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(12) **United States Design Patent**
Deng

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(54) **COOKING DEVICE**

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418,721 A 1/1890 Hoogerzeil
436,788 A 9/1890 Jewett
456,000 A 7/1891 Graves
467,292 A 1/1892 Hoogerzeil
(Continued)

FOREIGN PATENT DOCUMENTS

AU 511593 B2 8/1980
AU 2014208185 B2 8/2015
(Continued)

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

OTHER PUBLICATIONS

Ninja Outdoor Oven Review, published Aug. 15, 2023, Wired, [online], [site visited Mar. 3, 2025], Available from internet URL: <https://www.wired.com/review/ninja-outdoor-woodfire-oven/> (Year: 2023).*

(Continued)

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(51) **LOC (15) Cl.** **07-02**

(52) **U.S. Cl.**
USPC **D7/350.1**

(58) **Field of Classification Search**
USPC D7/323, 332, 334, 337, 339, 347, 348,
D7/350.1, 350.3, 350.4, 354, 402;
D21/523, 524, 525
CPC A47J 37/00; A47J 37/01; A47J 37/015;
A47J 37/06; A47J 37/0623; A47J
37/0629; A47J 37/0635; A47J 37/0641;
A47J 37/0647; A47J 37/0652; A47J
37/0658; A47J 37/067; A47J 37/0676;
A47J 37/0682; A47J 37/0763; A47J
2037/0777; A21B 1/00; A21B 1/24; A21B
1/26; A21B 1/52; H05B 1/0258; H05B
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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a cooking device, as shown and described.

DESCRIPTION

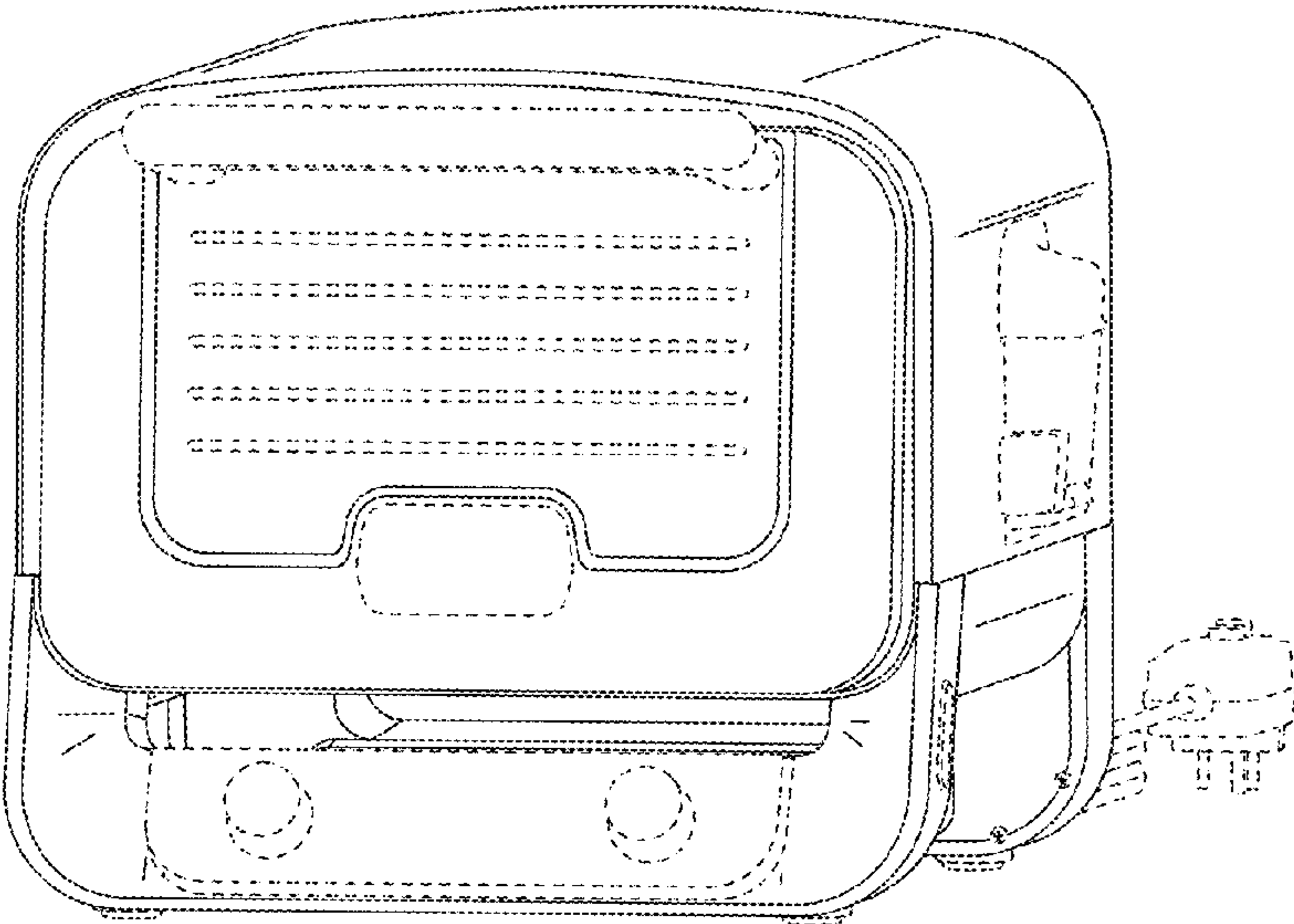
FIG. 1 is a front perspective view of my cooking device;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a rear perspective view thereof.
The broken lines shown in the figures show features of the cooking device that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

195,383 A	9/1877	Montross
213,694 A	3/1879	Sandner, Jr.
231,911 A	9/1880	Holliday
325,645 A	9/1885	Armington
371,892 A	10/1887	Kahn
416,160 A	12/1889	Galbraith



(56)

References Cited

U.S. PATENT DOCUMENTS

519,606 A	5/1894	Kaempfen, Jr.	8,327,837 B2	12/2012	Nam et al.
688,639 A	12/1901	Harton	D678,005 S	3/2013	Zemel et al.
969,340 A	9/1910	Clark	8,439,028 B2	5/2013	Haberkamm et al.
1,262,659 A	4/1918	Foster	8,481,894 B2	7/2013	Robin et al.
1,429,870 A	9/1922	Gussa	8,490,801 B2	7/2013	Smith et al.
1,507,778 A	9/1924	Keavey et al.	8,573,720 B2	11/2013	Wittgrebe
1,582,543 A	4/1926	Rowden	8,578,927 B2	11/2013	Gustavsen
1,627,405 A	5/1927	Prenveille et al.	8,602,019 B2	12/2013	Baker et al.
1,628,895 A	5/1927	Mckenna	8,646,444 B2	2/2014	Williams et al.
1,632,719 A	6/1927	White	8,669,500 B2	3/2014	Hensel et al.
1,776,475 A	9/1930	Moss	8,733,862 B1	5/2014	Armstrong et al.
1,785,514 A	12/1930	Chandler et al.	8,820,314 B1	9/2014	Johnson et al.
1,793,955 A	2/1931	Otte	8,820,689 B2	9/2014	Reidt et al.
1,831,652 A	11/1931	Chandler et al.	8,899,426 B2	12/2014	Dunn
1,851,854 A	3/1932	Lindemann et al.	8,919,338 B2	12/2014	Mcnamee et al.
1,894,268 A	1/1933	Forsyth et al.	8,919,339 B2	12/2014	Mazzetti et al.
1,938,470 A	12/1933	Jacob et al.	8,931,400 B1	1/2015	Allen
1,958,348 A	5/1934	Odis	9,022,018 B2	5/2015	Hensel
1,970,343 A	8/1934	Sherman	9,052,118 B2	6/2015	Metcalf et al.
2,132,737 A	10/1938	Kahn	9,078,517 B2	7/2015	Rehage
2,155,654 A	4/1939	Haley	9,175,860 B2	11/2015	Padilha et al.
2,255,129 A	9/1941	Rogers	9,468,336 B2	10/2016	Mcquillan
2,296,950 A	9/1942	Roedl	D770,841 S *	11/2016	Affatato D7/350.1
2,352,613 A	7/1944	Bradbury	9,480,364 B2	11/2016	Mckee et al.
2,447,184 A	8/1948	Jones	9,541,295 B2	1/2017	Adelmann et al.
2,486,564 A	11/1949	Kamin	9,587,838 B2	3/2017	Stewart et al.
2,657,110 A	10/1953	Feder	9,631,820 B2	4/2017	Hensel
2,682,263 A	6/1954	Brodbeck	9,668,615 B2	6/2017	Contarino, Jr.
2,744,994 A	5/1956	Harry et al.	9,681,775 B2	6/2017	Contarino, Jr.
3,016,276 A	1/1962	Morse	9,844,297 B2	12/2017	Volatier et al.
3,106,202 A	10/1963	Arduna	9,863,645 B2	1/2018	Adelmann et al.
3,146,338 A	8/1964	Jerome	9,874,353 B2	1/2018	Thabit
3,781,525 A	12/1973	Joeckel	9,907,435 B2	3/2018	Kohler et al.
3,830,220 A	8/1974	Demetreon	9,939,160 B2	4/2018	Kim et al.
4,149,518 A	4/1979	Schmidt et al.	9,964,312 B2	5/2018	Deng et al.
4,637,373 A	1/1987	Shirai et al.	10,247,424 B2	4/2019	Adelmann et al.
4,649,810 A	3/1987	Wong	10,260,757 B2	4/2019	Stewart et al.
4,683,871 A	8/1987	Salvi	10,271,686 B2	4/2019	Roy
4,829,158 A	5/1989	Burnham	10,352,073 B2	7/2019	Lee et al.
4,865,219 A	9/1989	Logan et al.	10,383,477 B2	8/2019	Payen et al.
4,892,085 A	1/1990	Salvi	10,429,077 B2	10/2019	Kaiser et al.
D337,032 S	7/1993	Galati	10,520,202 B2	12/2019	Delrue et al.
5,338,922 A	8/1994	Kim et al.	10,524,616 B2	1/2020	Contarino, Jr.
5,355,779 A	10/1994	O'Brien et al.	10,548,396 B1	2/2020	Hong
5,365,918 A	11/1994	Smith et al.	10,551,071 B2	2/2020	Bianchi et al.
5,534,679 A	7/1996	Beaver et al.	10,551,893 B2	2/2020	Knappenberger et al.
RE36,464 E	12/1999	O'Brien et al.	10,575,680 B2	3/2020	Fagg et al.
6,140,621 A	10/2000	Ho et al.	10,591,168 B2	3/2020	Yang et al.
6,437,291 B1	8/2002	Hopponen	10,634,362 B2	4/2020	Trice et al.
6,444,954 B1	9/2002	Blankenship	10,641,500 B2	5/2020	Yun
6,509,550 B1	1/2003	Li	10,655,864 B2	5/2020	Howard et al.
6,621,053 B1	9/2003	Wensink et al.	10,682,010 B2	6/2020	Hoare et al.
6,930,286 B2	8/2005	Kim	10,712,018 B2	7/2020	Adelmann et al.
7,087,862 B1	8/2006	Shaffer et al.	10,718,671 B2	7/2020	Allen
7,105,778 B1	9/2006	DeLong et al.	D892,532 S	8/2020	Gushwa et al.
D533,390 S *	12/2006	Ball D7/350.1	10,765,119 B2	9/2020	Johnson et al.
7,173,217 B2	2/2007	De Longhi	10,791,872 B2	10/2020	Nernberger et al.
7,213,592 B2	5/2007	Fischhaber et al.	10,808,944 B2	10/2020	Bianchi et al.
7,225,730 B2	6/2007	Backus et al.	10,837,652 B2	11/2020	Balekundri et al.
7,282,672 B2	10/2007	Wurm	10,842,315 B1	11/2020	Swinney
D563,179 S	3/2008	Minidis	10,845,062 B2	11/2020	Harward et al.
D564,283 S	3/2008	Leung et al.	10,905,281 B2	2/2021	Delrue et al.
D564,284 S *	3/2008	Leung D7/350.1	10,941,945 B2	3/2021	Tapaninaho
7,424,849 B2	9/2008	Backus et al.	11,026,542 B2	6/2021	Pruitt et al.
7,448,508 B2	11/2008	Babucke et al.	11,035,576 B2	6/2021	Johnson et al.
D585,235 S	1/2009	Tetreault et al.	11,045,047 B2	6/2021	Popeil et al.
7,626,142 B2	12/2009	Backus et al.	11,071,403 B2	7/2021	Staton et al.
7,686,010 B2	3/2010	Gustavsen	D928,549 S	8/2021	Yamamoto
D634,966 S *	3/2011	De' Longhi D7/350.1	11,076,717 B2	8/2021	Glucksman
8,020,548 B2	9/2011	Bartmann et al.	11,105,515 B2	8/2021	Lee et al.
8,047,198 B2	11/2011	Meyer et al.	11,129,244 B2	9/2021	Hoare et al.
8,047,199 B2	11/2011	Le et al.	11,172,780 B2	11/2021	Home
8,201,552 B2	6/2012	Ploof et al.	11,190,015 B2	11/2021	Marsh-Croft et al.
8,267,257 B2	9/2012	Doyal	11,197,579 B2	12/2021	Volatier
8,308,250 B2	11/2012	Koehler	11,199,331 B2	12/2021	Mills et al.
			11,213,165 B2	1/2022	Kammerer
			11,286,698 B2	3/2022	Braden et al.
			11,304,421 B2	4/2022	Handwerker
			11,311,143 B2	4/2022	Peter

(56)

References Cited

U.S. PATENT DOCUMENTS

11,399,658 B2 8/2022 Tapaninaho
 11,452,404 B2 9/2022 Anderson
 11,454,401 B2 9/2022 Kwag et al.
 11,454,677 B2 9/2022 Knappenberger et al.
 11,464,360 B2 10/2022 Goldberg
 11,519,609 B2 12/2022 Kim et al.
 11,523,616 B2 12/2022 Meccaci
 11,536,461 B2 12/2022 Kim et al.
 D980,001 S * 3/2023 Miller D7/328
 D981,781 S * 3/2023 Huang D7/350.1
 11,598,532 B2 3/2023 Reid et al.
 D993,705 S * 8/2023 Matsumoto D7/328
 D996,123 S * 8/2023 Liang D7/348
 D1,059,935 S * 2/2025 Wang D7/332
 2005/0217658 A1 10/2005 Sozo et al.
 2007/0277678 A1 12/2007 Mangano
 2013/0167829 A1 7/2013 Lin
 2013/0167830 A1 7/2013 Lin
 2013/0233182 A1 9/2013 Hunt et al.
 2014/0035452 A1 2/2014 Nickelson et al.
 2014/0196609 A1 7/2014 Snyman
 2016/0003294 A1 1/2016 Lindinger
 2017/0238751 A1 8/2017 Vengroff
 2017/0303685 A1 10/2017 Rehage et al.
 2018/0333004 A1 11/2018 De' Longhi et al.
 2019/0056117 A1 2/2019 Rehage et al.
 2019/0059646 A1 2/2019 Uno et al.
 2019/0107291 A1 4/2019 Cetintas
 2019/0186756 A1 6/2019 Tiefnig et al.
 2019/0290062 A1 9/2019 Prieto et al.
 2019/0316781 A1 10/2019 Kim et al.
 2020/0224883 A1 7/2020 Kim et al.
 2020/0229276 A1 7/2020 Kim et al.
 2020/0284438 A1 9/2020 Gigante et al.
 2020/0345176 A1 11/2020 Bert
 2020/0405085 A1 12/2020 Dos Santos et al.
 2020/0405086 A1 12/2020 Dos Santos et al.
 2021/0116134 A1 4/2021 Hu et al.
 2021/0153508 A1 5/2021 Gozney
 2021/0161151 A1 6/2021 Thorogood et al.
 2021/0204371 A1 7/2021 Asami
 2021/0222888 A1 7/2021 Ceron et al.
 2021/0259467 A1 8/2021 Pruitt et al.
 2021/0274968 A1 9/2021 Steiner et al.
 2021/0293416 A1 9/2021 Homburg et al.
 2021/0369051 A1 12/2021 Thorogood et al.
 2021/0381695 A1 12/2021 Rehage et al.
 2021/0388992 A1 12/2021 Thorogood et al.
 2021/0388993 A1 12/2021 Ceron et al.
 2021/0392904 A1 12/2021 Raio et al.
 2022/0007689 A1 1/2022 Baldwin
 2022/0015575 A1 1/2022 Harper
 2022/0087473 A1 3/2022 Kim et al.
 2022/0090794 A1 3/2022 Yun et al.
 2022/0095834 A1 3/2022 Thorogood et al.
 2022/0160172 A1 5/2022 Kwag et al.
 2022/0167789 A1 6/2022 Kim et al.
 2022/0192421 A1 6/2022 Bert
 2022/0322874 A1 10/2022 Marsh-Croft et al.
 2022/0322877 A1 10/2022 Greer et al.
 2023/0000284 A1 1/2023 Smith et al.
 2023/0038171 A1 2/2023 Stidston et al.

FOREIGN PATENT DOCUMENTS

AU 2020202899 A1 11/2020
 CA 1089906 A 11/1980
 CA 2095790 C 2/1997
 CA 2552839 C 6/2010
 CA 2867330 A1 10/2013
 CA 2922423 A1 10/2015
 CN 102362123 A 2/2012
 CN 101953645 B 1/2016
 CN 104172955 B 1/2017
 CN 206053603 U 3/2017

CN 106821025 A 6/2017
 CN 106821031 A 6/2017
 CN 104153157 B 8/2017
 CN 107374390 A 11/2017
 CN 107647794 A 2/2018
 CN 107684357 A 2/2018
 CN 107692865 A 2/2018
 CN 107788860 A 3/2018
 CN 207355968 U 5/2018
 CN 108309073 A 7/2018
 CN 109691902 A 4/2019
 CN 208973522 U 6/2019
 CN 107514662 B 9/2019
 CN 110412917 A 11/2019
 CN 110513004 A 11/2019
 CN 110693348 A 1/2020
 CN 110811351 A 2/2020
 CN 110840284 A 2/2020
 CN 110953616 A 4/2020
 CN 110973995 A 4/2020
 CN 111012199 A 4/2020
 CN 210471883 U 5/2020
 CN 108552970 B 7/2020
 CN 110123157 B 8/2020
 CN 112244658 A 1/2021
 CN 112690666 A 4/2021
 CN 110403452 B 5/2021
 CN 110664268 B 5/2021
 CN 110805936 B 5/2021
 CN 112806866 A 5/2021
 CN 112971546 A 6/2021
 CN 112971550 A 6/2021
 CN 113143047 A 7/2021
 CN 112263140 B 10/2021
 CN 113944942 A 1/2022
 CN 111010856 B 3/2022
 DE 2850366 A1 5/1980
 DE 102010008420 A1 8/2011
 EM 015026904-0001 * 7/2023
 EP 0147815 A2 7/1985
 EP 0151192 A1 8/1985
 EP 0443329 A2 8/1991
 EP 1400195 B1 2/2005
 EP 1553350 A1 7/2005
 EP 1403587 B1 5/2006
 EP 1466546 B1 11/2006
 EP 1580145 B1 4/2007
 EP 1419722 B1 9/2007
 EP 1800579 B1 12/2008
 EP 1865264 B1 5/2009
 EP 1795096 B1 6/2009
 EP 1776914 B1 9/2009
 EP 2042811 B1 3/2011
 EP 2096359 B1 5/2011
 EP 2204115 B1 8/2011
 EP 2093497 B1 5/2013
 EP 2703736 B1 10/2015
 EP 2093493 B1 2/2016
 EP 2093495 B1 2/2016
 EP 2538144 B1 8/2016
 EP 1840473 B1 11/2016
 EP 2615380 B1 3/2017
 EP 2843316 B1 6/2017
 EP 2950002 B1 7/2017
 EP 1918644 B1 10/2017
 EP 2757322 B1 12/2017
 EP 2292980 B1 3/2018
 EP 2339240 B1 8/2018
 EP 2739191 B1 9/2018
 EP 3031328 B1 10/2018
 EP 3399836 A1 11/2018
 EP 1553347 B1 1/2019
 EP 2913593 B1 1/2019
 EP 3378028 A4 4/2019
 EP 2730848 B1 6/2019
 EP 3287050 B1 6/2019
 EP 2436990 B1 7/2019
 EP 3196856 B1 8/2019
 EP 2597378 B1 1/2020

(56)

References Cited

FOREIGN PATENT DOCUMENTS

EP	3217760	B1	6/2020
EP	3712508	A1	9/2020
EP	3427616	B1	1/2021
EP	3771867	A1	2/2021
EP	3838067	A1	6/2021
EP	3875858	A1	9/2021
EP	3944794	A1	2/2022
EP	3967934	A1	3/2022
EP	3450855	B1	6/2022
EP	3949815	B1	12/2022
EP	3326141	B1	4/2023
FR	2810067	B3	4/2002
FR	2893832	B1	2/2012
FR	3079600	B1	9/2020
FR	3117325	A1	6/2022
GB	2592224	A	8/2021
GB	2592290	A	8/2021
GB	2593439	A	9/2021
GB	2593440	A	9/2021
GB	2602928	B	11/2022
GB	6294108	*	7/2023
JP	2008513724	A	5/2008
JP	2019098149	A	6/2019
WO	2007077163	A1	7/2007
WO	2009107016	A1	9/2009

WO	2011120698	A1	10/2011
WO	2012117274	A1	9/2012
WO	2014082828	A1	6/2014
WO	2017013331	A1	1/2017
WO	2017085393	A1	5/2017
WO	2018024558	A1	2/2018
WO	2020043427	A1	3/2020
WO	2020135986	A1	7/2020
WO	2020256192	A1	12/2020
WO	2021165198	A1	8/2021
WO	2021165200	A1	8/2021
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WO	2022106474	A1	5/2022
WO	2022216347	A1	10/2022
WO	2023272336	A1	1/2023
WO	2023004464	A1	2/2023

OTHER PUBLICATIONS

Ninja Woodfire Outdoor Pizza Oven, first available Jun. 26, 2023, Amazon, [online], [site visited Mar. 3, 2025], Available from internet URL: <https://www.amazon.com/Ninja-Woodfire-Technology-terracotta-OO101/dp/B0C6BQVDX3> (Year: 2023).*

* cited by examiner

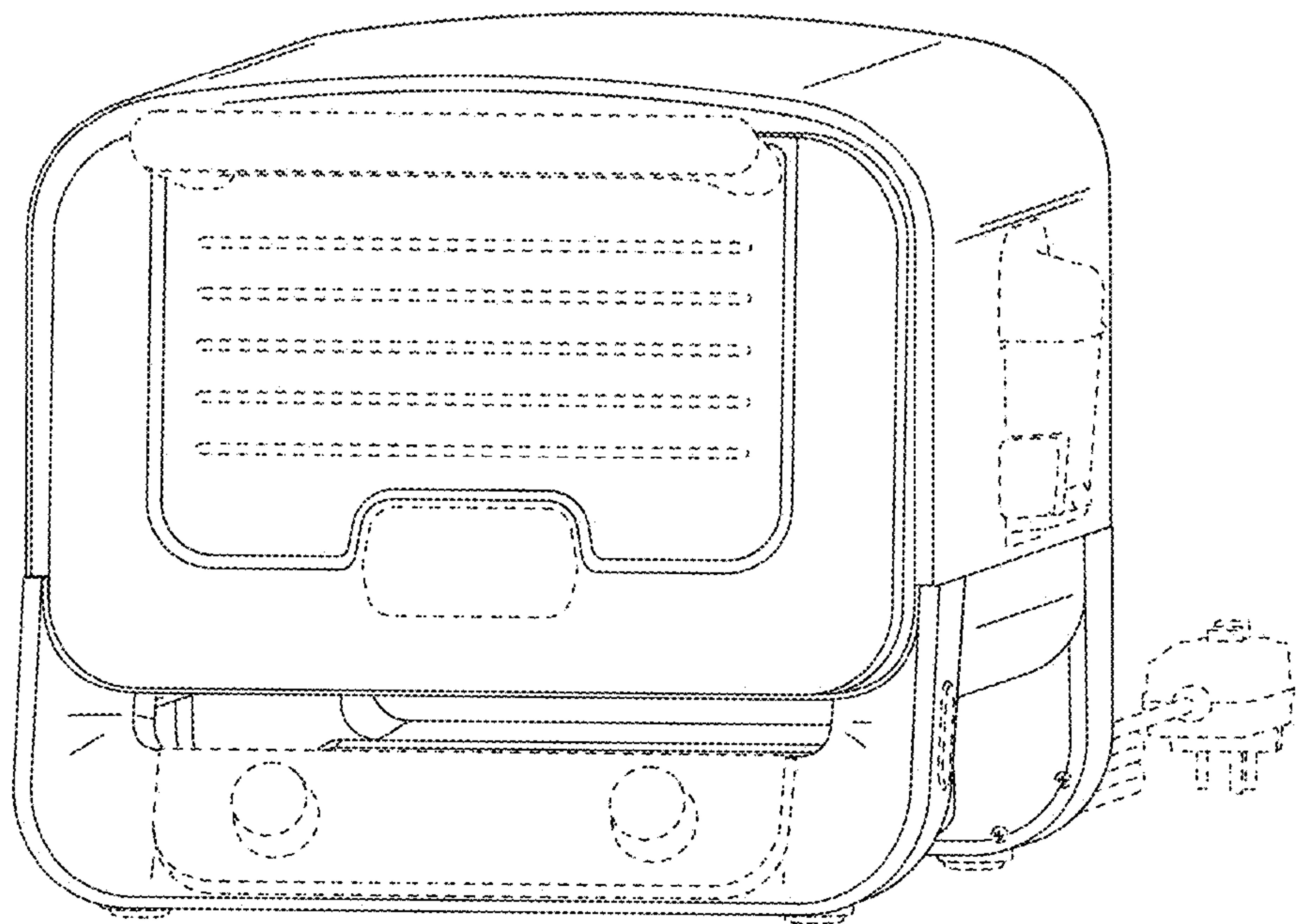


FIG. 1

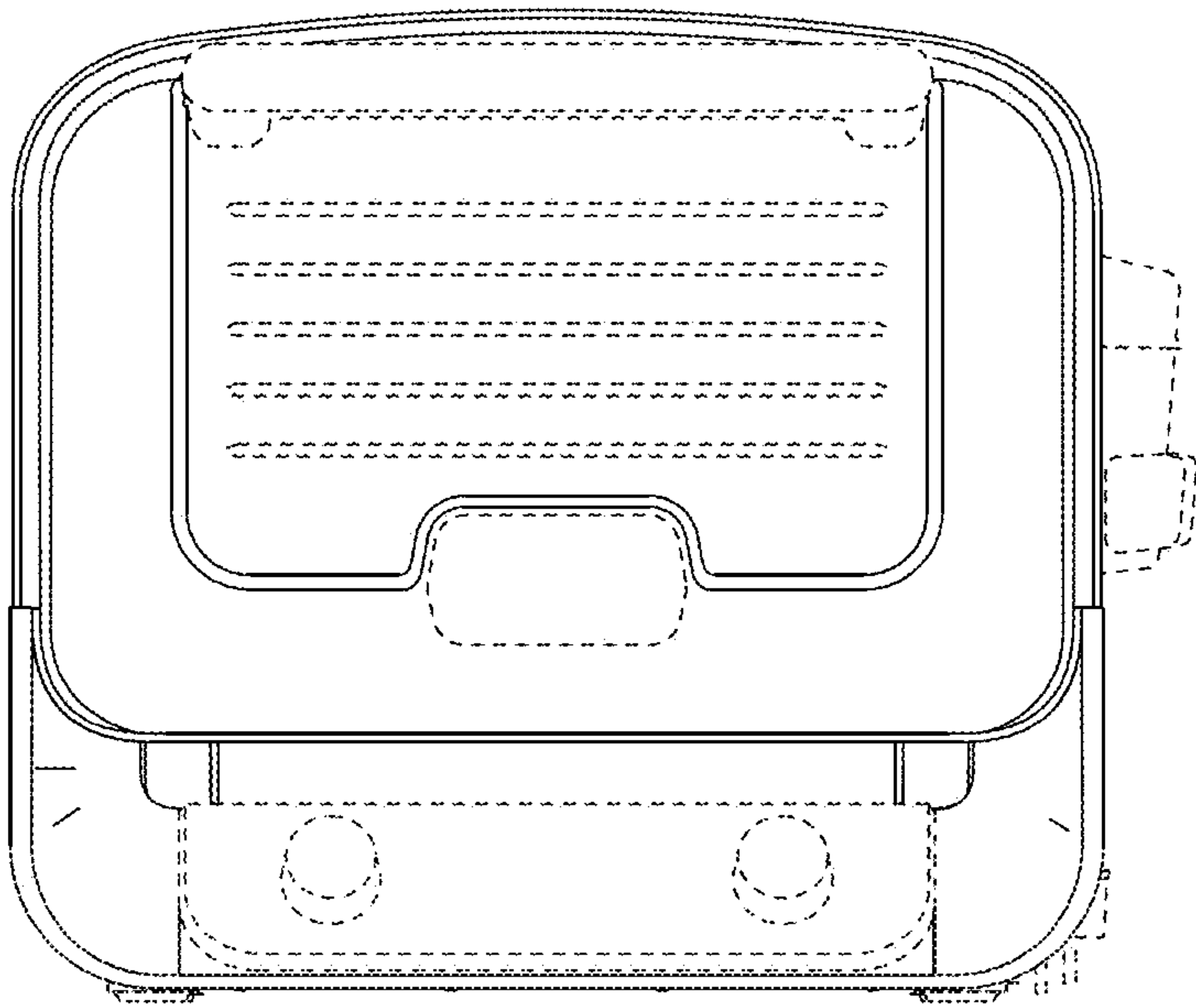


FIG. 2

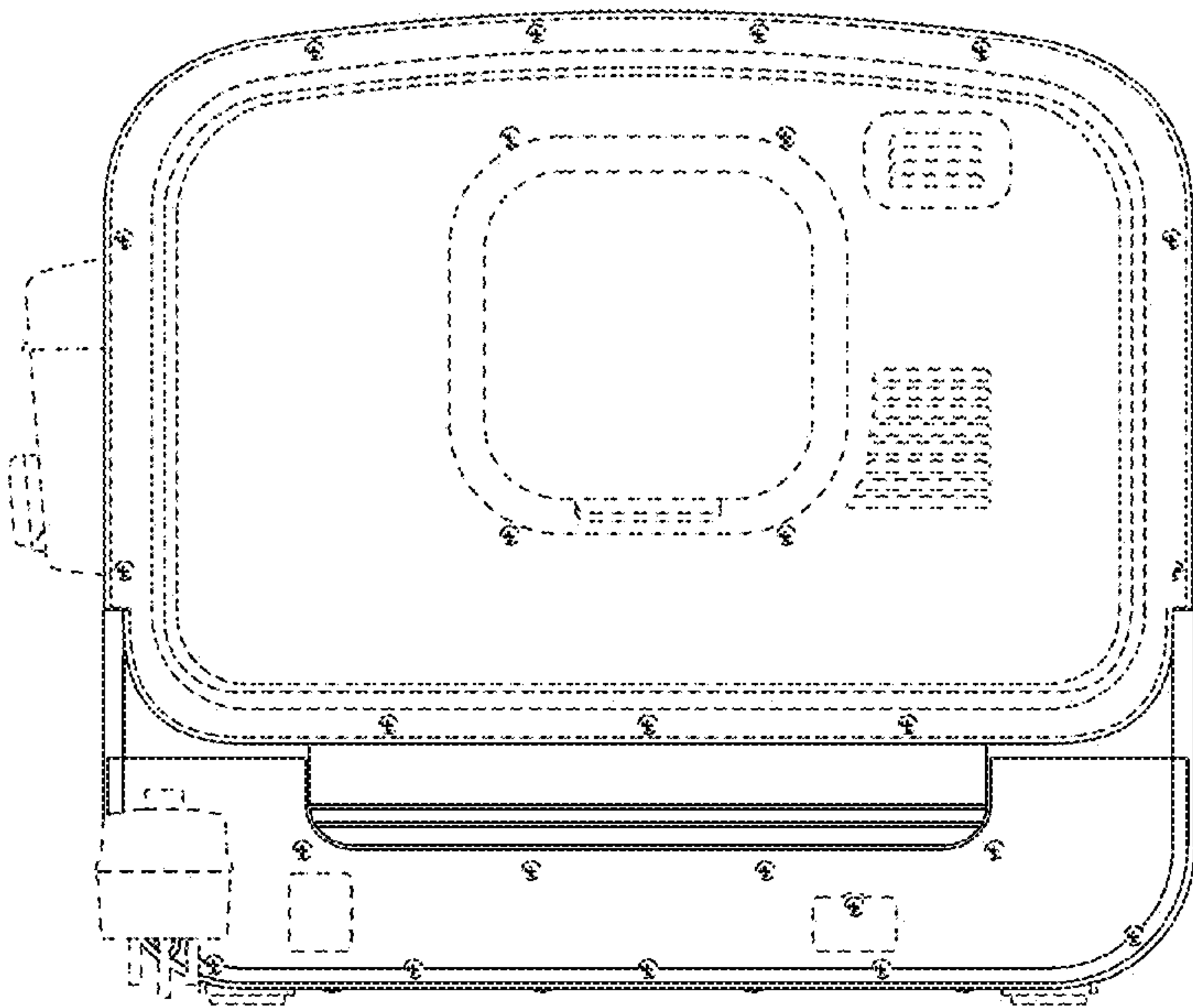


FIG. 3

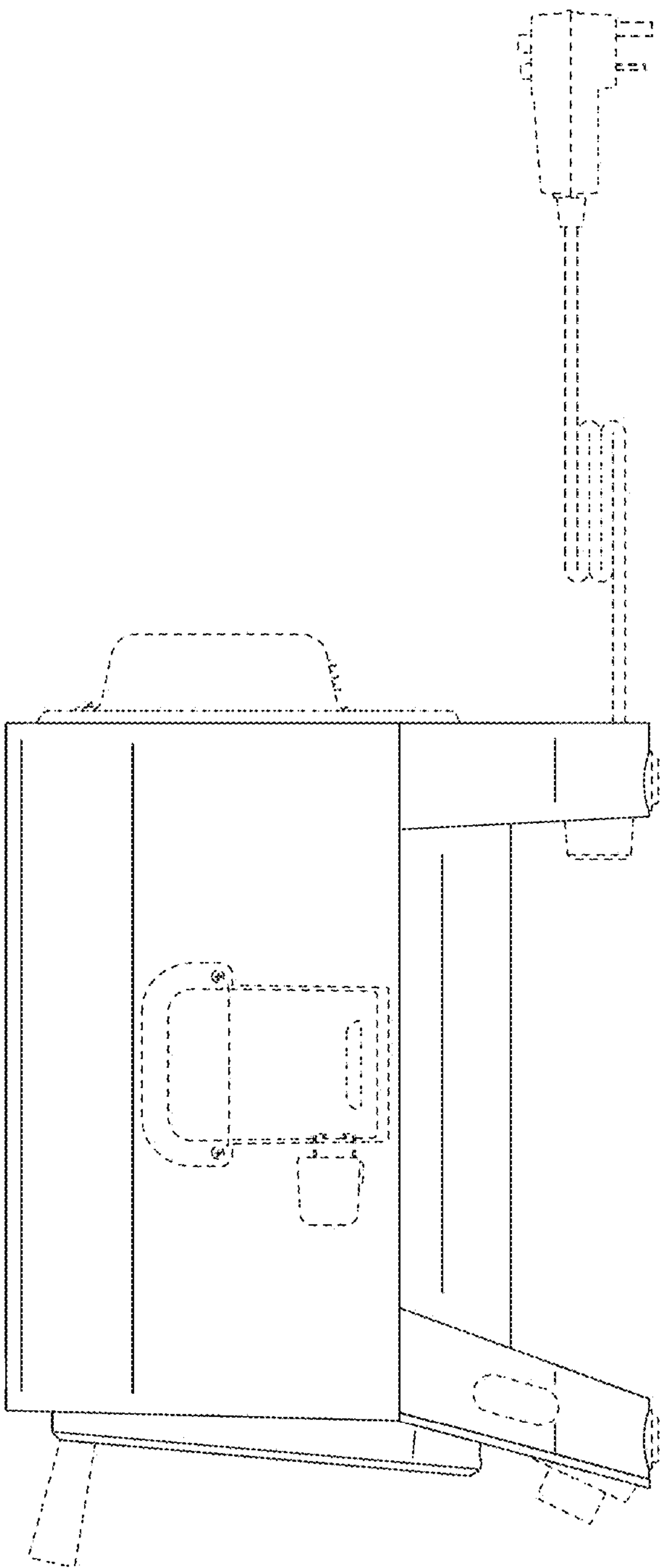


FIG. 4

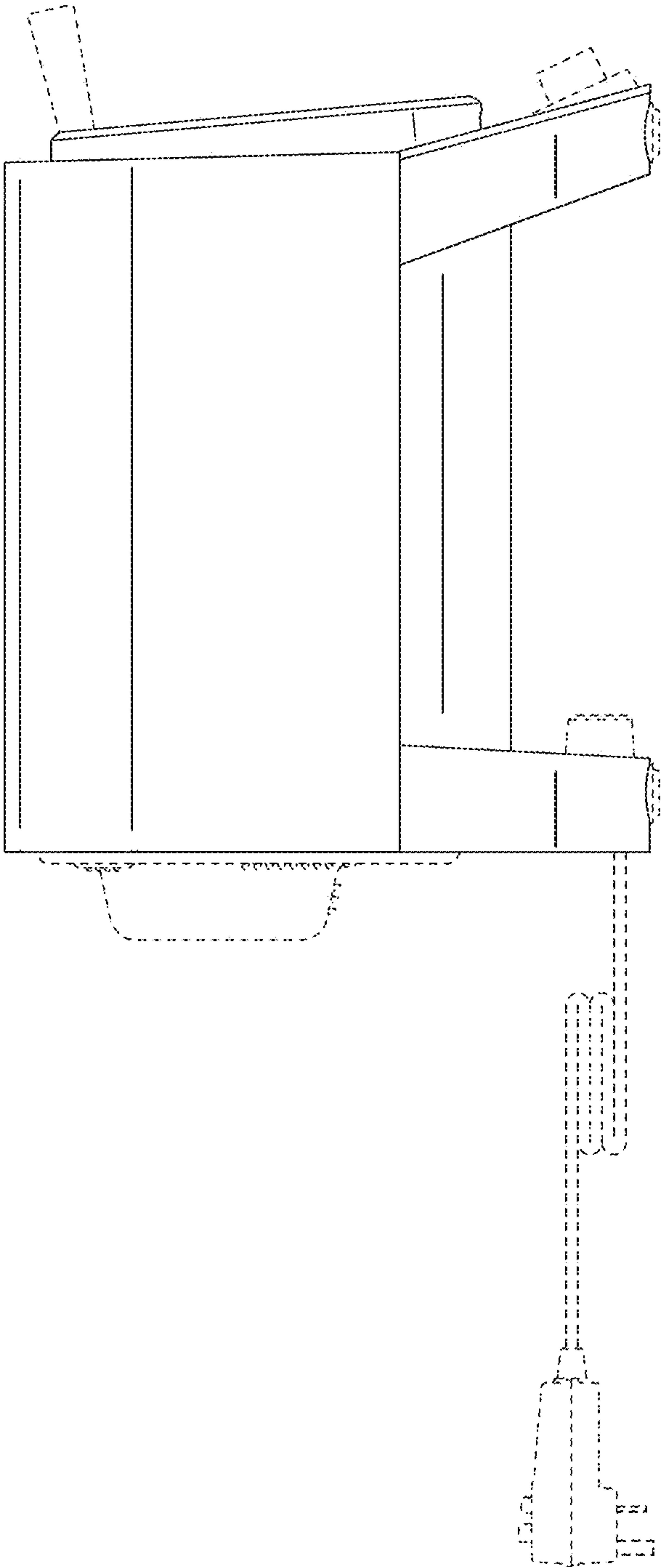


FIG. 5

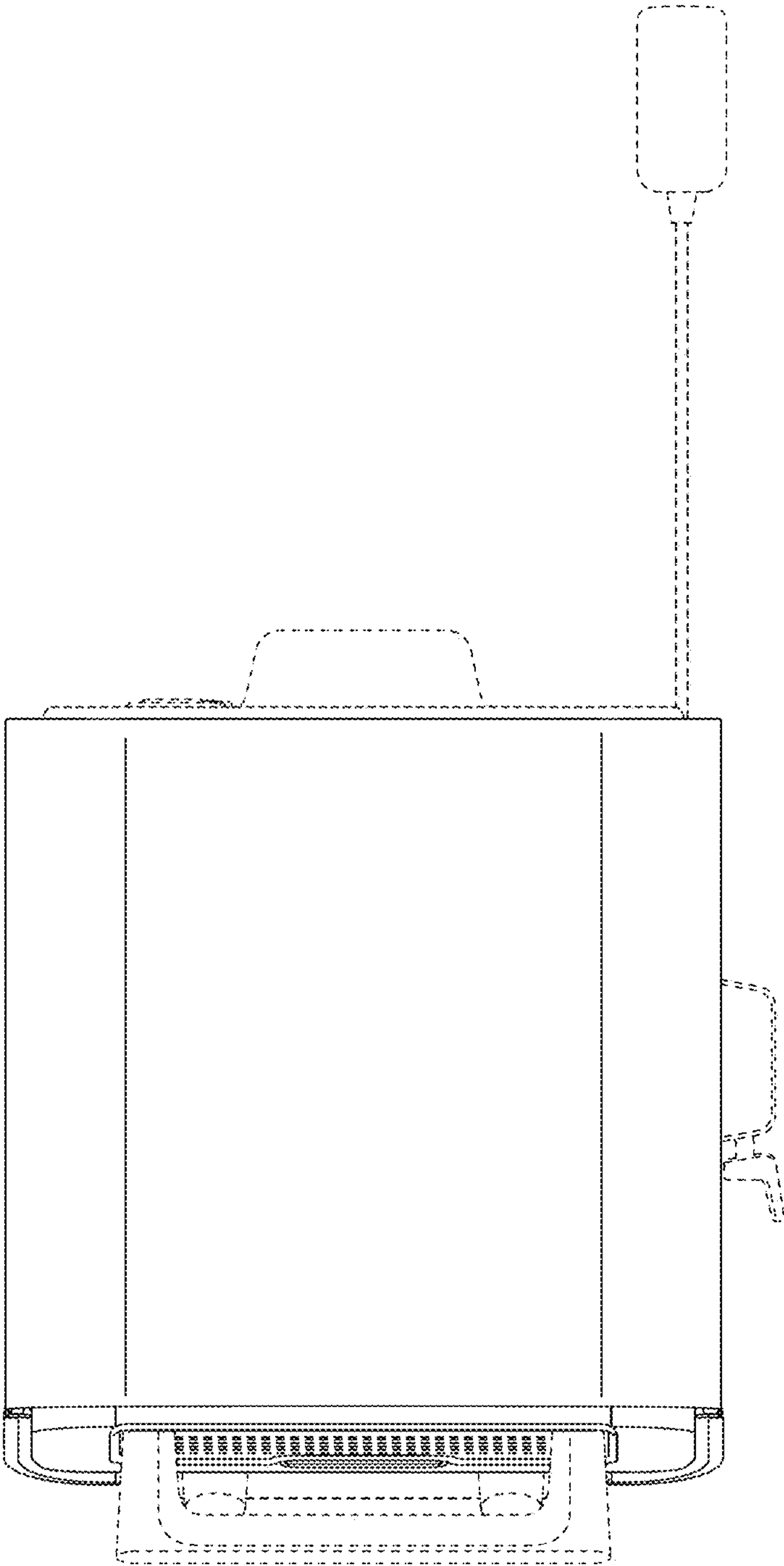


FIG. 6

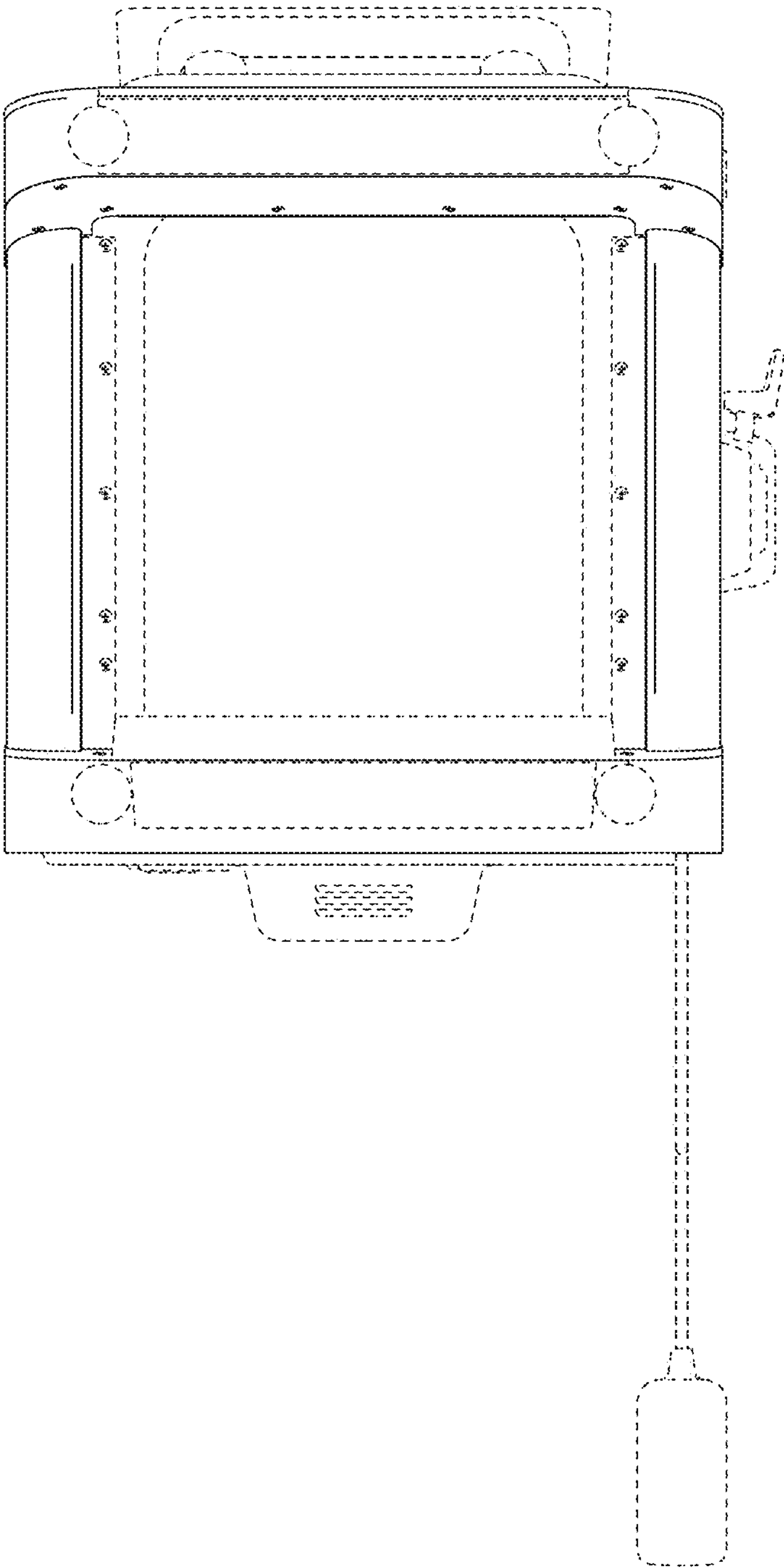


FIG. 7

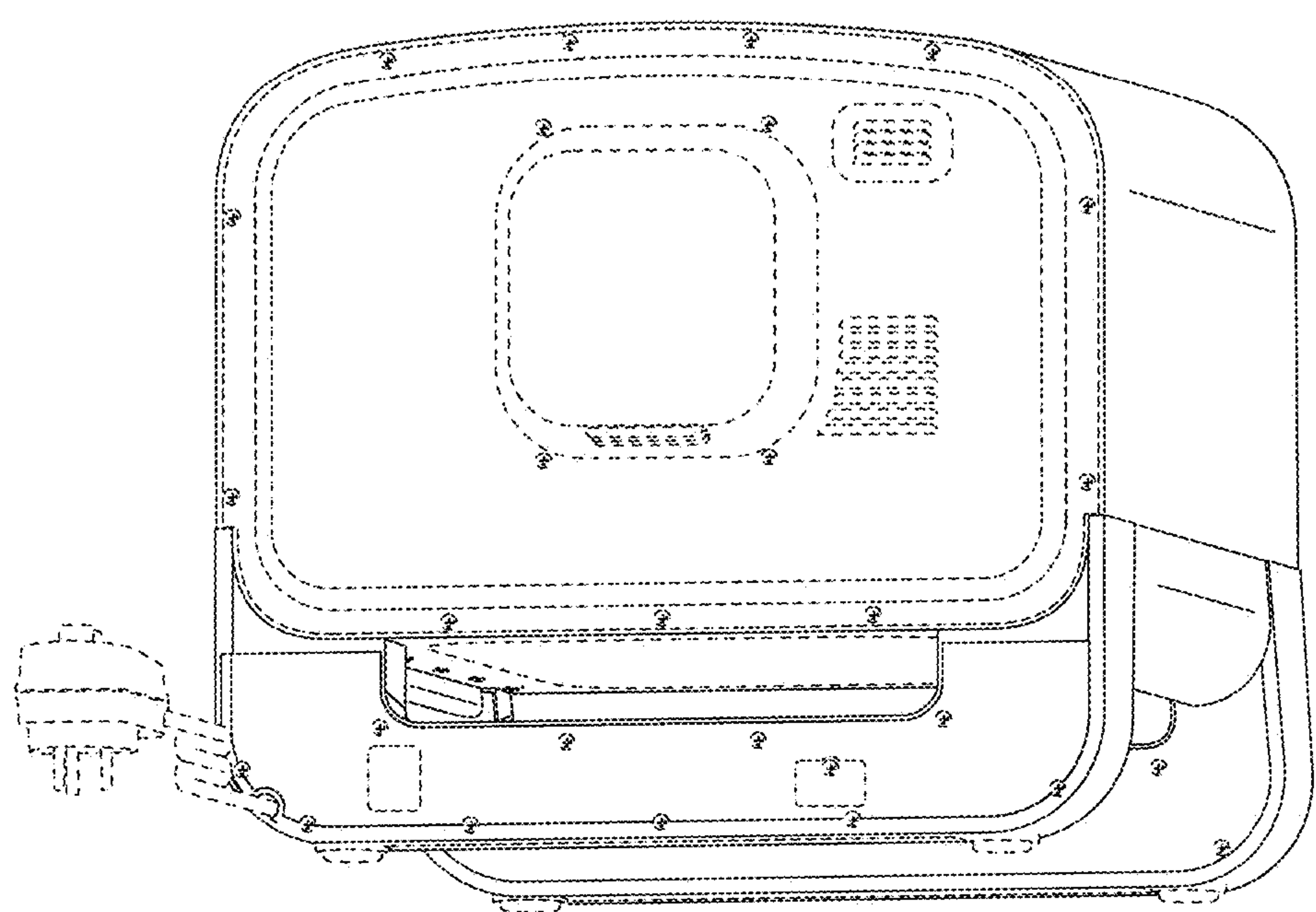


FIG. 8