



US00D950563S

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

(10) **Patent No.:** **US D950,563 S**
(45) **Date of Patent:** **** May 3, 2022**

(54) **WIRELESS HUB**

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

(21) Appl. No.: **29/769,284**

(22) Filed: **Feb. 4, 2021**

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

(52) **U.S. Cl.**
USPC **D14/434**; D14/358

(58) **Field of Classification Search**
USPC D14/434, 440, 447, 432, 433, 451, 452,
D14/454, 455, 356, 358, 357, 315, 320,
D14/322, 326, 392, 251-253, 217, 299,
D14/496, 168, 172, 125, 240, 242, 155;
D13/103, 107, 108, 118, 119, 184
CPC G06F 1/16; G06F 1/1616; G06F 1/1626;
G06F 1/1632; G06F 1/1684; G06F
1/1688; G06F 1/266; G06F 13/00; G06F
13/12; G06F 13/14; G06F 13/20; G06F
13/382; G06F 13/4022; F16M 11/10;
F16M 11/20; H02J 57/025; H02J 7/0042;
H02J 7/00; H02J 7/0027; H02J 7/0044;
H02J 7/0045; H02J 7/355; H02J 7/025;
H04R 1/025; H04R 5/04; H01R 31/065;
H01M 10/44; H04W 8/00; H04W 8/005;
H04W 8/02; H04W 8/08

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D415,131 S *	10/1999	Chang	.....	D14/433
D416,233 S *	11/1999	Tsai	.....	D13/147
D436,109 S *	1/2001	Tong	.....	D14/434
D461,476 S *	8/2002	Evers	.....	D14/341
D464,957 S *	10/2002	Guccione	.....	D14/240
D469,770 S *	2/2003	Carpenter	.....	D13/147
D478,057 S *	8/2003	Cohen	.....	D14/155
D532,780 S *	11/2006	Proctor, Jr.	.....	D14/240
D535,983 S *	1/2007	Krieger	.....	D14/230
D561,762 S *	2/2008	Mori	.....	D14/434
D599,800 S *	9/2009	Klein	.....	D14/433
D602,858 S *	10/2009	Ellis	.....	D13/108
D645,818 S *	9/2011	Guccione	.....	D13/108
D654,431 S *	2/2012	Stephanchick	.....	D13/108
D654,866 S *	2/2012	Rautiainen	.....	D13/108
D659,093 S *	5/2012	Schmid	.....	D13/108
D673,110 S *	12/2012	Sasada	D13/108
D696,190 S *	12/2013	Brandtman	D13/108

(Continued)

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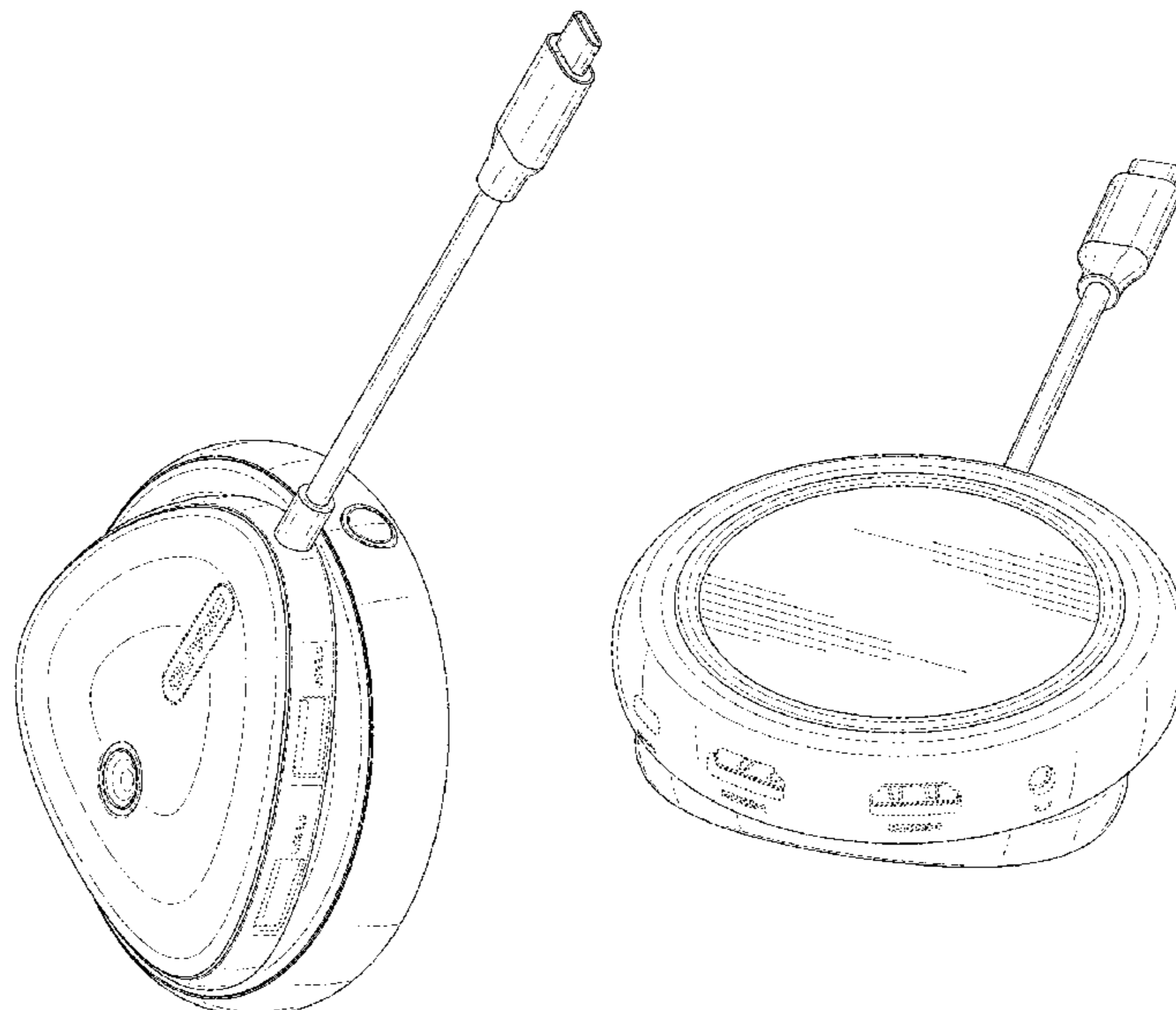
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a wireless hub showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is a bottom, rear and left side perspective view thereof.
The broken lines in the drawings illustrate the portions of the wireless hub which form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D704,634 S * 5/2014 Eidelman D13/108
 D709,504 S * 7/2014 Breines D14/433
 D714,731 S * 10/2014 Lee D13/147
 D716,803 S * 11/2014 Neumann D14/358
 D716,804 S * 11/2014 Neumann D14/358
 D718,233 S * 11/2014 Aumiller D13/108
 D718,712 S * 12/2014 Aumiller D13/108
 D720,288 S * 12/2014 Ko D13/108
 D725,034 S * 3/2015 Chen D13/108
 D725,098 S * 3/2015 Neumann D14/358
 D725,099 S * 3/2015 Neumann D14/358
 D727,260 S * 4/2015 Aumiller D13/108
 D732,010 S * 6/2015 Hsiau D14/240
 D737,760 S * 9/2015 Kyriakoulis D13/108
 D737,762 S * 9/2015 Aumiller D13/108
 D740,750 S * 10/2015 Mayden D13/108
 D742,823 S * 11/2015 Nitz D13/108
 D746,772 S * 1/2016 Aumiller D13/108
 D749,504 S * 2/2016 Jeong D13/108
 D755,790 S * 5/2016 Salvatori D14/433
 D757,014 S * 5/2016 Hahn D14/434
 D772,813 S * 11/2016 Wahl D13/108
 D775,233 S * 12/2016 Beck D14/496
 D782,485 S * 3/2017 Cai D14/433
 D782,973 S * 4/2017 Zhou D13/108
 D784,259 S * 4/2017 Huang D13/108
 D784,307 S * 4/2017 Yoon D14/240
 D791,215 S * 7/2017 Schmidt D16/242
 D795,183 S * 8/2017 Akana D13/108
 D796,433 S * 9/2017 Langhammer D13/108
 D797,042 S * 9/2017 Miller D13/107
 D797,807 S * 9/2017 Mangum D14/496
 D798,807 S * 10/2017 Shi D13/108
 D804,531 S * 12/2017 Beck D14/496
 D804,532 S * 12/2017 Mangum D14/496

D808,901 S * 1/2018 Kelly D13/107
 D811,326 S * 2/2018 Woo D13/108
 D817,268 S * 5/2018 Symons D13/108
 D817,919 S * 5/2018 Fairless D14/204
 D826,890 S * 8/2018 Fairless D14/204
 D830,327 S * 10/2018 Jones D14/155
 D832,262 S * 10/2018 Kato D14/433
 D834,565 S * 11/2018 Sarrasin D14/227
 D839,189 S * 1/2019 Miller D13/108
 D850,367 S * 6/2019 Xiong D13/108
 D850,372 S * 6/2019 Kong D13/108
 D855,567 S * 8/2019 Cai D13/108
 D859,307 S * 9/2019 Campos D13/108
 D860,937 S * 9/2019 Slaatto D13/108
 D868,712 S * 12/2019 Scala D14/125
 D869,391 S * 12/2019 Roberts D13/108
 D872,015 S * 1/2020 Choi D13/108
 D875,674 S * 2/2020 Smigel D13/108
 D875,678 S * 2/2020 Kim D13/108
 D883,922 S * 5/2020 Peters D13/108
 D884,677 S * 5/2020 Feng D14/216
 D890,104 S * 7/2020 Wu D13/147
 D890,151 S * 7/2020 Gao D14/240
 D890,700 S * 7/2020 Kawamoto D13/110
 D891,366 S * 7/2020 Xie D13/108
 D893,486 S * 8/2020 Liao D14/433
 D897,956 S * 10/2020 Yang D13/108
 D899,359 S * 10/2020 Zhang D13/108
 D901,379 S * 11/2020 Choi D13/108
 D906,237 S * 12/2020 Yao D13/108
 D908,620 S * 1/2021 Akana D13/108
 D914,662 S * 3/2021 Unter Ecker D14/240
 D917,390 S * 4/2021 Tung D13/108
 D930,040 S * 9/2021 Shih D14/496
 D934,193 S * 10/2021 Zhang D14/204
 D935,402 S * 11/2021 Qiu D13/108
 D935,429 S * 11/2021 Green D14/155
 D937,765 S * 12/2021 Akana D13/107

* cited by examiner

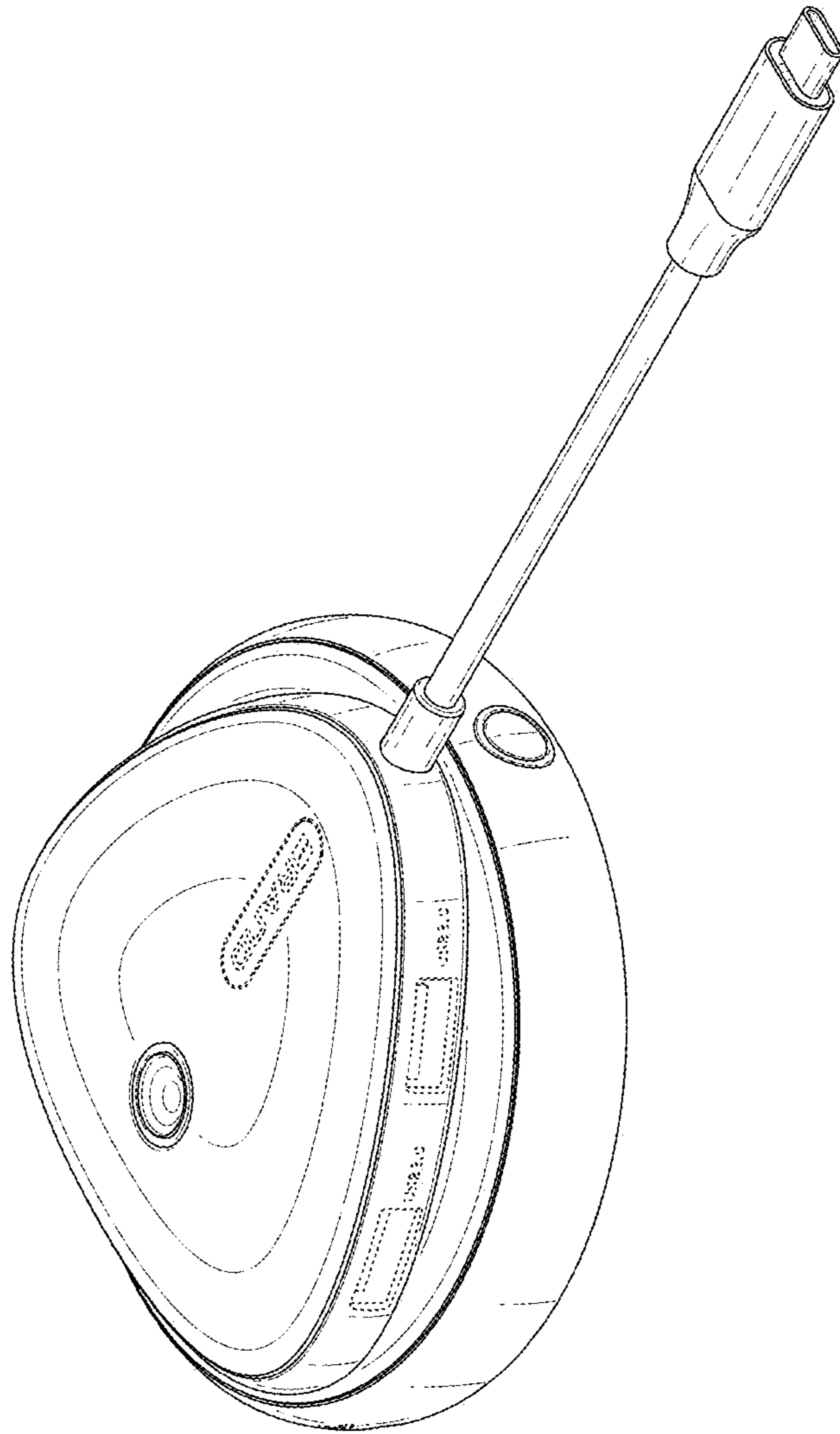


FIG.1

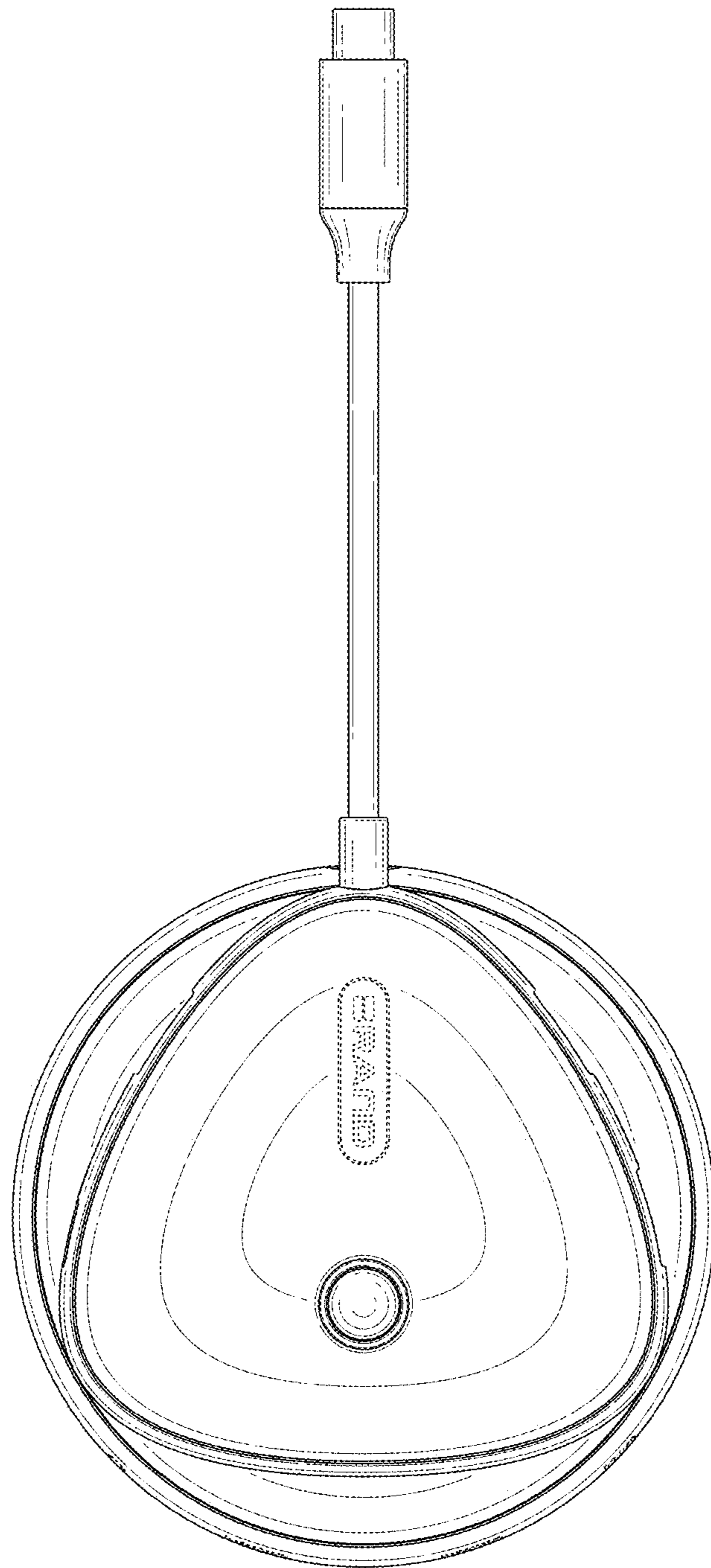


FIG.2

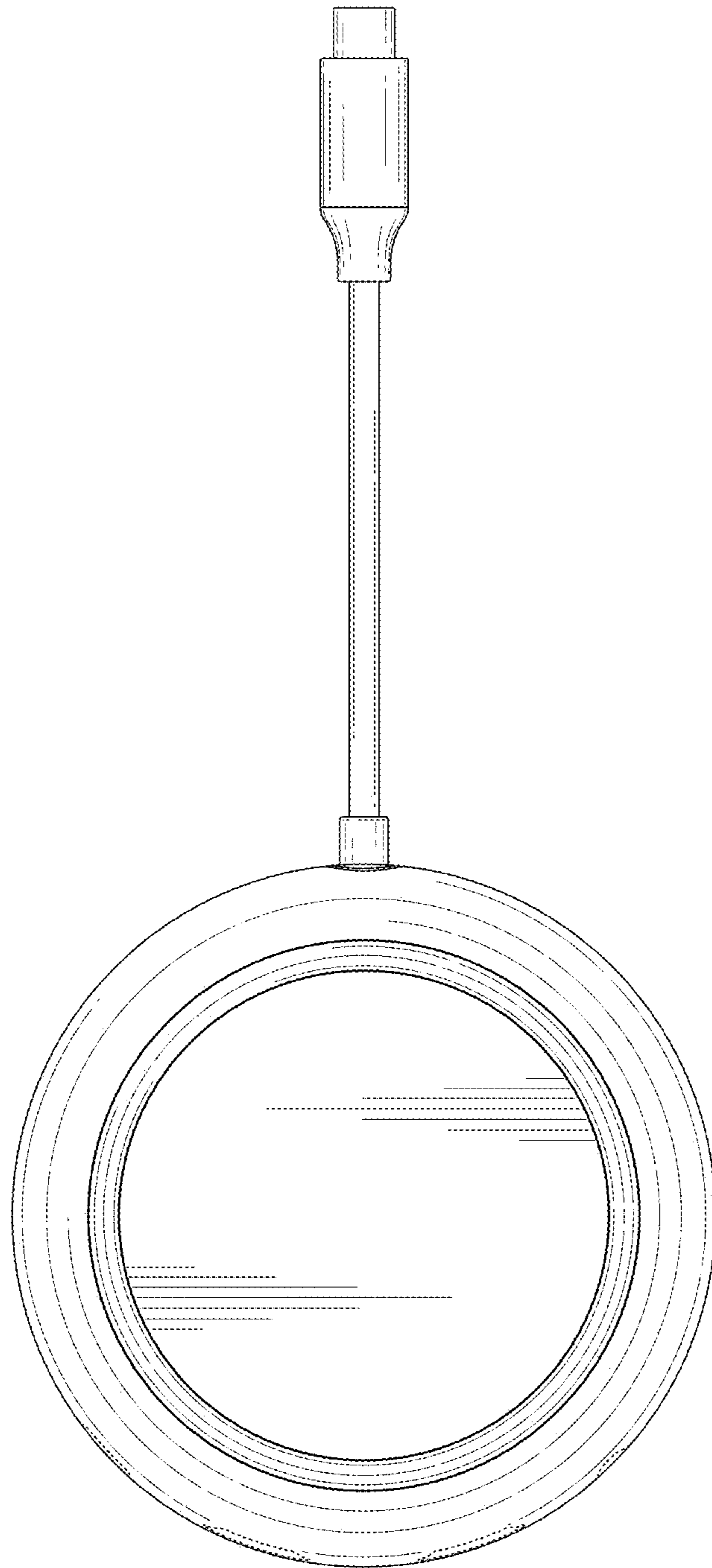


FIG.3

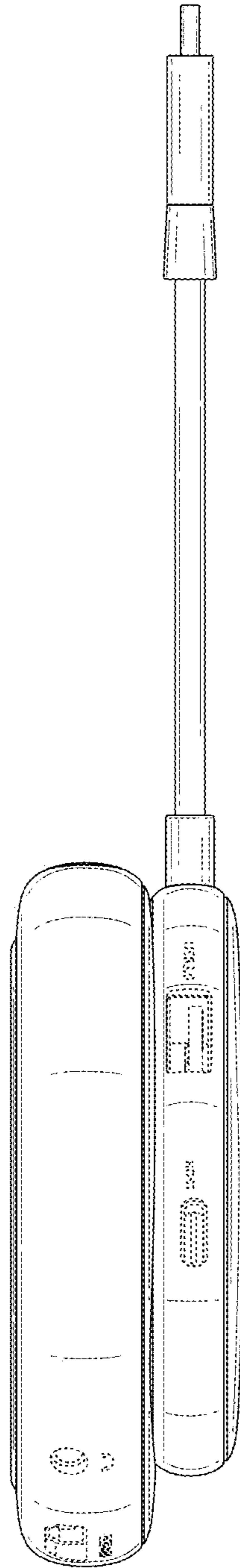


FIG.4

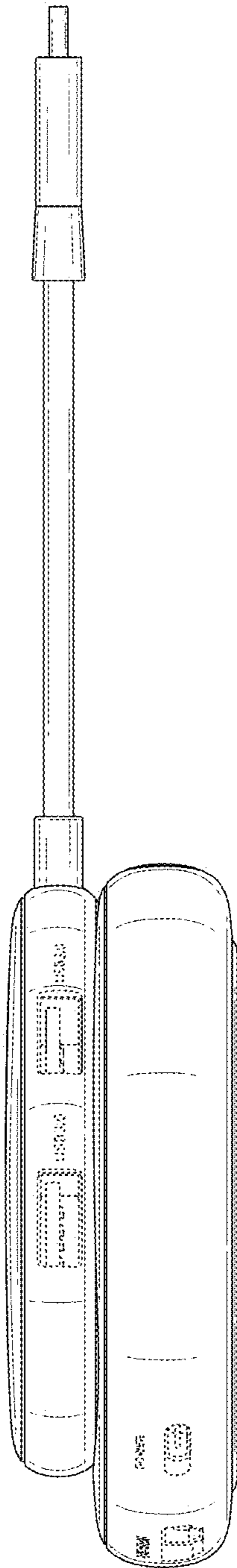


FIG.5

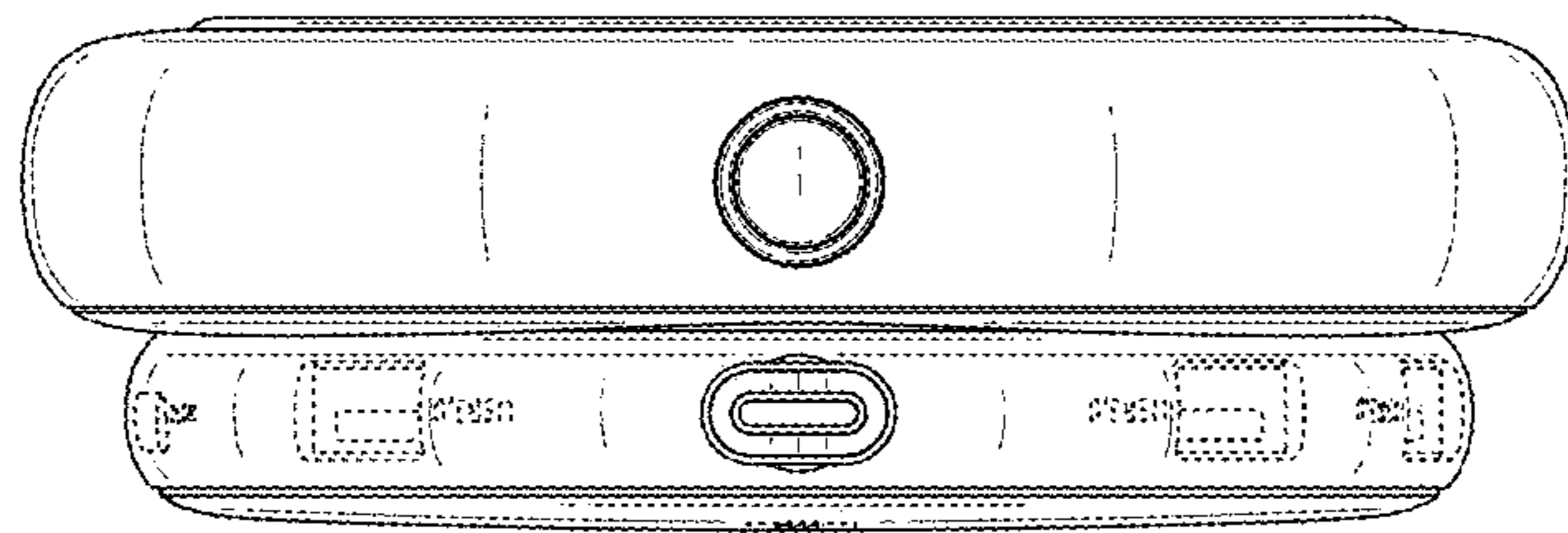


FIG.6

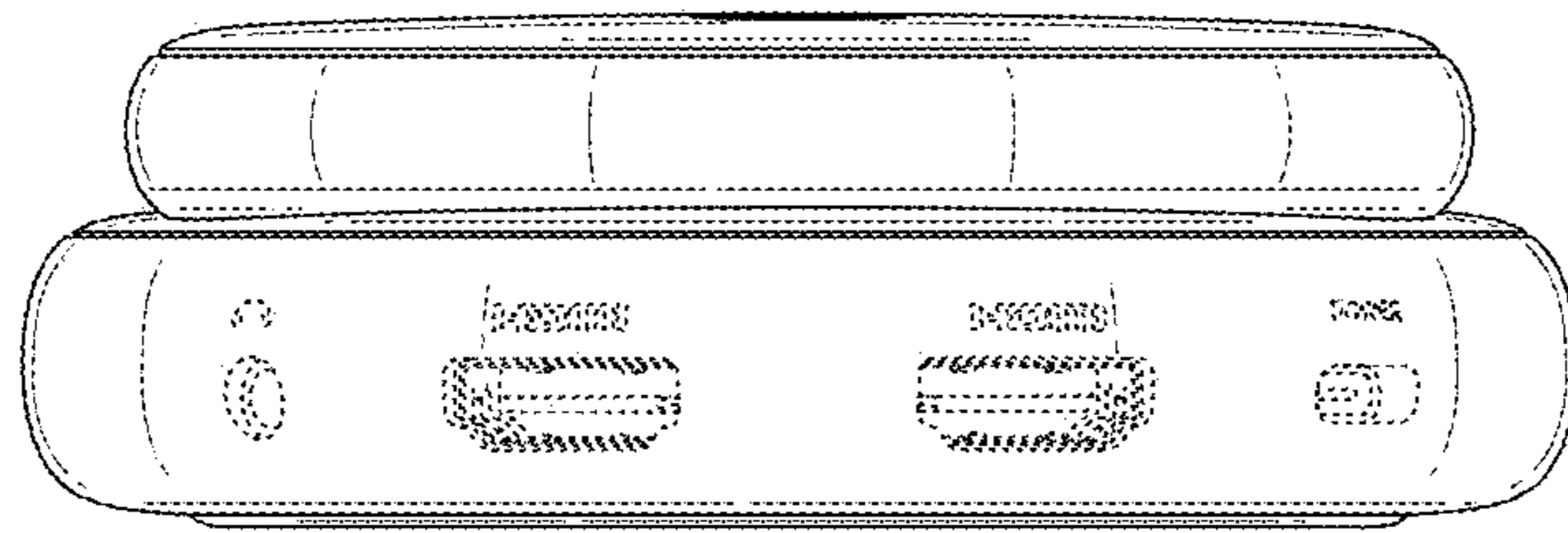


FIG.7

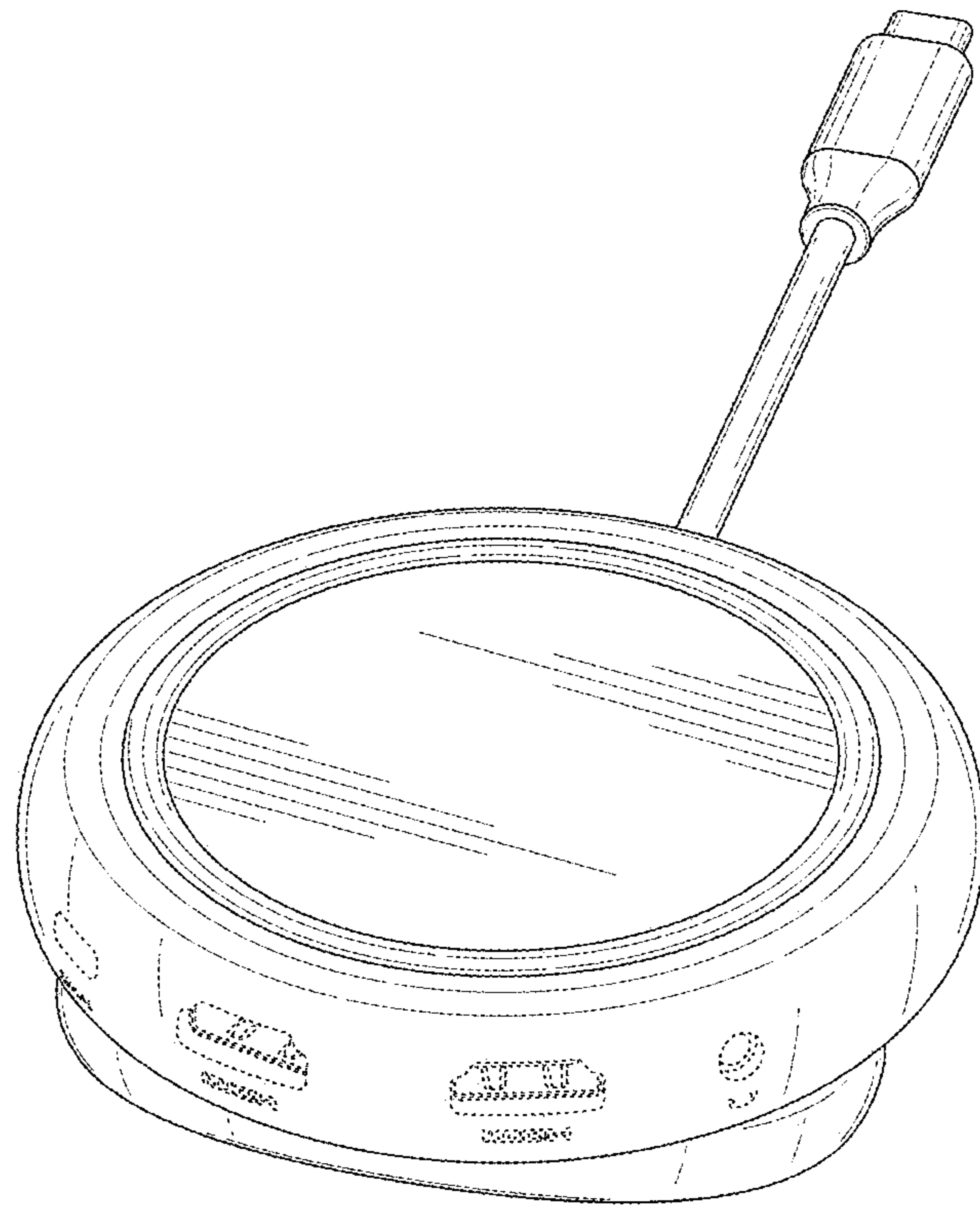


FIG.8