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Wu

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(71)

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LOC (13) Cl.

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U.S. Cl.

USPC D30/160

(58)

Field of Classification Search

USPC D30/160, 199, 121, 122, 129-133, 120; 119/61.5, 51.01, 61.56, 51.03, 59, 62, 63, 119/51.5, 57.8, 74, 61.54, 61.55, 53, 53.5, 119/75, 56.2, 51.02, 51.11, 51.12, 57.1, 119/52.1, 515; 312/204; 248/151, 188; 108/156, 153.1-157; 220/23.87, 630, 220/737, 743, 9.4, 495.01, 574, 212, 255, 220/23.83; 206/515; D7/586, 543, D7/550.1, 587, 505, 584, 545, 500, D7/553.1-553.8, 546, 555, 556, 504, 565, D7/562, 602, 605, 312, 313, 320, 307, D7/306, 309, 354, 311, 399, 397, 323, D7/332, 331, 347, 346, 322, 318, 317, D7/316, 619.1, 358; D9/429; 43/109; D22/122; 99/430, DIG. 15, 280, 285, 99/312; 222/209, 131, 363, 349, 517, 222/153.13, 401, 1, 146.5, 23, 54, 64, 51, 222/156, 399, 400.8; 219/438, 439, 441, 219/385, 386, 402, 407; 210/94, 184, 210/474, 477; D15/199; D12/86; D32/21, 23
CPC A01K 15/025; A01K 15/02; A01K 15/00; A01K 5/02; A01K 5/0225; A01K 5/0114; A01K 5/025; A01K 5/0266; A01K 5/0275; A01K 5/0283; A01K 5/0291; A01K 5/0258; A01K 5/0142; A01K 5/0233; A01K 29/00; A01K 7/00; G01F 11/24; G01F 23/02; B67D 1/0425; B67D

(56)

References Cited

U.S. PATENT DOCUMENTS

D315,624 S * 3/1991 Kimura D32/23
5,484,321 A * 1/1996 Ishimoto B62D 55/202 305/195
(Continued)

OTHER PUBLICATIONS

Kittio RoboMouse <https://kittio.com/products/robo-mouse> Sep. 2019 (Year: 2019).*

(Continued)

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(57)

CLAIM

The ornamental design for a smart cat toy, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a smart cat toy showing my new design;
FIG. 2 is a perspective view thereof from another angle;
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; and,
FIG. 8 is a bottom plan view thereof.
The broken lines illustrate unclaimed features of the smart cat toy that form no part of the claimed design and are included for illustrative purposes only.

1 Claim, 8 Drawing Sheets

(58) **Field of Classification Search**

CPC A47J 41/0094; A47J 31/04; A47J 31/053;
B05B 11/00; B05B 11/0002; B05B
11/0005; B05B 11/001; C02F 1/003;
C02F 1/283; C02F 2307/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D373,665 S * 9/1996 Nakamura D32/21
D394,528 S * 5/1998 Pochopien D32/21
D399,617 S * 10/1998 Fujita D32/21
D417,046 S * 11/1999 Tsuruha D32/21
D417,047 S * 11/1999 Tsuda D32/21
D417,323 S * 11/1999 Fujita D32/21
D430,366 S * 8/2000 Sato D32/21
D430,711 S * 9/2000 Piret D32/21
D432,746 S * 10/2000 Frey D32/24
6,145,160 A * 11/2000 Buss A47L 9/0081
15/327.5
D443,119 S * 5/2001 Sung D32/21
D446,363 S * 8/2001 Sato D32/21
D446,613 S * 8/2001 Hirokawa D32/21
D447,293 S * 8/2001 Griffin D32/23
D455,529 S * 4/2002 Wu D32/21
D459,040 S * 6/2002 Oh D32/21
D461,606 S * 8/2002 Kim D32/21
D474,312 S * 5/2003 Stephens D32/21
D476,783 S * 7/2003 Kondo D32/21
D490,580 S * 5/2004 Choi D32/21
D491,704 S * 6/2004 Shin D32/23
D493,585 S * 7/2004 Choi D32/21
D498,115 S * 11/2004 Shin D7/354
D508,152 S * 8/2005 Konno D32/21
D521,696 S * 5/2006 Choi D32/21
D528,717 S * 9/2006 Schroter D32/21
D530,467 S * 10/2006 Tokunaga D32/21
D530,869 S * 10/2006 Chen D32/21
D533,693 S * 12/2006 Lee D32/21
D550,908 S * 9/2007 Shin D32/21
D550,909 S * 9/2007 Shin D32/21
D551,403 S * 9/2007 Shin D32/21
D552,310 S * 10/2007 Shin D32/21
D553,311 S * 10/2007 Shin D32/21
D553,812 S * 10/2007 Shin D32/21
D554,308 S * 10/2007 Shin D32/21
D555,849 S * 11/2007 Choi D32/21
D555,852 S * 11/2007 Shin D32/21
D556,962 S * 12/2007 Choi D32/21
D557,469 S * 12/2007 Choi D32/21
D557,470 S * 12/2007 Choi D32/21

D565,813 S * 4/2008 Shin D32/21
7,395,782 B1 * 7/2008 Lindsay A01K 5/025
119/51.02
D583,109 S * 12/2008 Lindsay D30/122
D584,462 S * 1/2009 Umeda D32/21
D586,959 S * 2/2009 Geringer D32/21
D590,552 S * 4/2009 Mizuno D32/21
D617,961 S * 6/2010 Umeda D32/21
D617,966 S * 6/2010 Lee D32/31
D655,871 S * 3/2012 Kim D32/21
D690,887 S * 10/2013 Lee D32/21
D711,604 S * 8/2014 Park D32/21
D711,607 S * 8/2014 Yun D32/31
D712,604 S * 9/2014 Jaeho D32/21
D739,537 S * 9/2015 Hacker D24/185
D787,757 S * 5/2017 Comerford
D840,619 S * 2/2019 Kim A47J 37/0713
D15/199
D840,620 S * 2/2019 Kim D15/199
D855,094 S * 7/2019 Li D15/199
D881,483 S * 4/2020 Lin
D881,484 S * 4/2020 Lin D30/160
D888,346 S * 6/2020 Jiang D30/122
D915,007 S * 3/2021 Chen D30/160
D925,136 S * 7/2021 Lin D30/160
D930,058 S * 9/2021 Mahe D15/199
D943,222 S * 2/2022 Xu D30/122
D952,966 S * 5/2022 Wang D30/160
2002/0011813 A1 * 1/2002 Koselka A47L 11/4047
318/445
2007/0125306 A1 * 6/2007 Beecher A01K 5/025
119/61.5
2018/0303062 A1 * 10/2018 Simard B25J 9/1697
2019/0343077 A1 * 11/2019 Boshears A01K 15/025
2021/0251189 A1 * 8/2021 Wong A01K 15/025

OTHER PUBLICATIONS

BiuBiu Automatic Cat Toy https://www.amazon.com/Automatic-Interactive-Cat-Feather-Toy/dp/B09NNSQ3YL/ref=asc_df_B09NNSQ3YL/ Dec. 2021 (Year: 2021).
Rocki Robot <https://www.wired.com/review/rocki-robot/> Jun. 2021 (Year: 2021).
Pumpkii Robot <https://newatlas.com/pets/pumpkii-modular-pet-robot/> Aug. 2020 (Year: 2020).
Interactive Cat Toy Carpet Robot https://www.alibaba.com/product-detail/Chew-Bone-Cat-Stand-Fish-Robot_1600126002571.html (Year: 2022).
Dogness IPet Robot <https://www.petco.com/shop/en/petcostore/product/dogness-smart-ipet-white-robot-3093572> (Year: 2021).

* cited by examiner

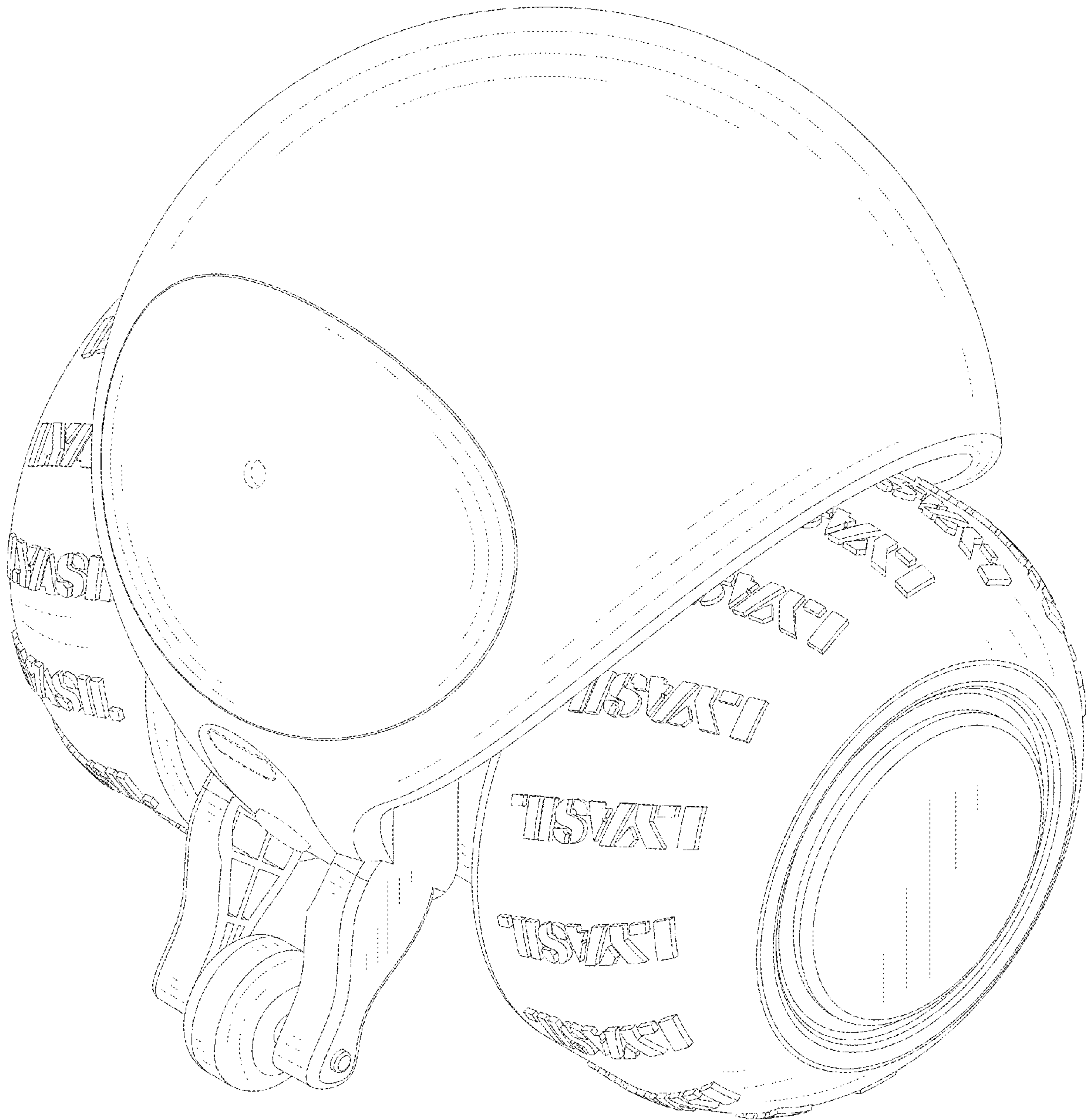


FIG.1

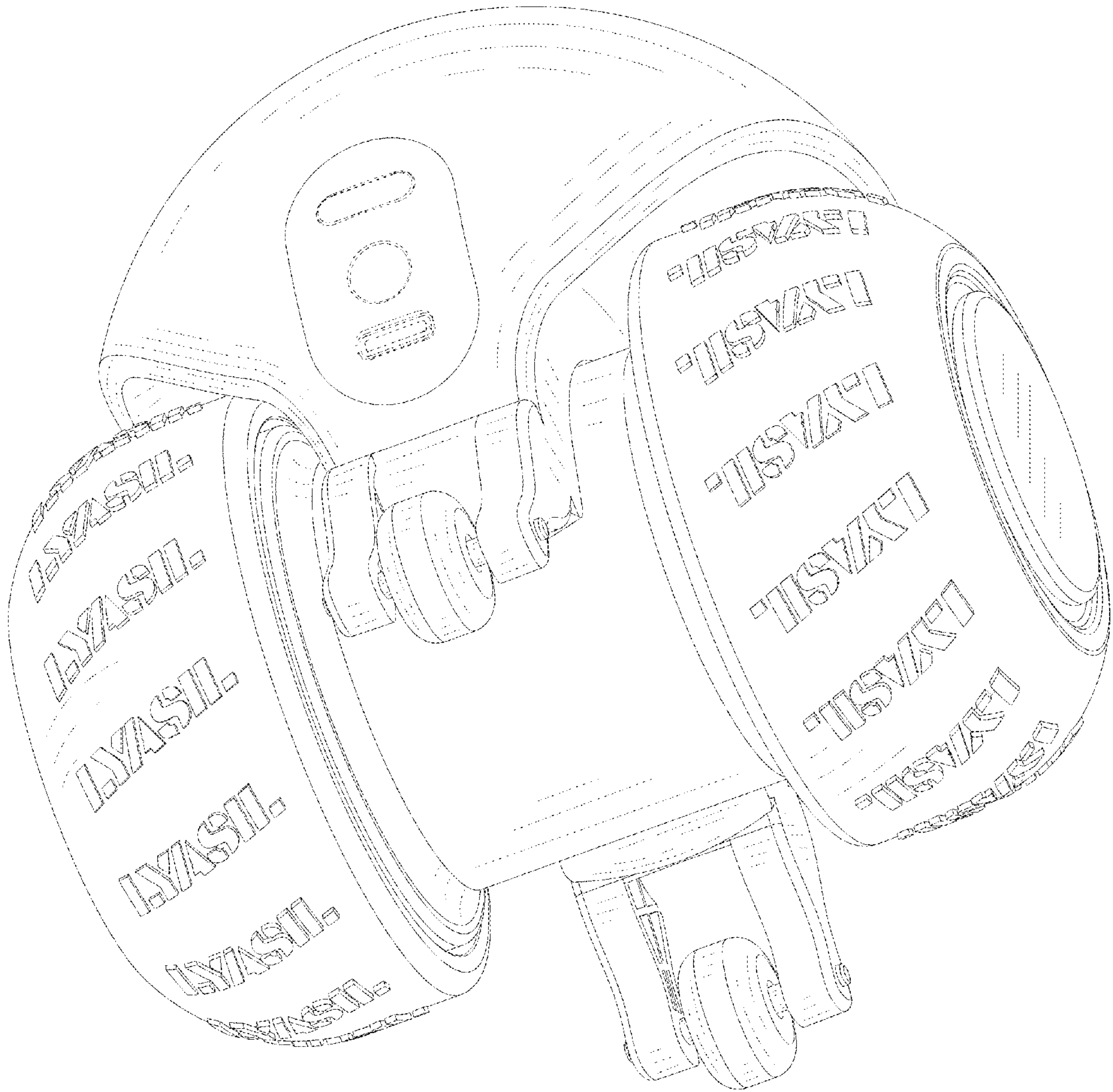


FIG.2

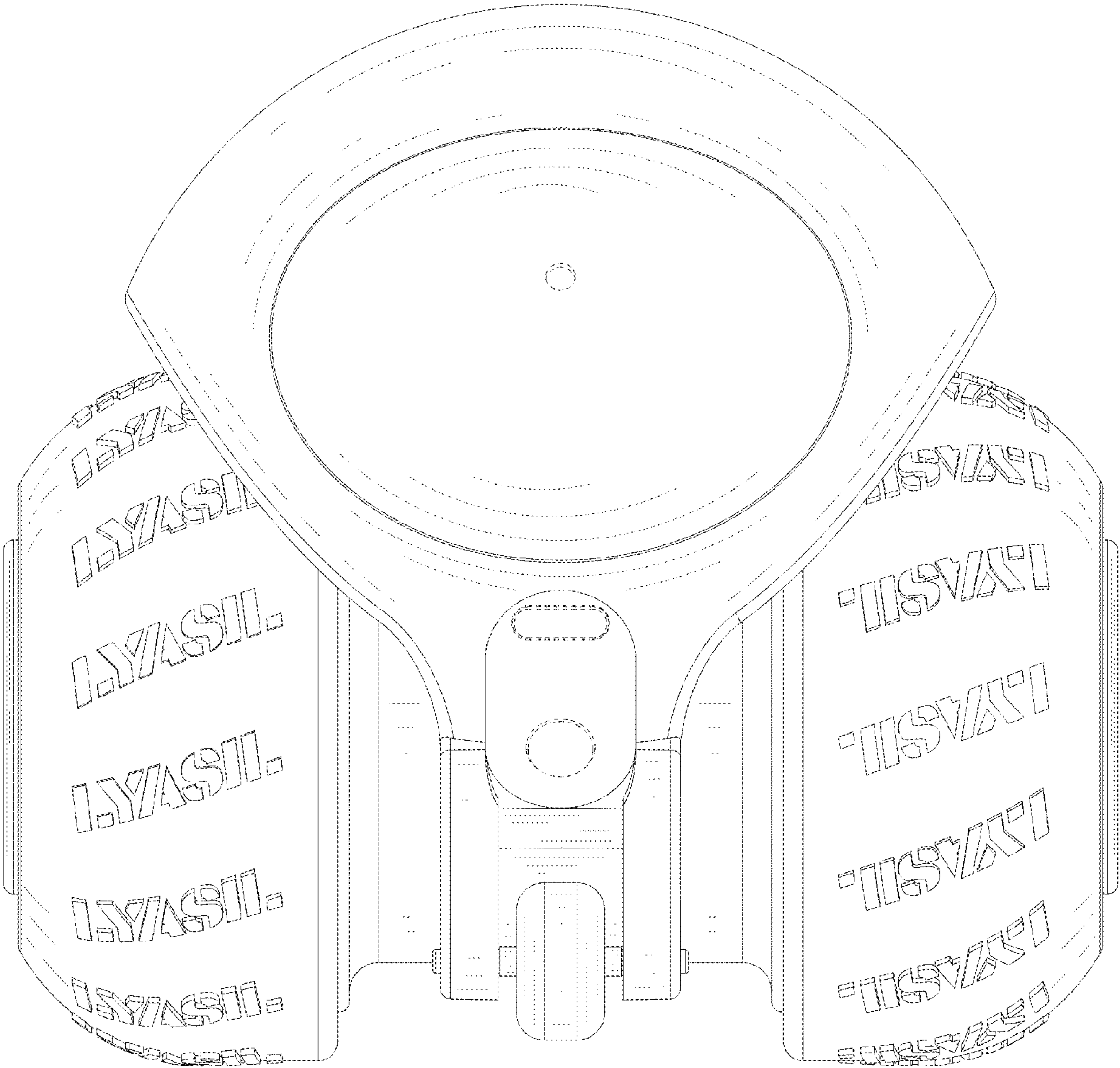


FIG.3

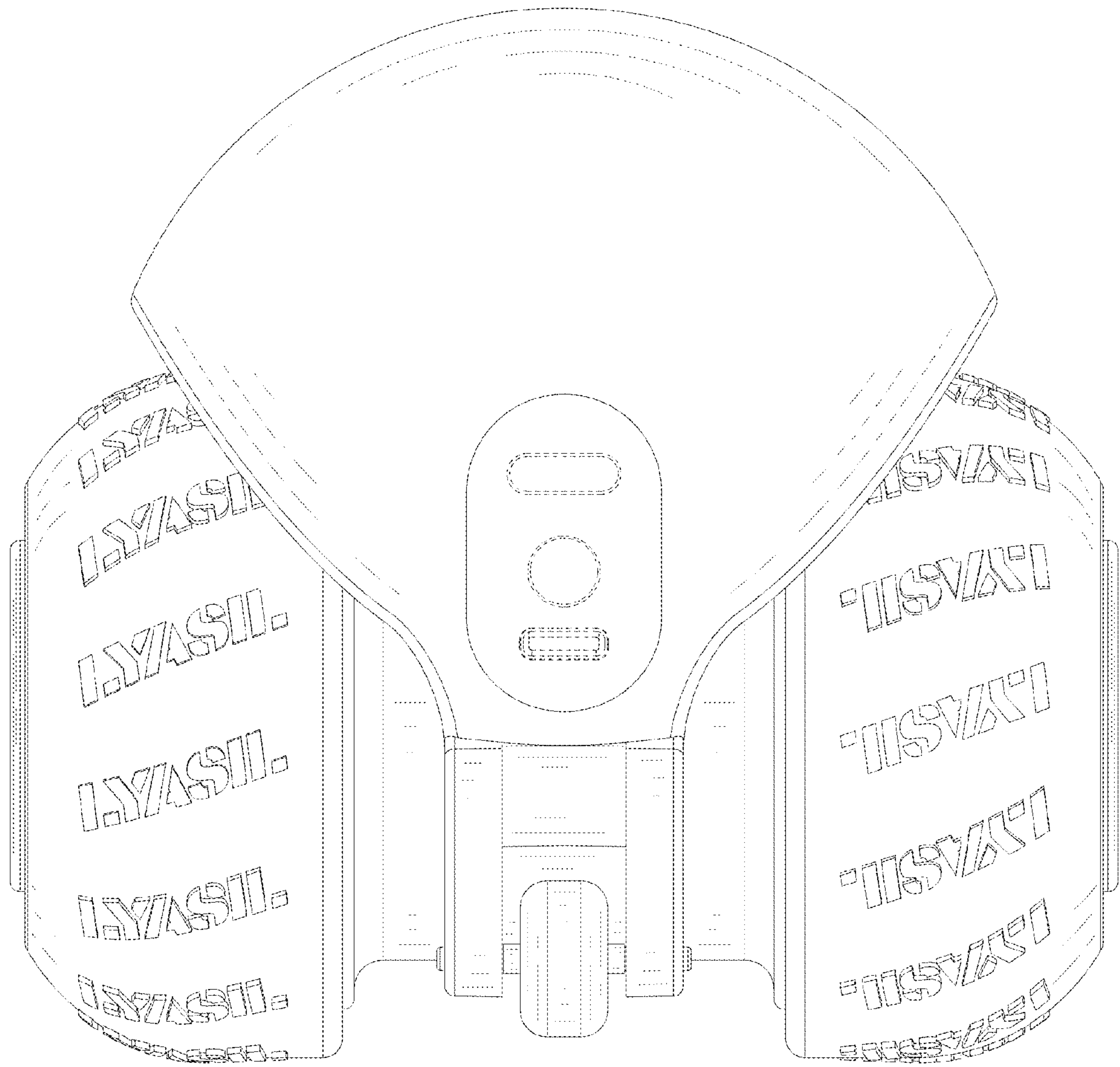


FIG. 4

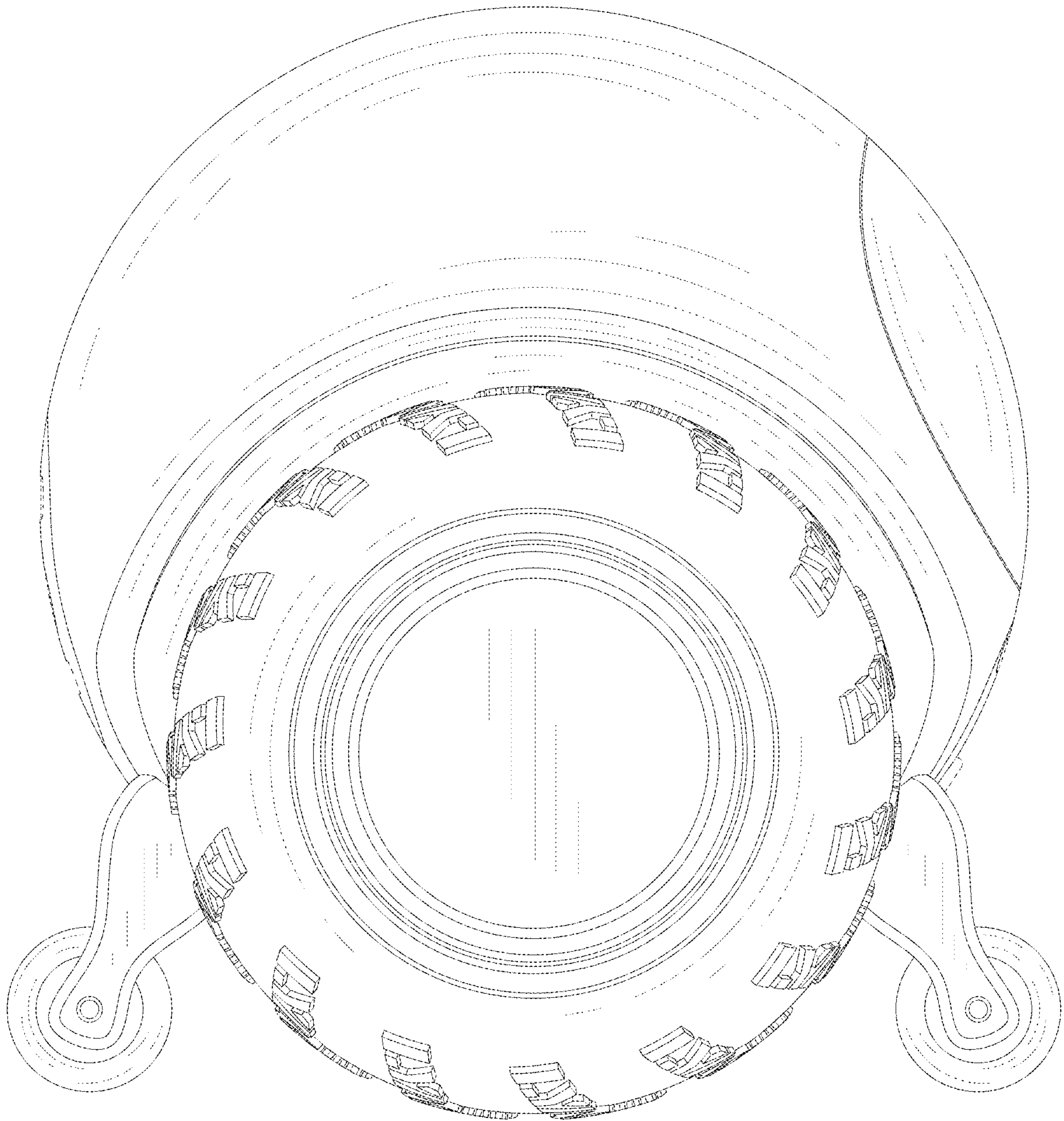


FIG. 5

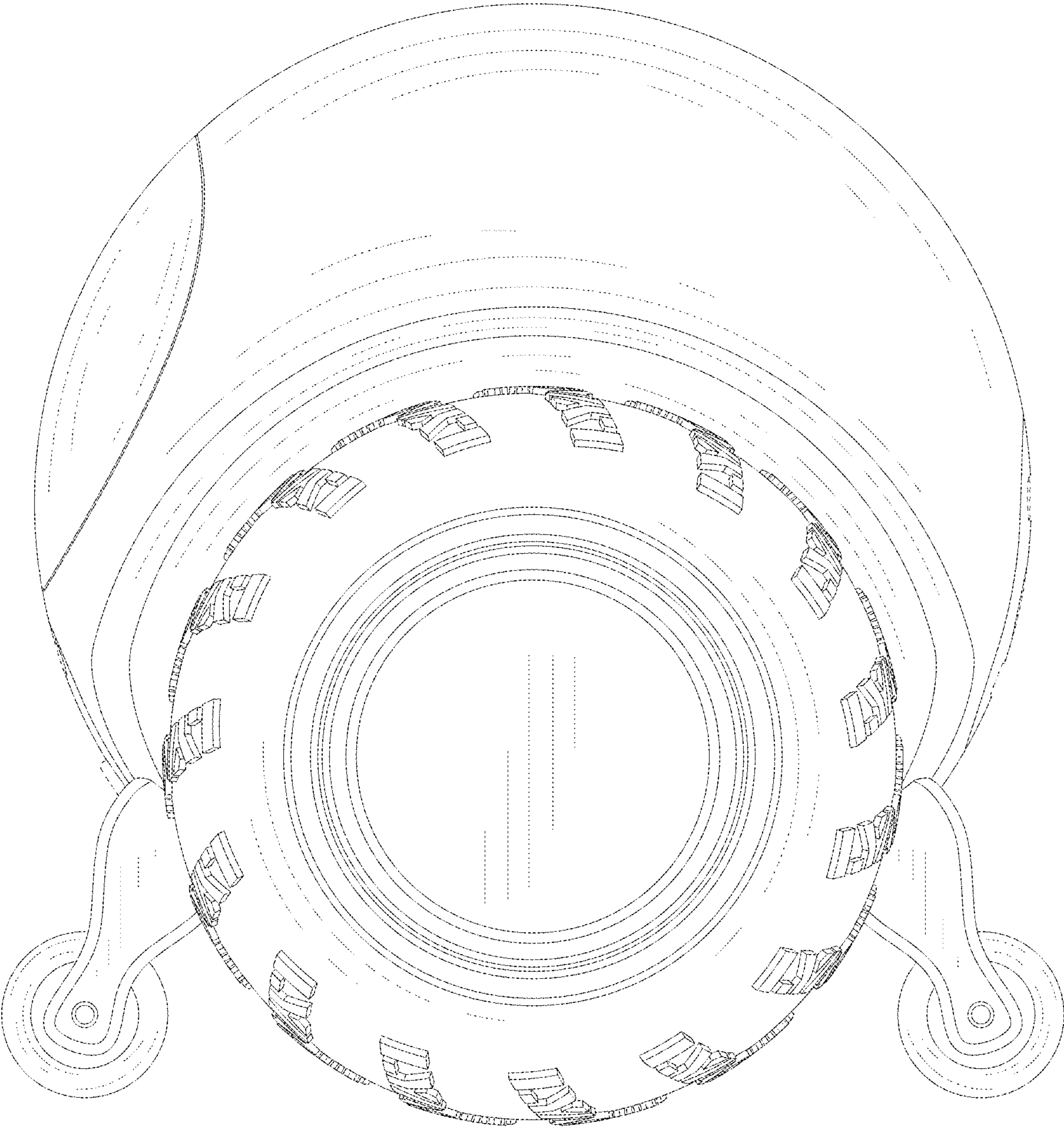


FIG. 6

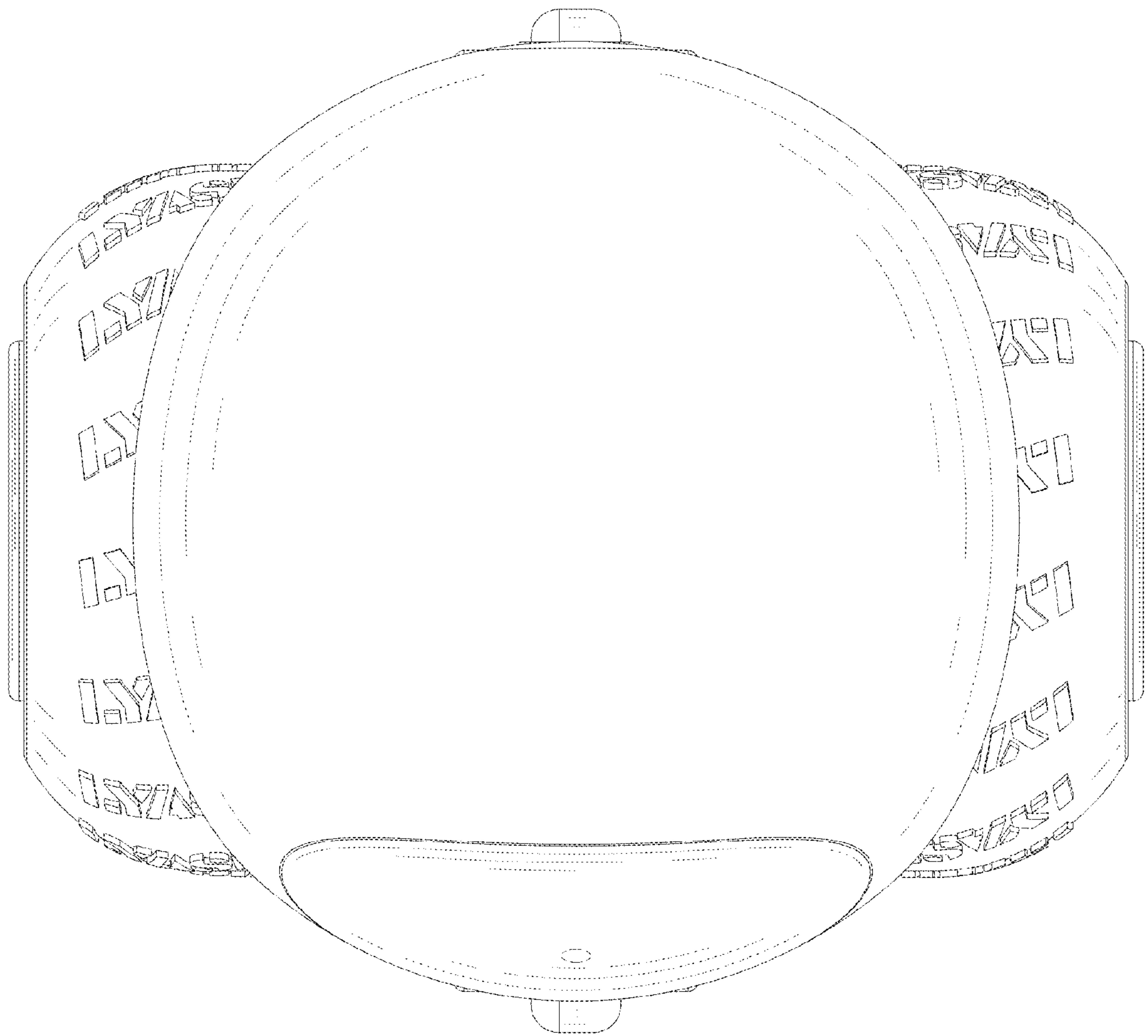


FIG. 7

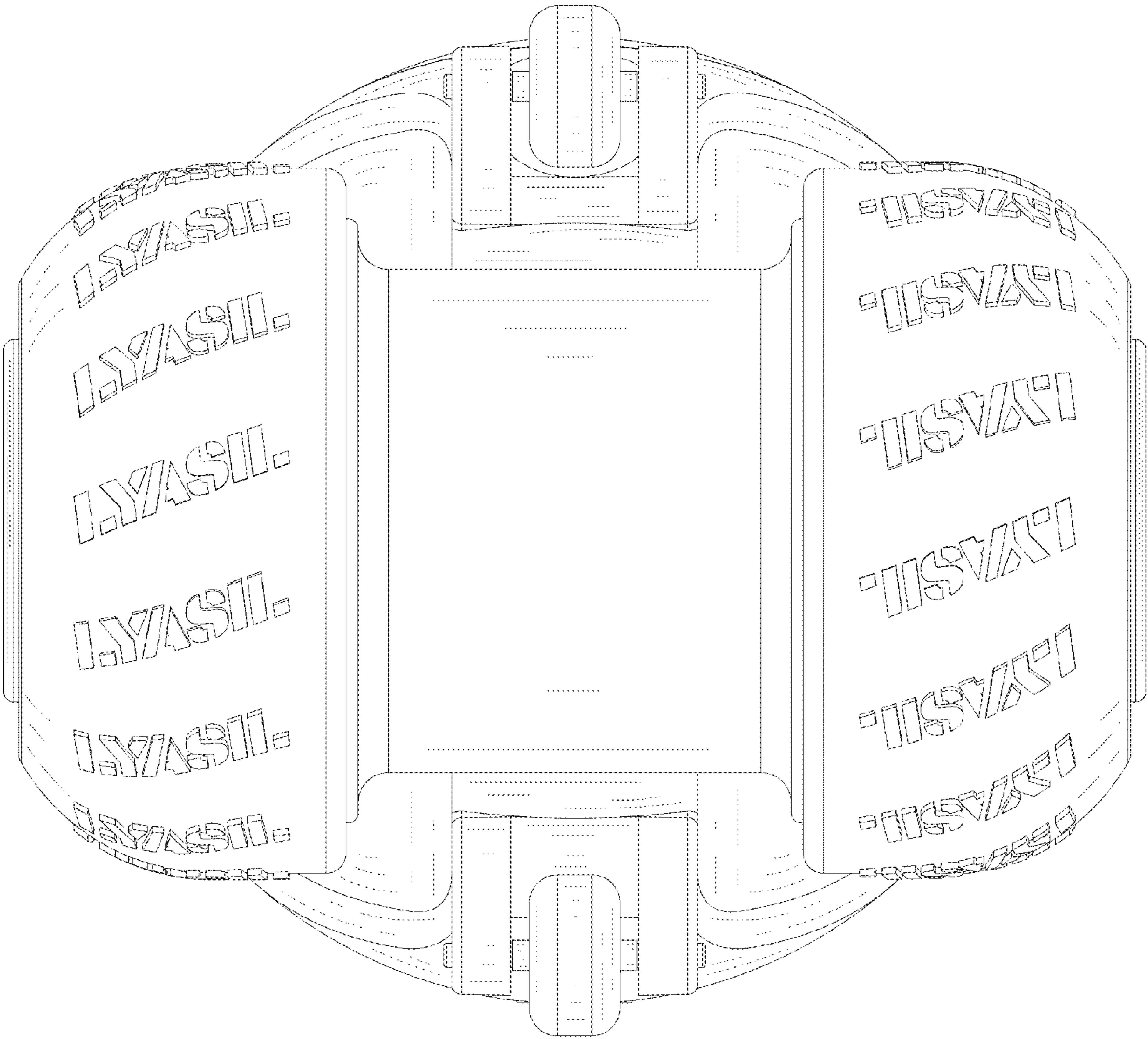


FIG. 8