



US00D956127S

(12) **United States Design Patent** (10) **Patent No.:** **US D956,127 S**
Zhang (45) **Date of Patent:** **** Jun. 28, 2022**

(54) **PAN AND TILT HEAD**

(56) **References Cited**

(71) Applicant: **Shenzhen Qiming Innovation Technology Development Co., Ltd.**, Guangdong (CN)

U.S. PATENT DOCUMENTS

D542,279 S * 5/2007 Chan D14/216
D545,860 S * 7/2007 Miyazaki D16/202

(72) Inventor: **Haiyang Zhang**, Guangdong (CN)

(Continued)

(73) Assignee: **Shenzhen Qiming Innovation Technology Development Co., Ltd.**, Shenzhen (CN)

FOREIGN PATENT DOCUMENTS

CN 304130944 * 5/2017
CN 306156036 * 11/2020

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

(Continued)

(21) Appl. No.: **29/764,336**

OTHER PUBLICATIONS

(22) Filed: **Dec. 29, 2020**

Auto Tracking Phone Holder, [site visited Nov. 22, 2021]:<URL:https://www.amazon.com/gp/product/B08P76FN2N?th=1&psc=1> (Year: 2020).*

(30) **Foreign Application Priority Data**

(Continued)

May 8, 2020 (CN) 202030203057.8

(51) **LOC (13) Cl.** **16-05**

Primary Examiner — Sanjeev Paul

(52) **U.S. Cl.**

Assistant Examiner — Loryn Korrine Leblanc

USPC **D16/242**

(58) **Field of Classification Search**

(57) **CLAIM**

USPC D16/214, 234, 235, 236, 242, 243, 244, D16/245, 250, 131, 132, 237, 136, 239, D16/240, 203.8, 194, 195; D2/870, 878; D8/14, 300, 303, 306, 307, 321, 323, 324, D8/325, 349, 499; D13/183, 184, 107, D13/108, 109, 119, 120, 133, 134, 135, D13/139.4, 154, 156, 173; D14/313, 316, D14/317, 324, 341, 372, 375, 376, 377, D14/432, 203.3, 203.5, 482, 224, 217, D14/229; D21/333, 374, 385, 395, 455, D21/461, 514, 561, 804; D24/137
CPC G03B 17/02; G03B 19/04; G03B 17/56; G03B 17/04; G03B 15/03; H04N 5/2251; H04N 5/2252; H04N 5/2253; H04N 5/2254; H04N 7/181; H04N 7/183; H04N 7/18; G08B 13/1963; G08B 13/19619; G08B 13/19632

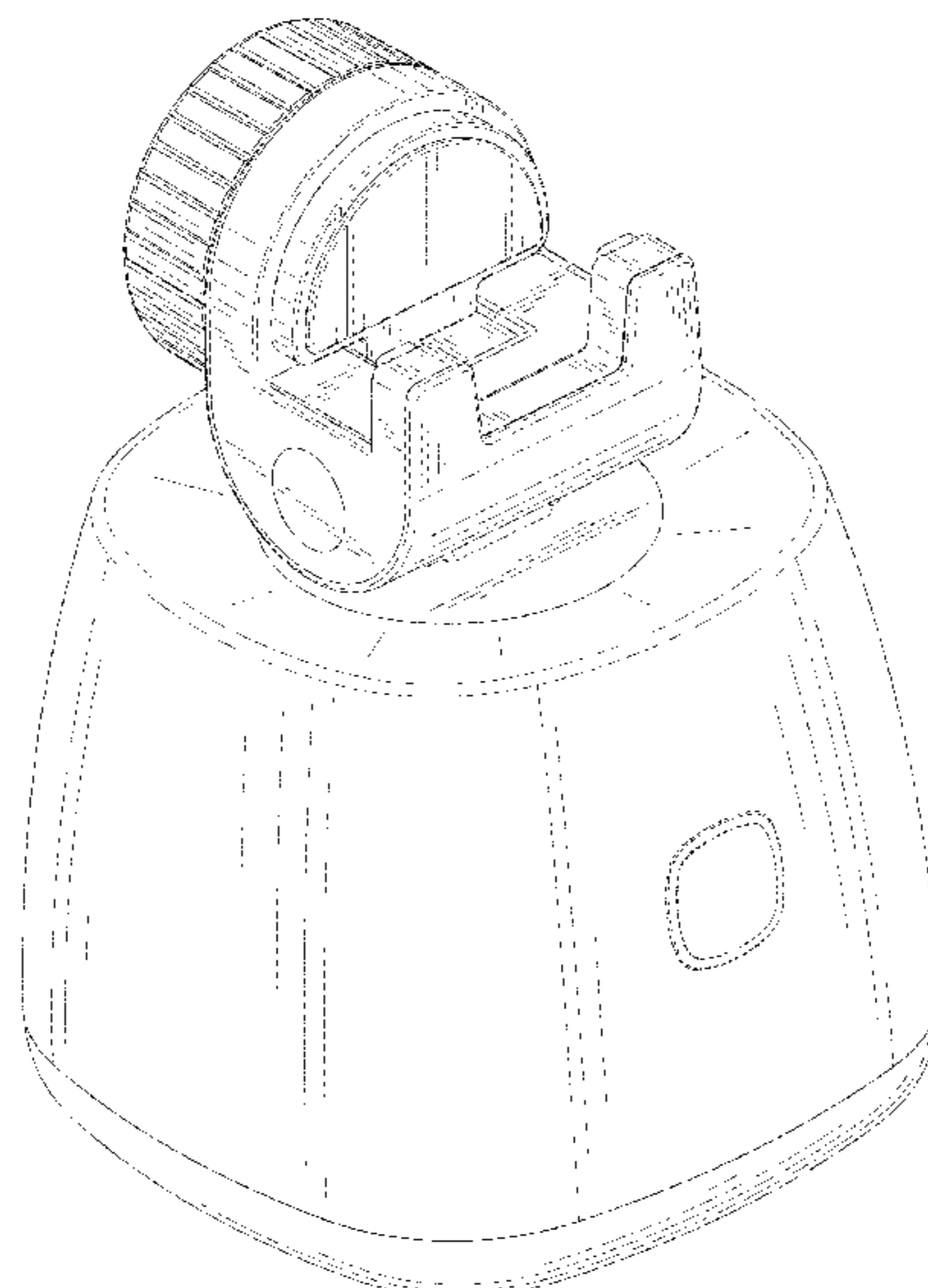
The ornamental design for a pan and tilt head, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a pan and tilt head showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines in the drawings illustrate portions of the pan and tilt head which form no part of the claimed design.

See application file for complete search history.

1 Claim, 7 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

U.S. PATENT DOCUMENTS

D553,123	S	*	10/2007	Solland	.....	D14/217
D610,601	S	*	2/2010	Melder	.....	D16/242
D723,460	S	*	3/2015	Gengler	.....	D13/108
D742,446	S	*	11/2015	Ikeda	.....	D16/202
D746,807	S	*	1/2016	McGarry	.....	D14/253
D779,493	S	*	2/2017	Eliyahu	.....	D14/434
D788,035	S	*	5/2017	Bang	.....	D13/108
D816,030	S	*	4/2018	Sumida	.....	D13/108
D831,072	S	*	10/2018	Becke	.....	D14/496
D859,508	S	*	9/2019	Zhang	.....	D16/244
D863,402	S	*	10/2019	Guo	.....	D16/203
D889,402	S	*	7/2020	Lim	.....	D13/108
D896,169	S	*	9/2020	Toth	.....	D13/108
D927,418	S	*	8/2021	Jones	.....	D13/108

FOREIGN PATENT DOCUMENTS

CN	306190531	*	11/2020
CN	306197227	*	11/2020
CN	306217723	*	12/2020
CN	306423541	*	3/2021
CN	306630489	*	6/2021
CN	306722682	*	7/2021
KR	300657739.0000	*	8/2012

Auto Tracking Phone Holder, pictured review Nov. 3, 2020 [online], [site visited Nov. 26, 2021]:<URL:https://www.amazon.com/gp/product/B08J7WYKM8/ref=ox_sc_act_title_1?smid=A11GISDNKWIYZ3&th=1> (Year: 2020).*

Auto Tracking Phone Holder, pictured review Feb. 1, 2021 [online], [site visited Nov. 30, 2021]:<URL:https://www.amazon.com/gp/product/B08GZC78C9/ref=ox_sc_act_title_1?smid=A3K37LG9D010ZN&th=1> (Year: 2020).*

Auto Tracking Phone Holder, [site visited Nov. 30, 2021]:<URL:https://www.amazon.com/gp/product/B097QNVWDJ/ref=ox_sc_act_title_1?smid=AY2QDB8AA54UH&th=1> (Year: 2021).*

Google Search: “Selfie Auto Tracking Phone Mount” [site visited Nov. 22, 2021]:<URL:https://www.google.com/search?q=selfie+auto+tracking+phone+mount&tbm=isch&ved=2ahUKEwjatfjboaz0AhVXFFkFHTAdD_sQ2-cCegQIABAA&oeq%E2%80%A6> (Year: 2021).*

YouTube Search: “Auto Tracking Phone Holder” [site visited Nov. 22, 2021]:<URL:https://www.youtube.com/results?search_query=2018+auto+tracking+phone+holder> (Year: 2021).*

* cited by examiner

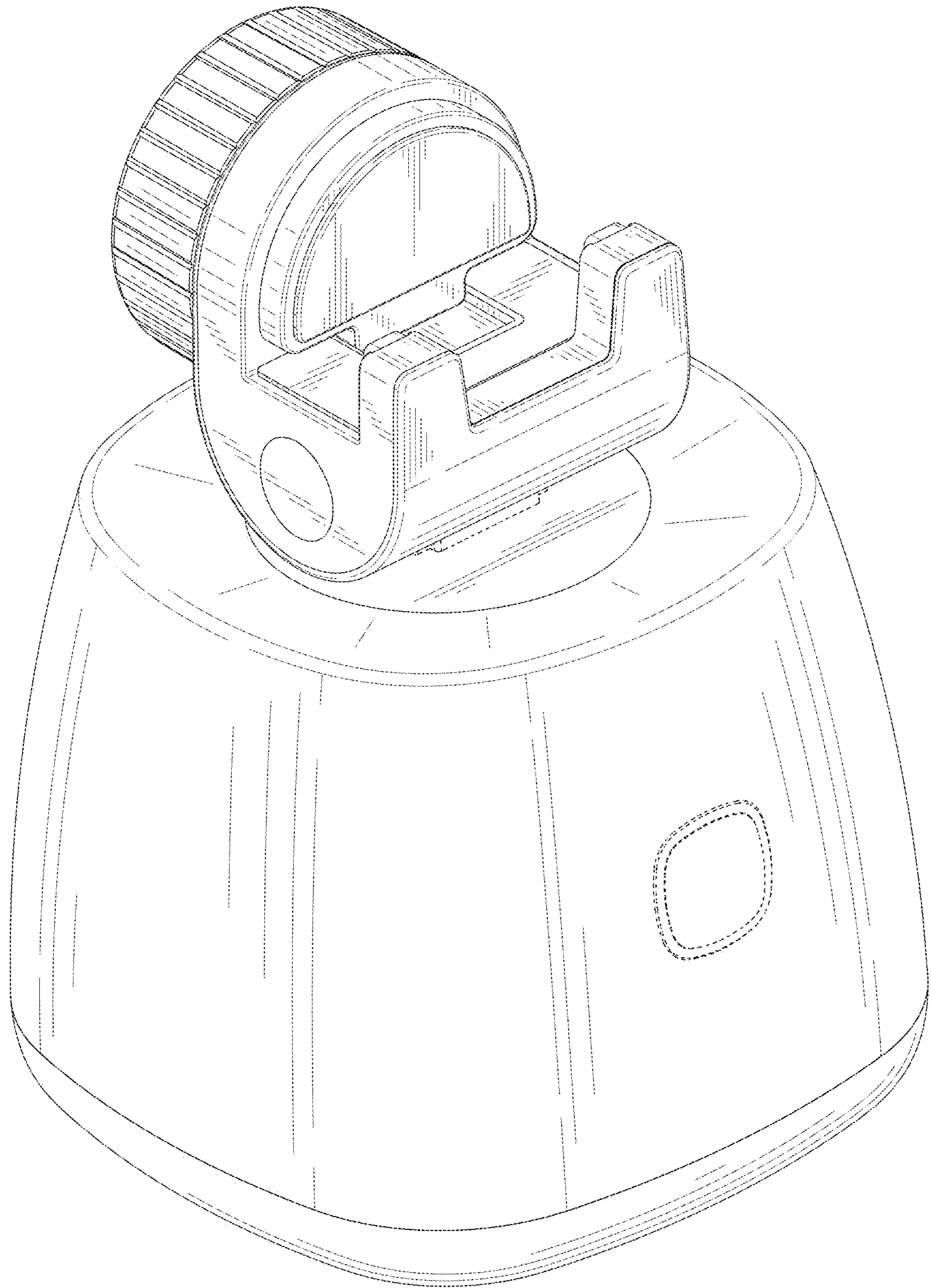


FIG. 1

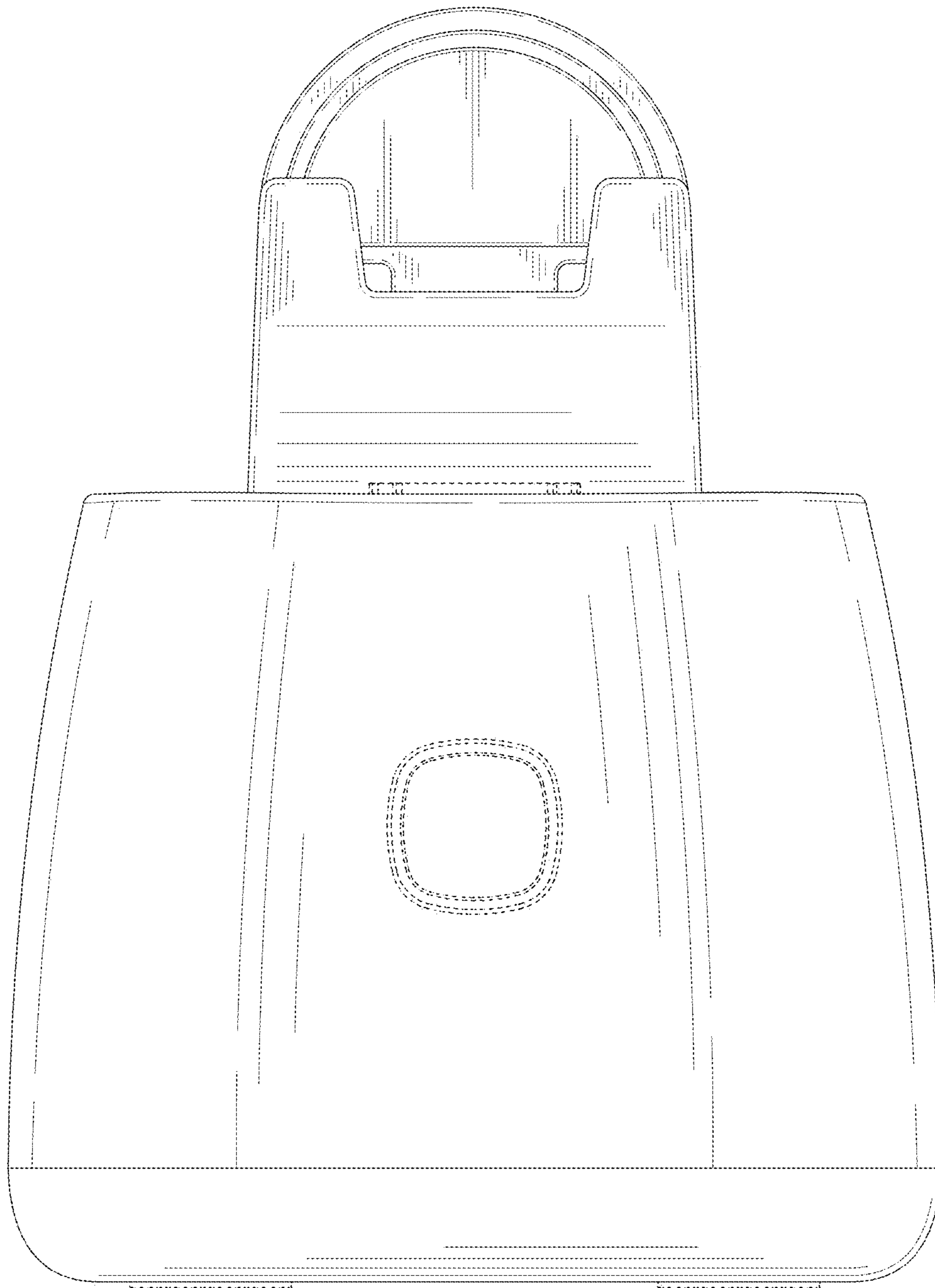


FIG. 2

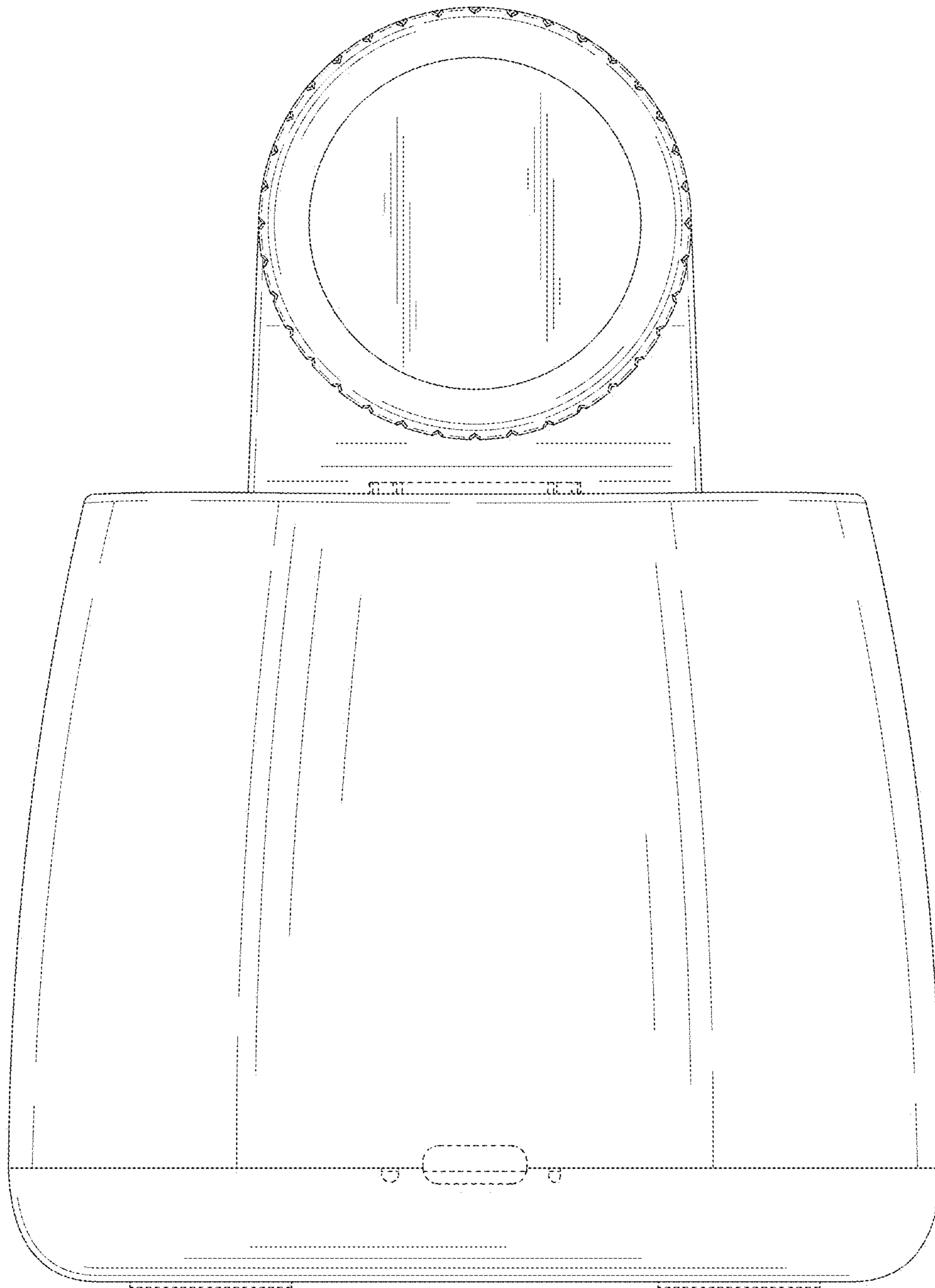


FIG. 3

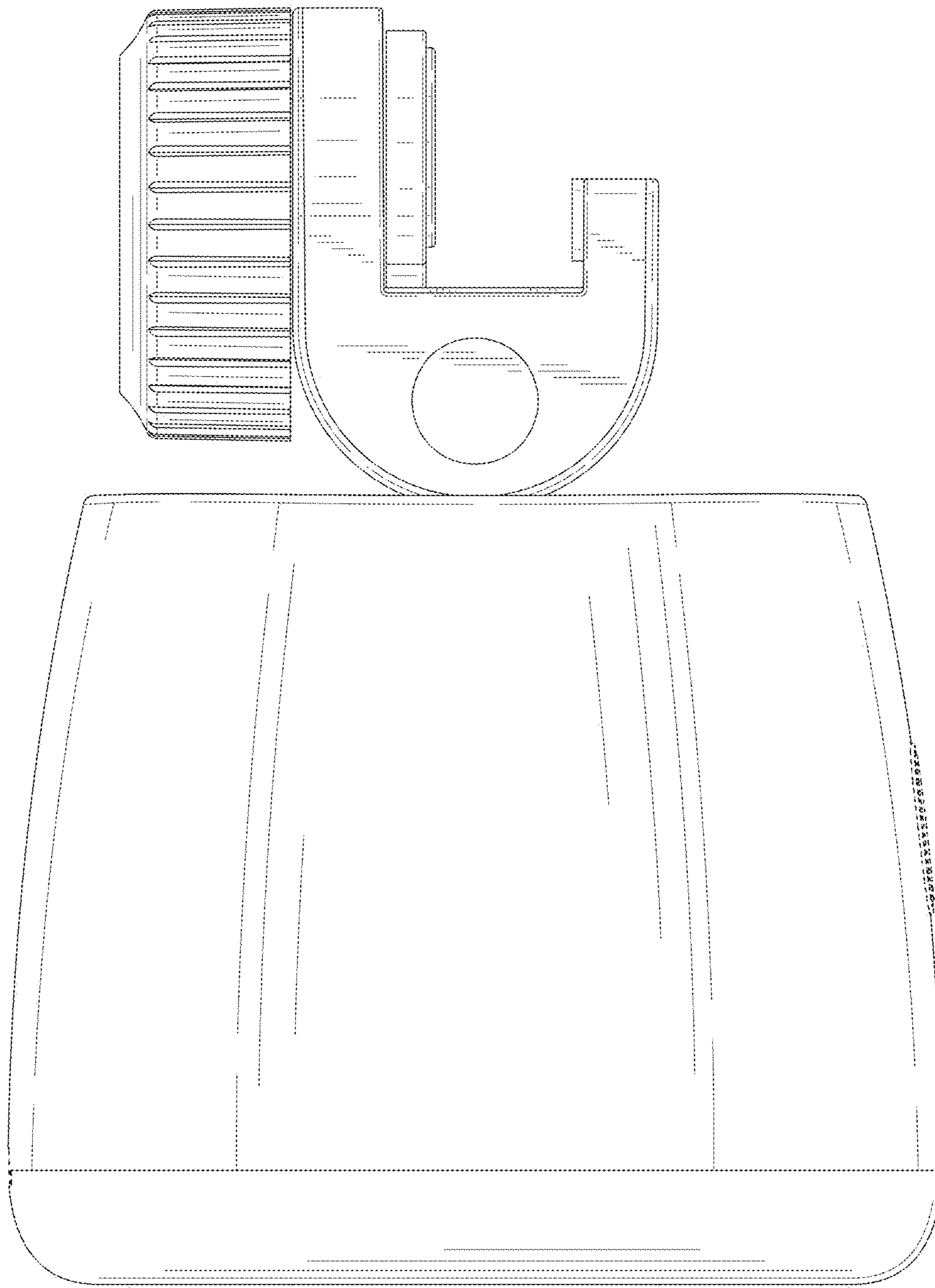


FIG. 4

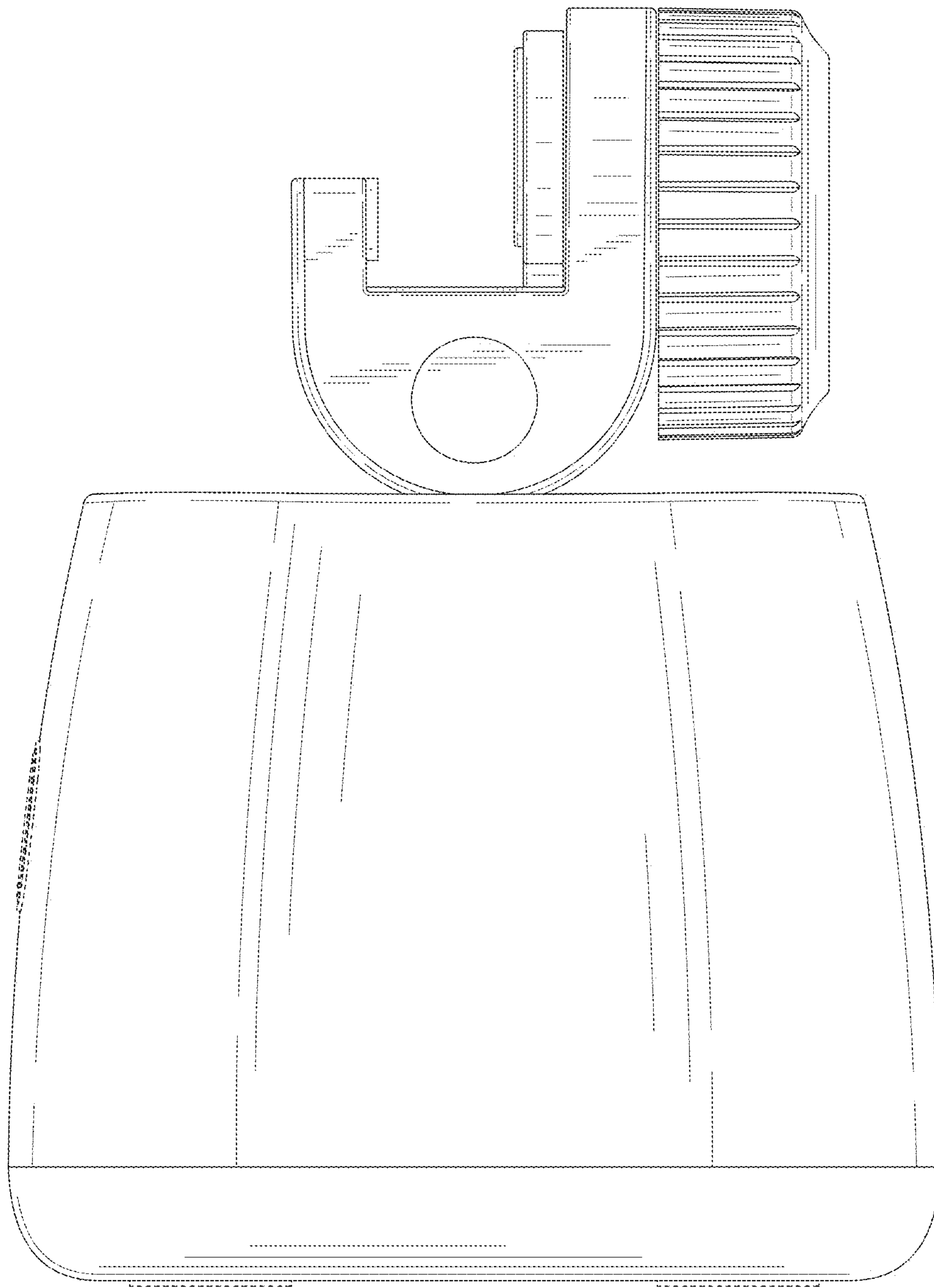


FIG. 5

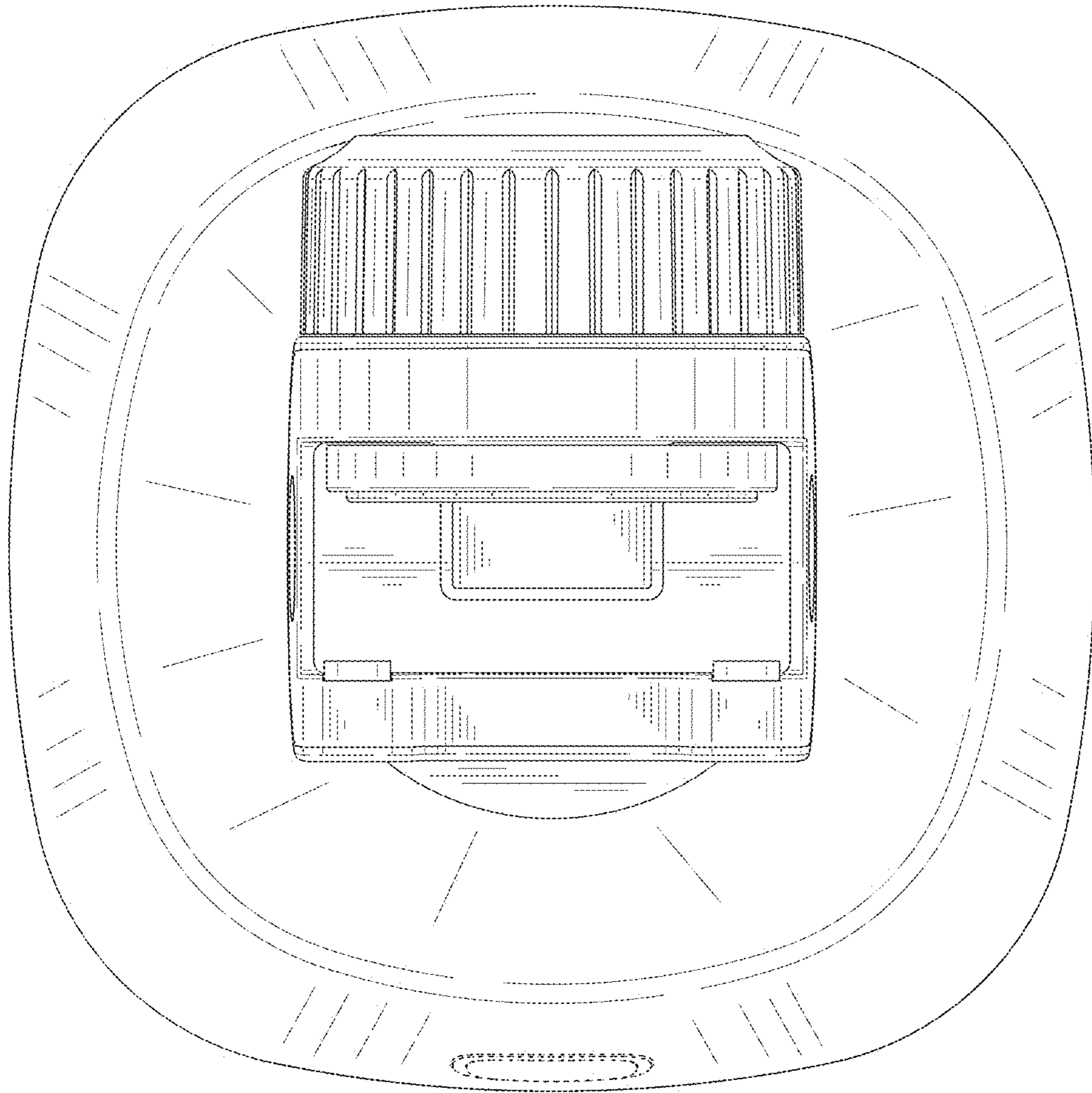


FIG. 6

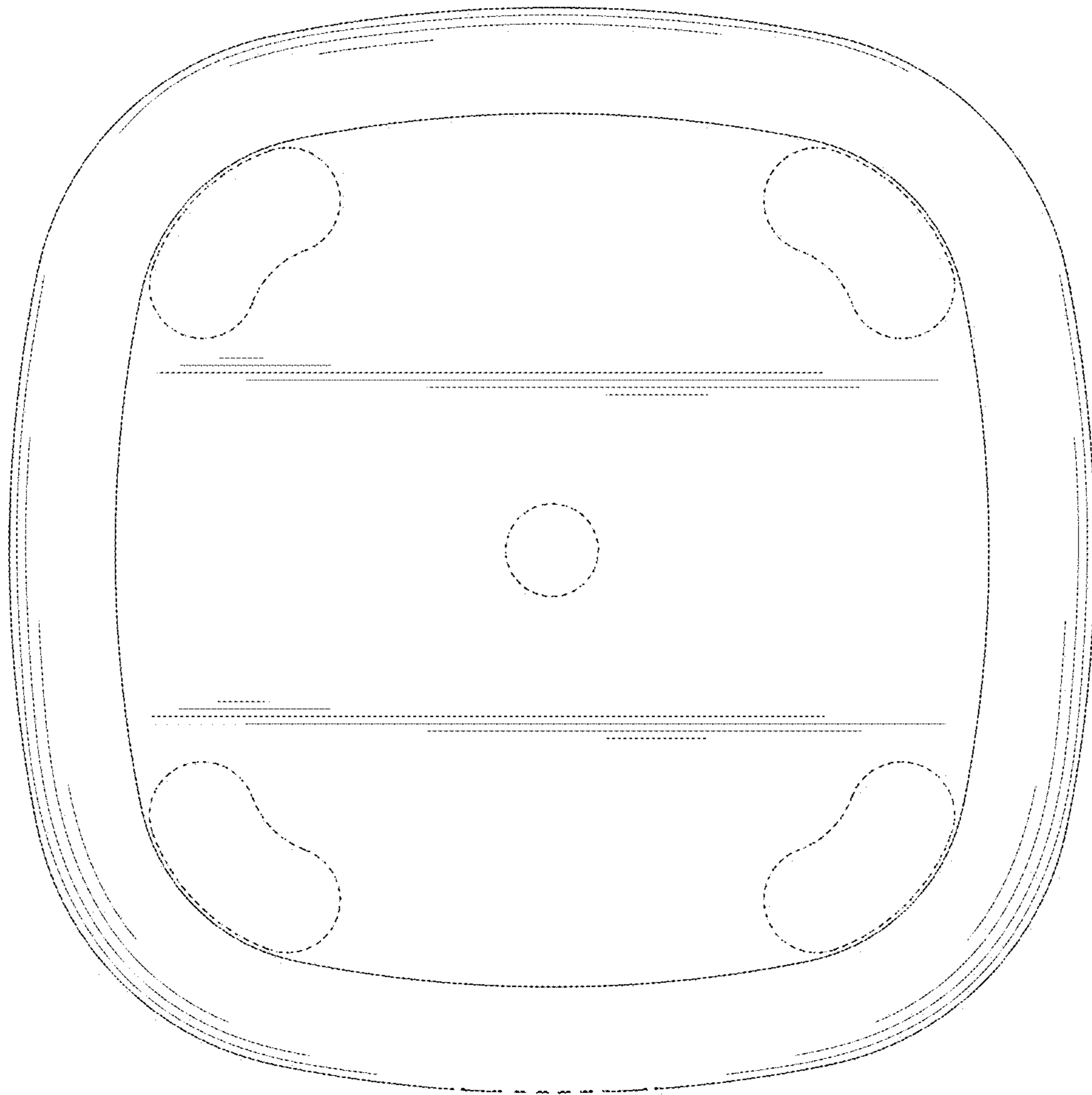


FIG. 7