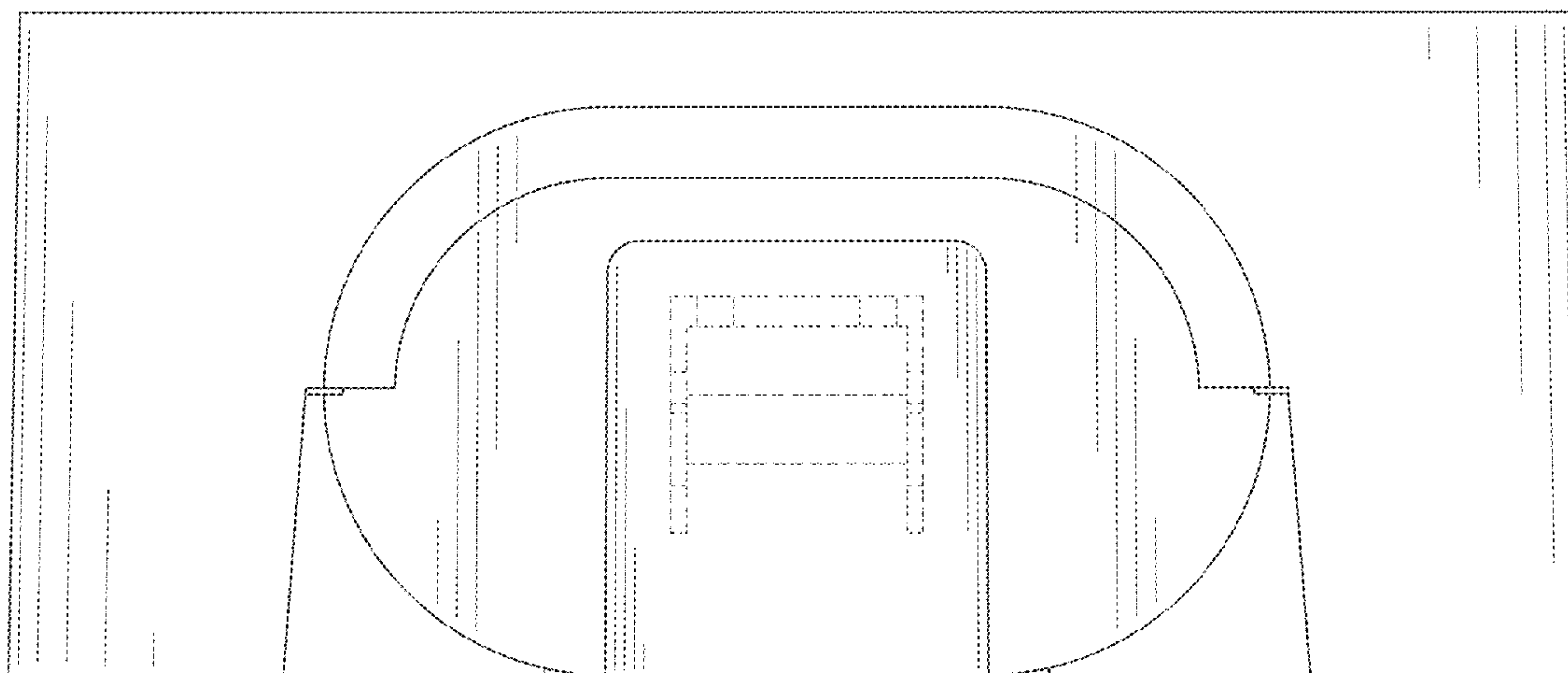


FIG. 4

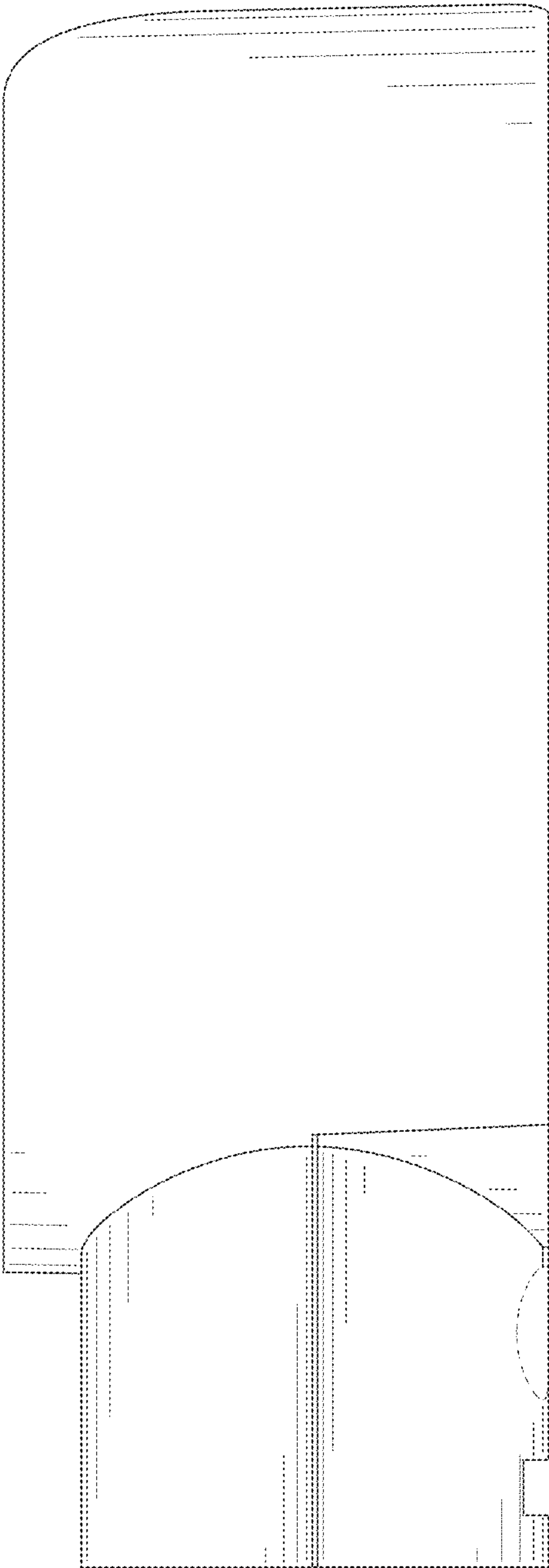


FIG. 5

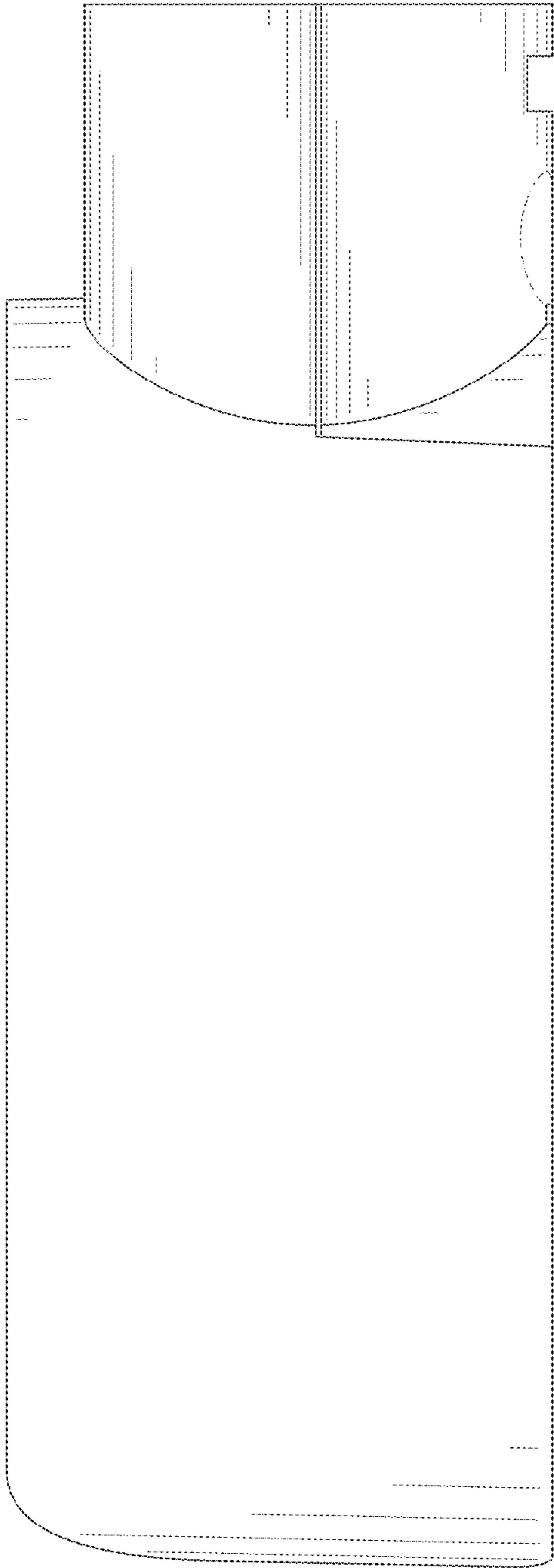


FIG. 6

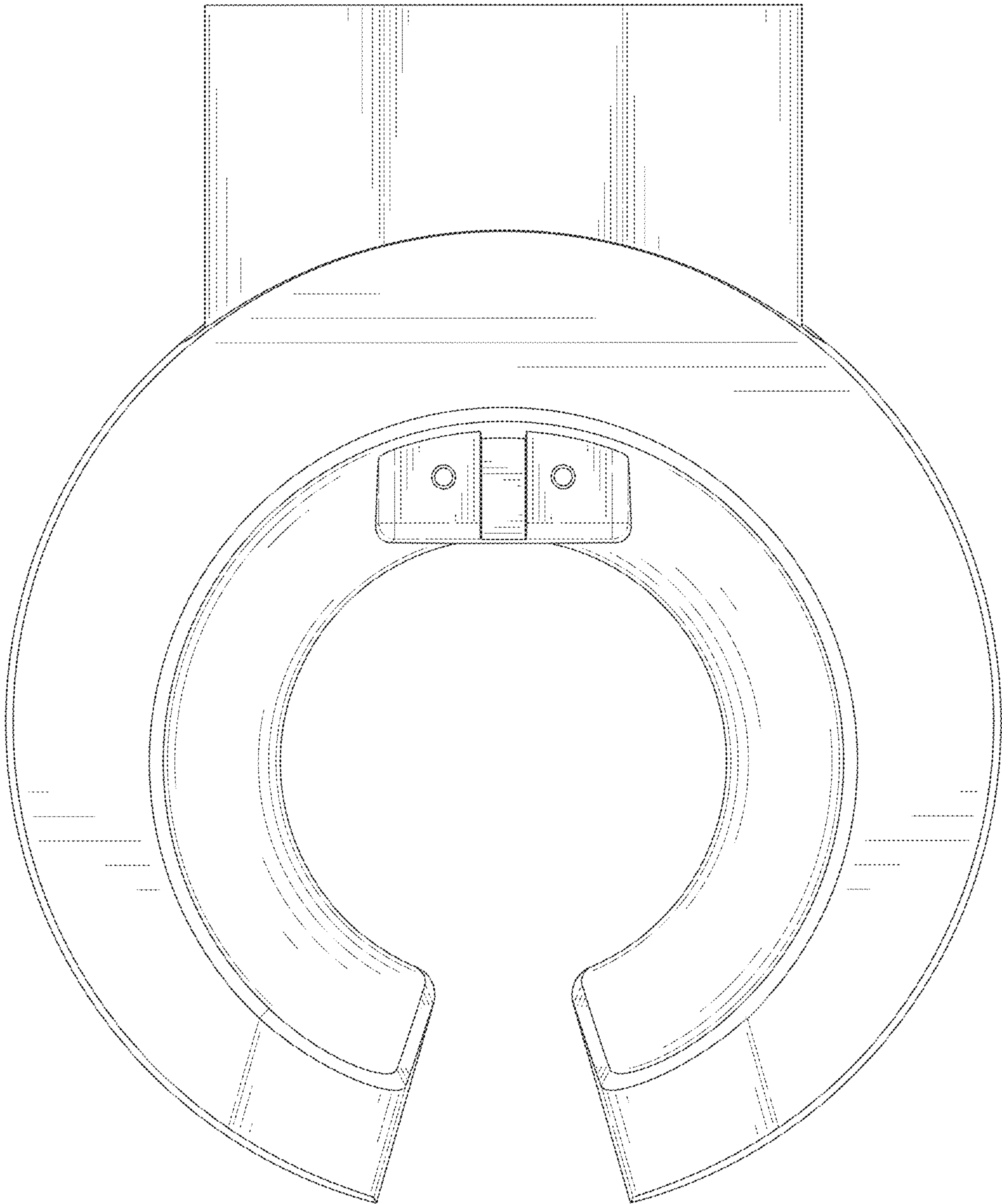


FIG. 7

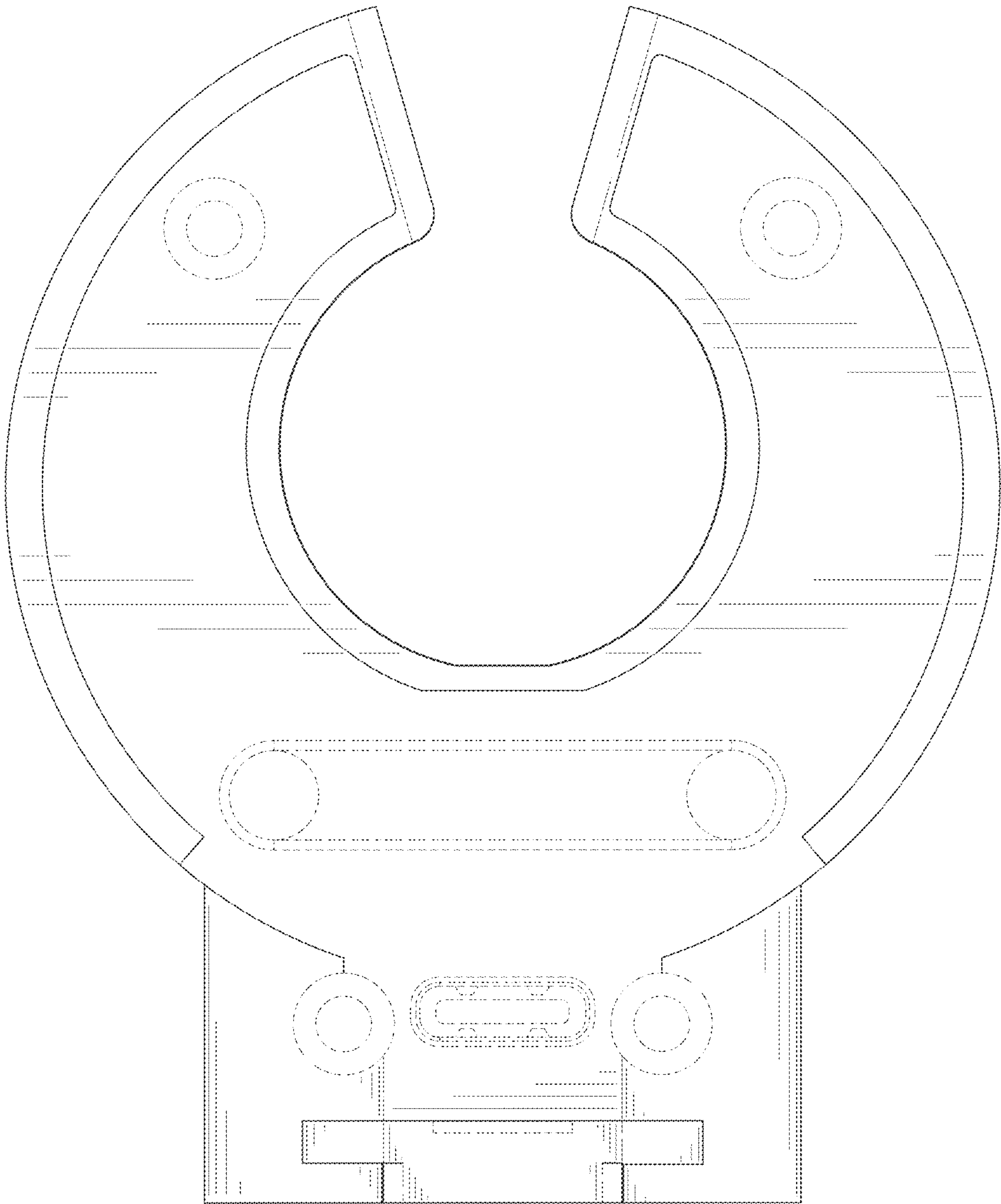


FIG. 8

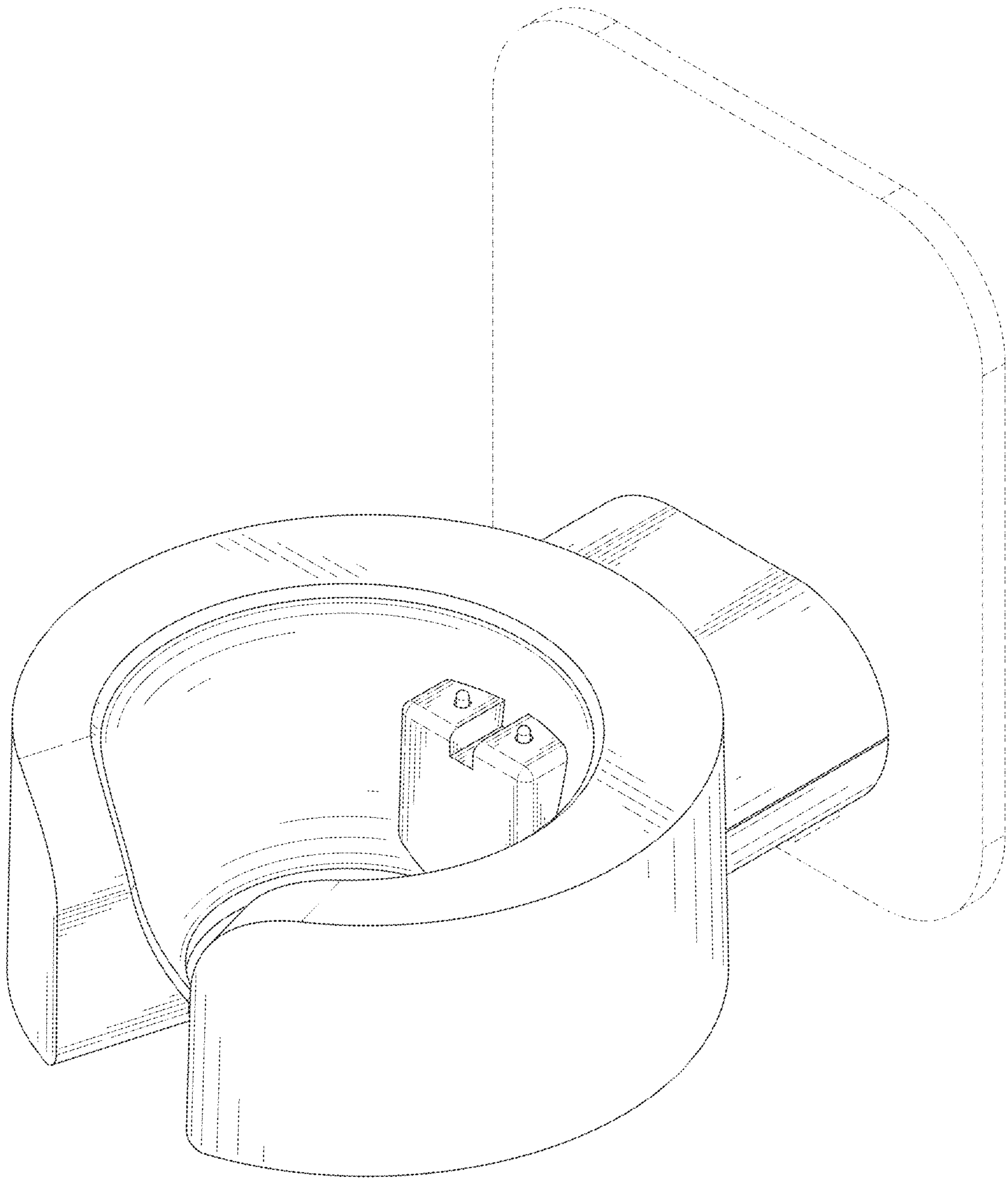


FIG. 9

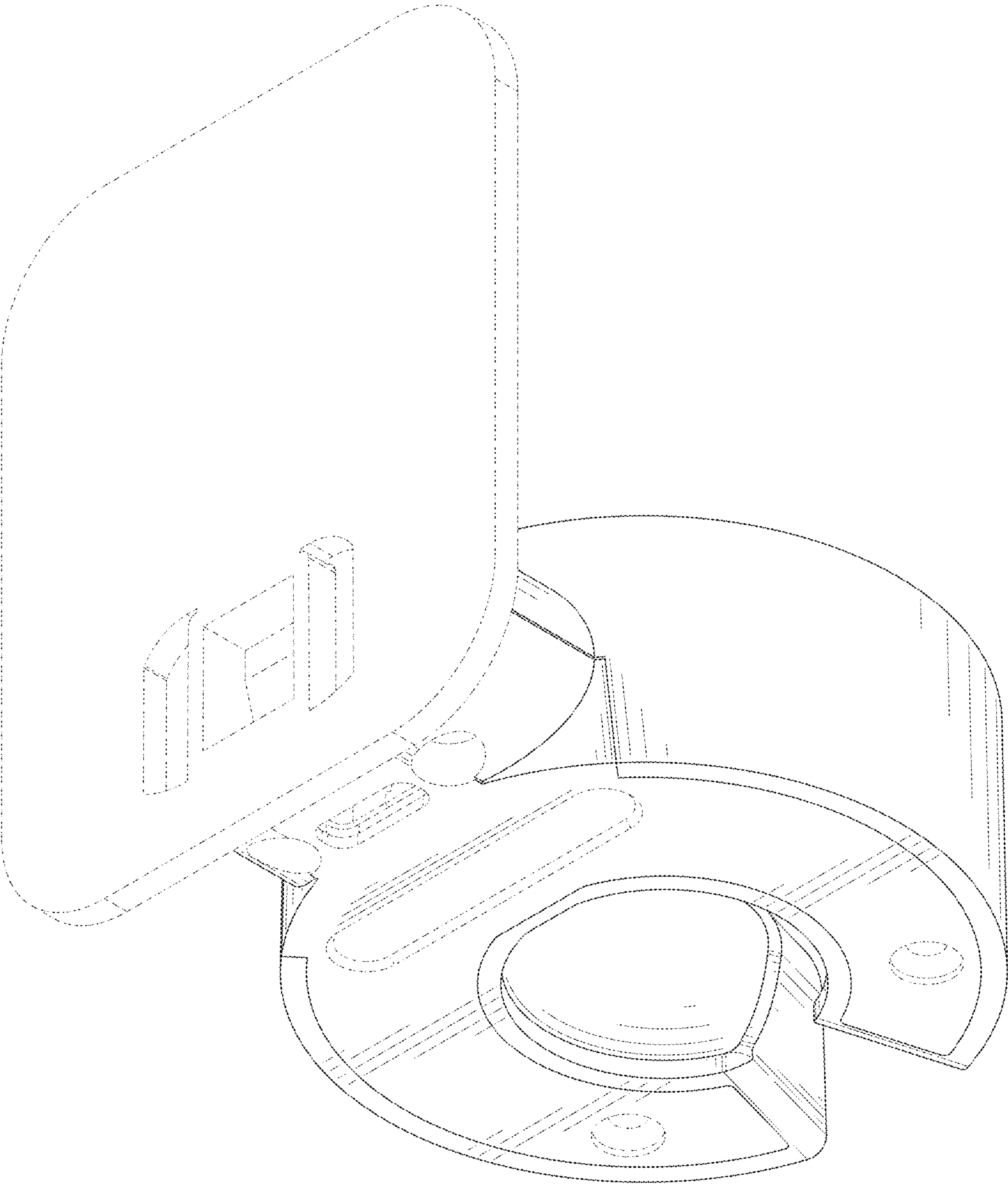


FIG. 10

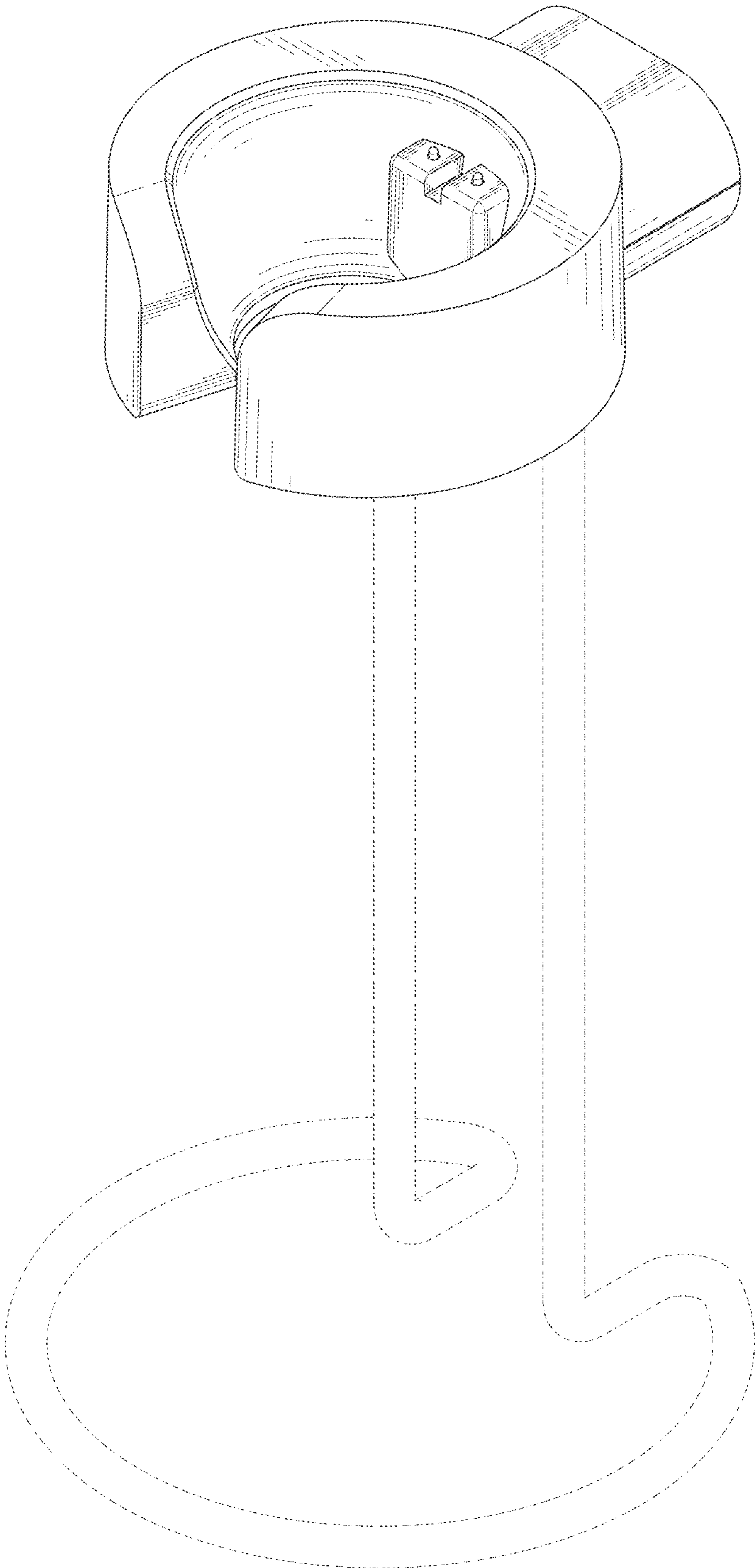


FIG. 11

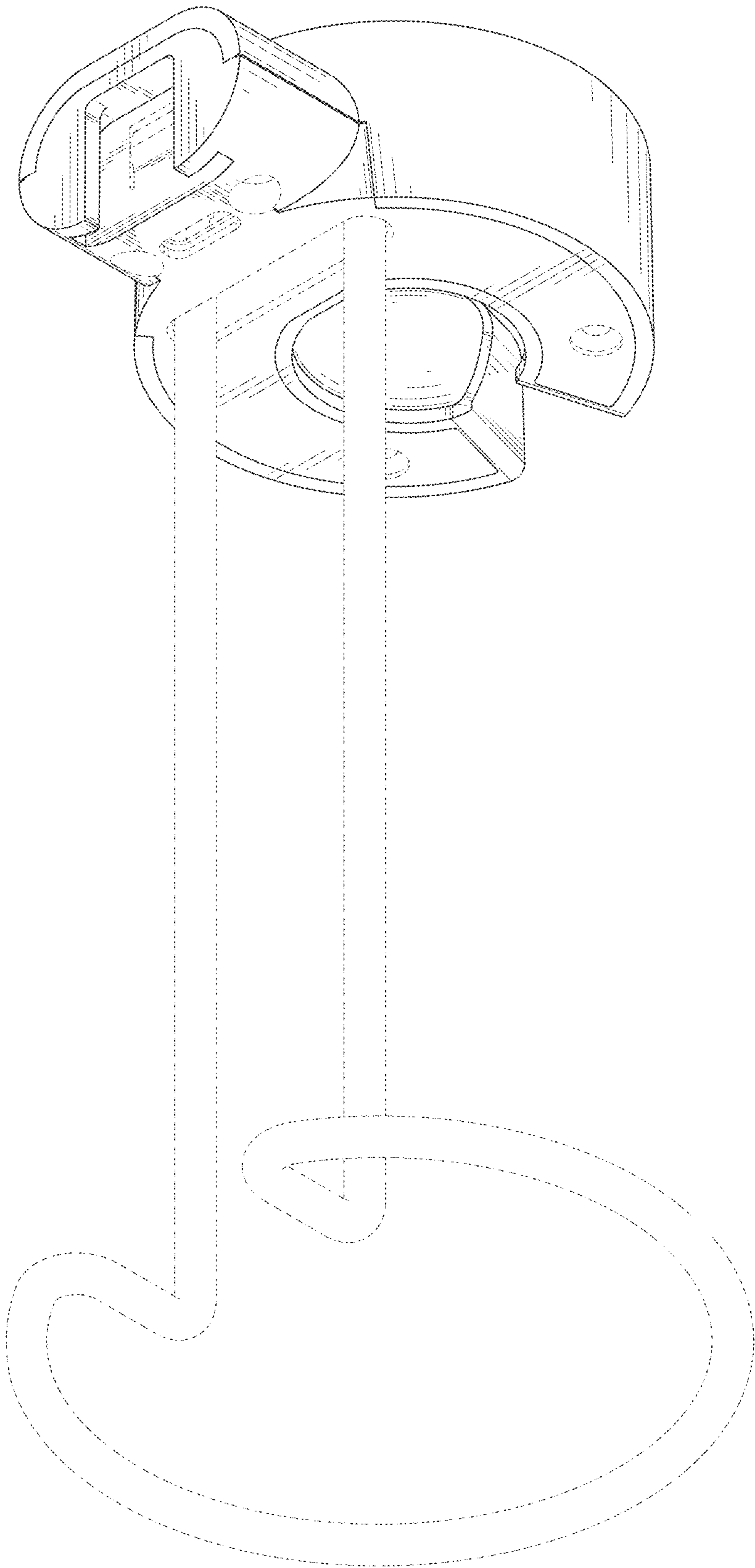


FIG. 12