



US00D793017S

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

(10) **Patent No.:** **US D793,017 S**
(45) **Date of Patent:** **** Jul. 25, 2017**

(54) **GRILL CLEANING DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Grillbot, LLC**, New York, NY (US)

CN 3616961 * 3/2007
CN 101301186 A 11/2008

(72) Inventor: **Ethan Woods**, New York, NY (US)

(Continued)

(73) Assignee: **Grillbot, LLC**, New York, NY (US)

OTHER PUBLICATIONS

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

Youtube, Consumer Reports Grillbot test, pub date Apr. 30, 2014, site visited Dec. 22, 2016, <https://www.youtube.com/watch?v=GpefSoFocs8>.*

(21) Appl. No.: **29/552,690**

(Continued)

(22) Filed: **Jan. 25, 2016**

Related U.S. Application Data

Primary Examiner — John Windmuller

Assistant Examiner — John R Yeh

(60) Division of application No. 29/482,173, filed on Feb. 14, 2014, now Pat. No. Des. 753,355, which is a continuation-in-part of application No. 29/451,847, filed on Apr. 9, 2013, now abandoned, said application No. 29/552,690 is a continuation-in-part of application No. 14/884,675, filed on Oct. 15, 2015, now Pat. No. 9,408,458, which is a continuation of application No. 13/671,125, filed on Nov. 7, 2012, now Pat. No. 9,161,612.

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

(51) **LOC (10) Cl.** **04-01**

(57) **CLAIM**

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

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

USPC **D32/42**

(58) **Field of Classification Search**

USPC D8/45, 61–62; D32/21, 40–42, 33, 46, D32/48; D4/116, 118–119, 127–129
CPC . A46B 15/0055; A46B 15/0002; A47L 13/06; A47J 43/288

DESCRIPTION

FIG. 1 is a perspective view of a grill cleaning device, showing my new design;
FIG. 2 is a front view of the grill cleaning device shown in FIG. 1;
FIG. 3 is a rear view of the grill cleaning device shown in FIG. 1;
FIG. 4 is a left side view of the grill cleaning device shown in FIG. 1;
FIG. 5 is a right side view of the grill cleaning device shown in FIG. 1; and,
FIG. 6 is a top view of the grill cleaning device shown in FIG. 1.

See application file for complete search history.

The broken lines are included for the purpose of illustrating environmental and unclaimed portions of the grill cleaning device and form no part of the claimed design.

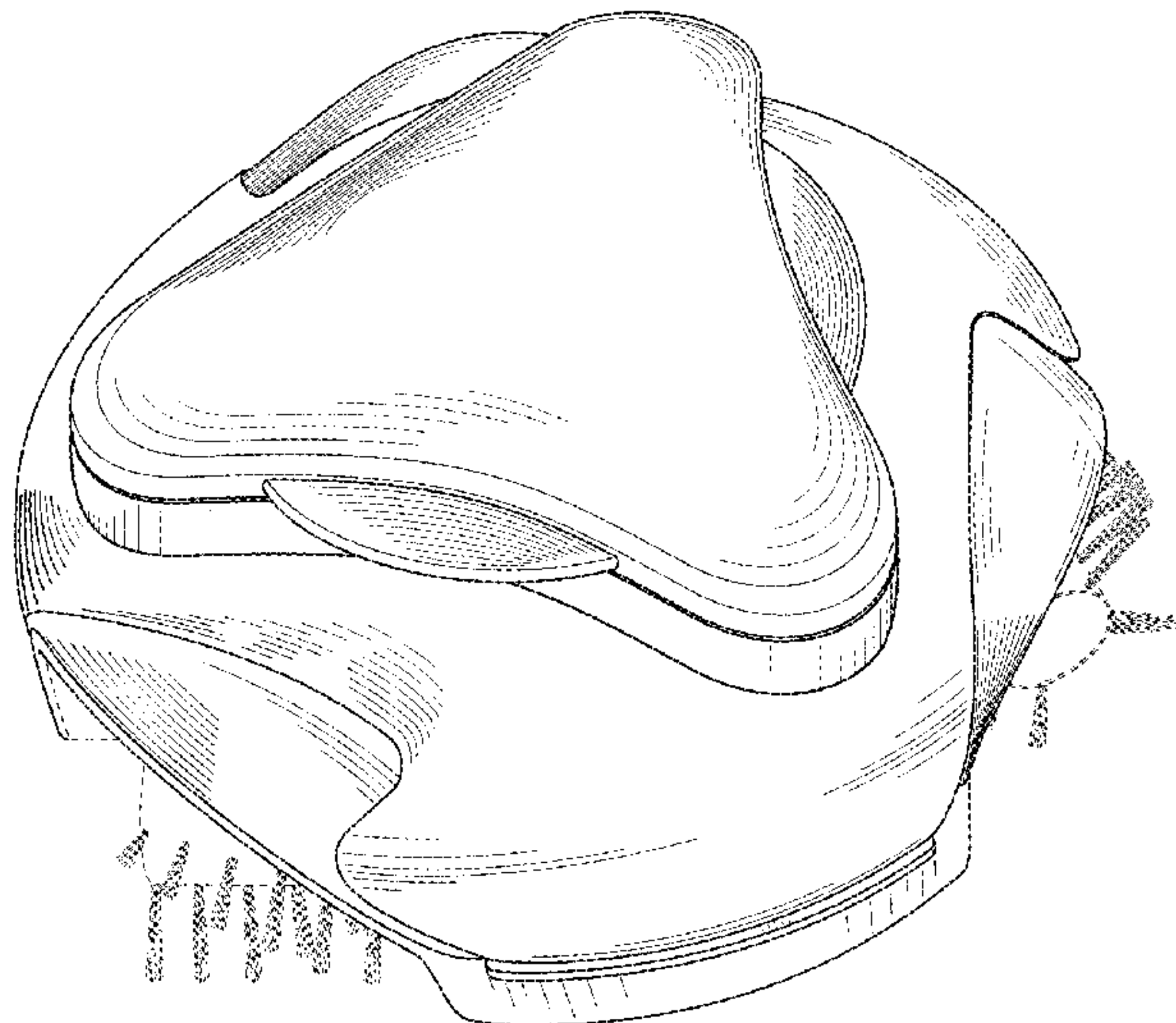
(56) **References Cited**

U.S. PATENT DOCUMENTS

2,635,268 A 4/1953 Pettie
D178,142 S 6/1956 Martinec
3,196,473 A 7/1965 Bell

(Continued)

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,046,483 A * 9/1977 Sutherland E04F 21/248
404/112
D297,779 S 9/1988 Linde
D332,734 S 1/1993 Fushiya et al.
D358,235 S 5/1995 Brooks et al.
5,435,064 A 7/1995 Brookfield
D374,557 S 10/1996 Whitaker
D378,152 S 2/1997 deBlois et al.
D382,998 S 9/1997 Conigliaro
D398,110 S 9/1998 Zemel
D411,368 S 6/1999 Liu
5,950,312 A 9/1999 Poole et al.
6,004,194 A 12/1999 Hild et al.
D422,792 S 4/2000 Liu
D429,136 S 8/2000 Ali et al.
D429,889 S 8/2000 Fielding
D436,447 S 1/2001 Weiss
D444,274 S 6/2001 Griffin
6,282,742 B1 9/2001 Boggs
D455,272 S 4/2002 Zemel
D456,614 S 5/2002 Zemel
D459,088 S 6/2002 Rowe et al.
D459,586 S 7/2002 Cummings et al.
D466,307 S 12/2002 Cantrell
D468,107 S 1/2003 Shen
D472,947 S 4/2003 Wu
D473,024 S 4/2003 Griffin et al.
D477,764 S * 7/2003 Magann D8/90
D489,151 S * 4/2004 Krieger D32/15
D499,852 S * 12/2004 Trunecek D32/46
D501,725 S 2/2005 Hay
D502,323 S 3/2005 Zemel
D507,948 S 8/2005 Boehler
6,966,094 B1 11/2005 Rigakos
D512,567 S * 12/2005 Eckhardt D32/52
7,047,590 B2 5/2006 Neal et al.
D526,871 S * 8/2006 Andriolo D8/62
D527,240 S * 8/2006 Kirschhoffer D8/90
D528,886 S * 9/2006 Heun D8/62
D530,098 S 10/2006 Neal et al.
D540,543 S 4/2007 Hay
D541,496 S * 4/2007 Bakker D32/19
D546,066 S 7/2007 Rothman
D547,069 S 7/2007 Braithwaite et al.
D562,559 S 2/2008 Murray
D578,262 S 10/2008 Trotter et al.
D581,607 S 11/2008 van der Meijden et al.
D583,156 S * 12/2008 Constantine D4/137
D589,705 S 4/2009 Zemel
7,571,511 B2 8/2009 Jones et al.
D607,297 S * 1/2010 Ali D8/90
D612,155 S 3/2010 Falkins et al.
D630,810 S 1/2011 Bruneel

D641,555 S 7/2011 Schochet
D644,901 S 9/2011 Christopher
D653,037 S 1/2012 Enders et al.
D663,531 S 7/2012 Zemel
D664,771 S 8/2012 Gunjian
D665,178 S 8/2012 Zemel
D667,285 S * 9/2012 Welsch D8/62
D680,335 S 4/2013 Wales
8,479,346 B1 7/2013 Raghuprasad
D687,286 S * 8/2013 Ali D8/90
8,806,698 B2 8/2014 Enders et al.
D714,003 S * 9/2014 Casini D32/21
D715,504 S * 10/2014 Deoksang D32/21
D743,645 S * 11/2015 Lee D32/21
D743,703 S * 11/2015 Harrington D4/138
D753,355 S * 4/2016 Woods D32/20
D753,356 S * 4/2016 Vanderstegen-Drake D32/21
D771,392 S * 11/2016 Harrington D4/138
2008/0184518 A1 8/2008 Taylor et al.
2008/0282494 A1 11/2008 Won et al.
2008/0307590 A1 12/2008 Jones et al.
2011/0191976 A1* 8/2011 Yan A47L 11/4002
15/319
2013/0232703 A1 9/2013 Jang et al.

FOREIGN PATENT DOCUMENTS

EM WOD022372-003 5/1992
EM 000906524-0006 4/2008
EP 2422675 A2 2/2012
JP D1305258 7/2007
KR 20100123585 A 11/2010
RU 00062729 U1 4/2007
WO WO-2013082046 A2 6/2013

OTHER PUBLICATIONS

Amazon.com; Motorized Grill Brush with Steam Cleaning Power, oldest review Dec. 30, 2011, online, <http://www.amazon.com/Motorized-Grill-Brush-Steam-Cleaning/dp/B0041L02CQ>, [site visited Jan. 31, 2015 7:42:28 AM].
Grillbot—the new BBQ cleaning king?, Feb. 14, 2013; <http://www.gizmag.com/grillbot-bbq-cleaning/26260/>, [site visited Jan. 31, 2015 7:45:32AM].
International Search Report for PCT Application No. PCT/US2012/066678 (published as WO 2013/082046) issued Jul. 18, 2013 which names the same inventor but is not related through a priority claim; 2 pgs.
Examination Report issued in New Zealand Design Application No. 418076, which claims the same priority as the instant application, dated Sep. 26, 2013 and Examination Report dated Oct. 18, 2013 including You Tube search results; 8 pgs.

* cited by examiner

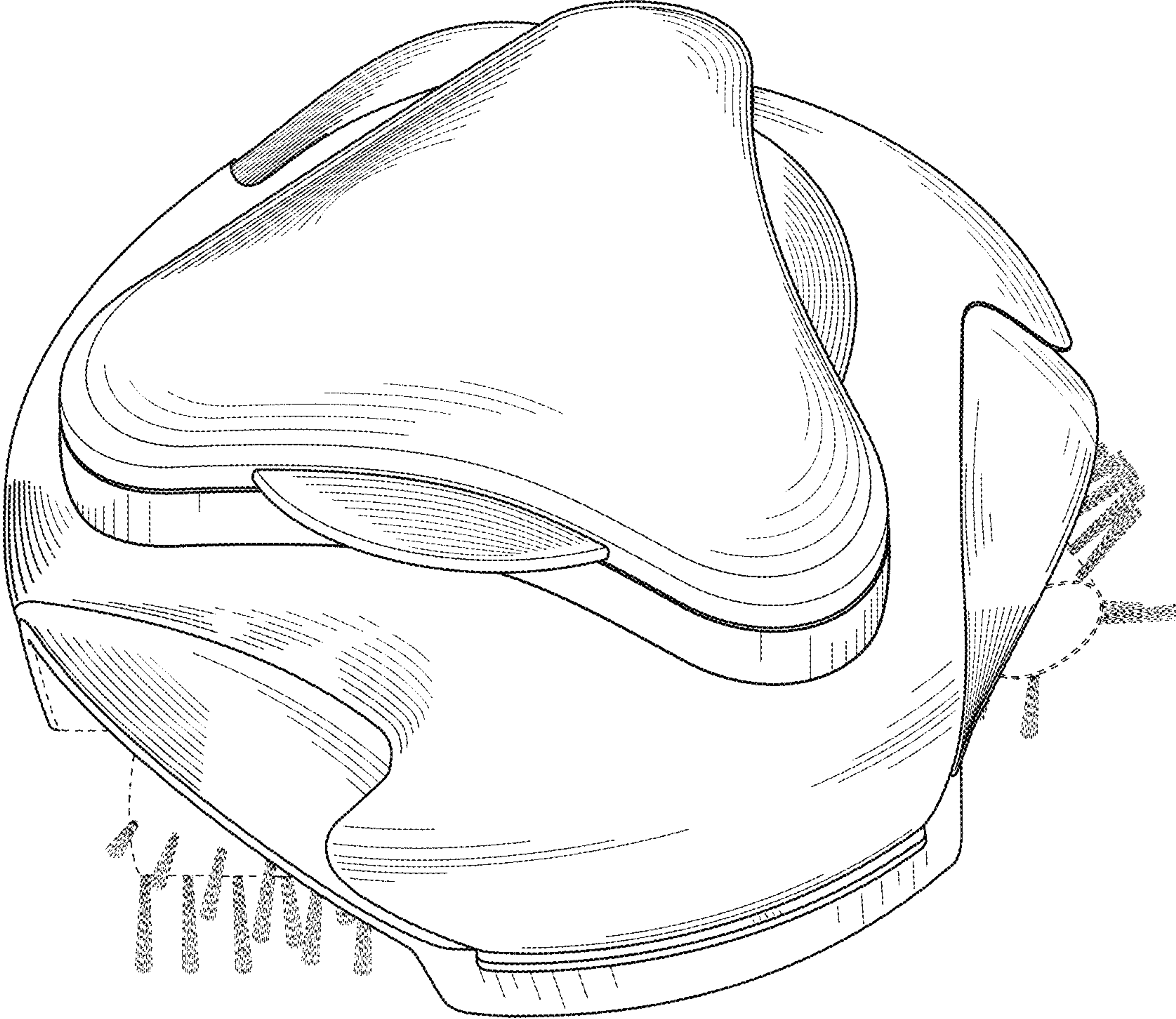


FIG. 1

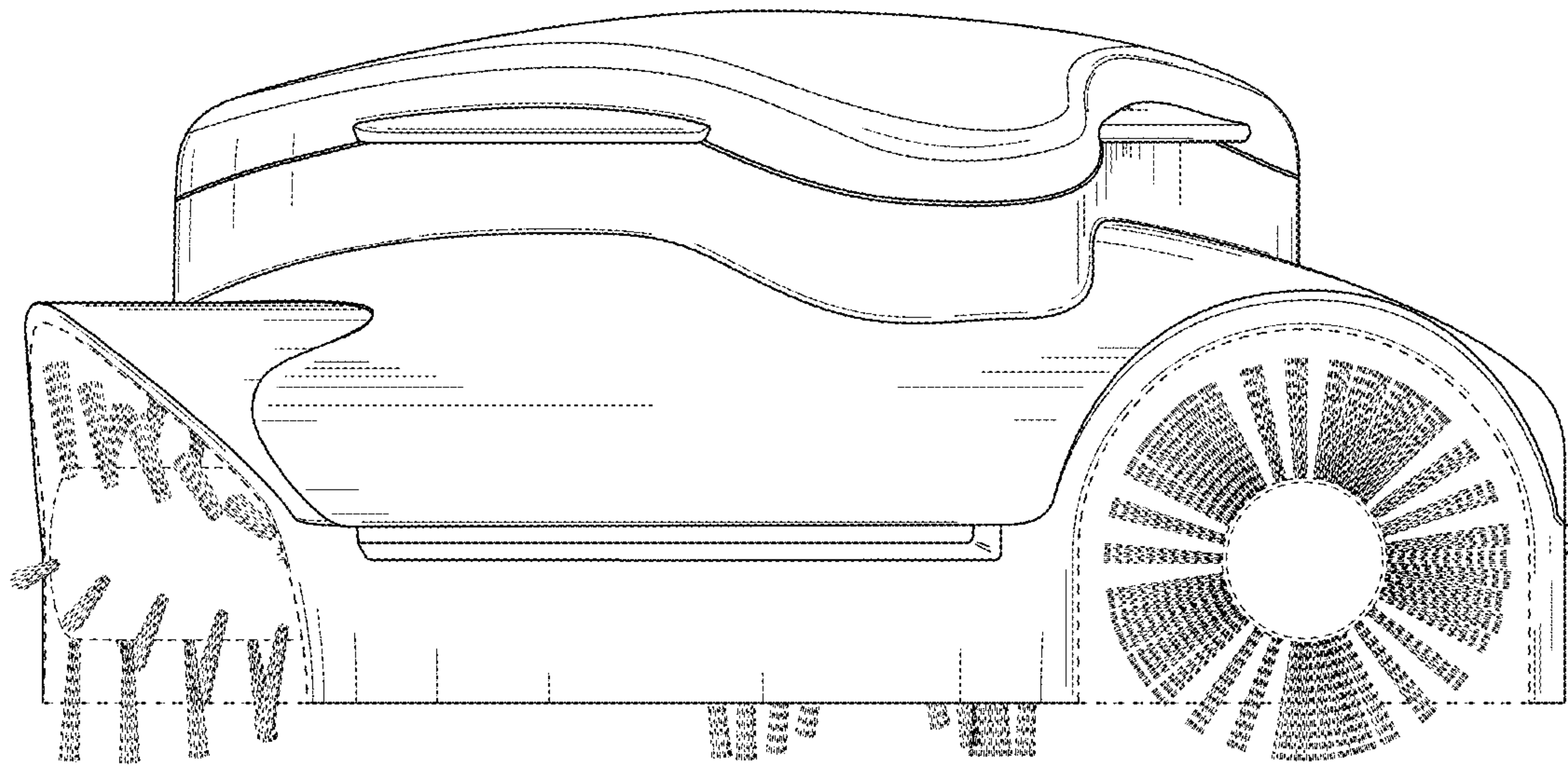


FIG. 2

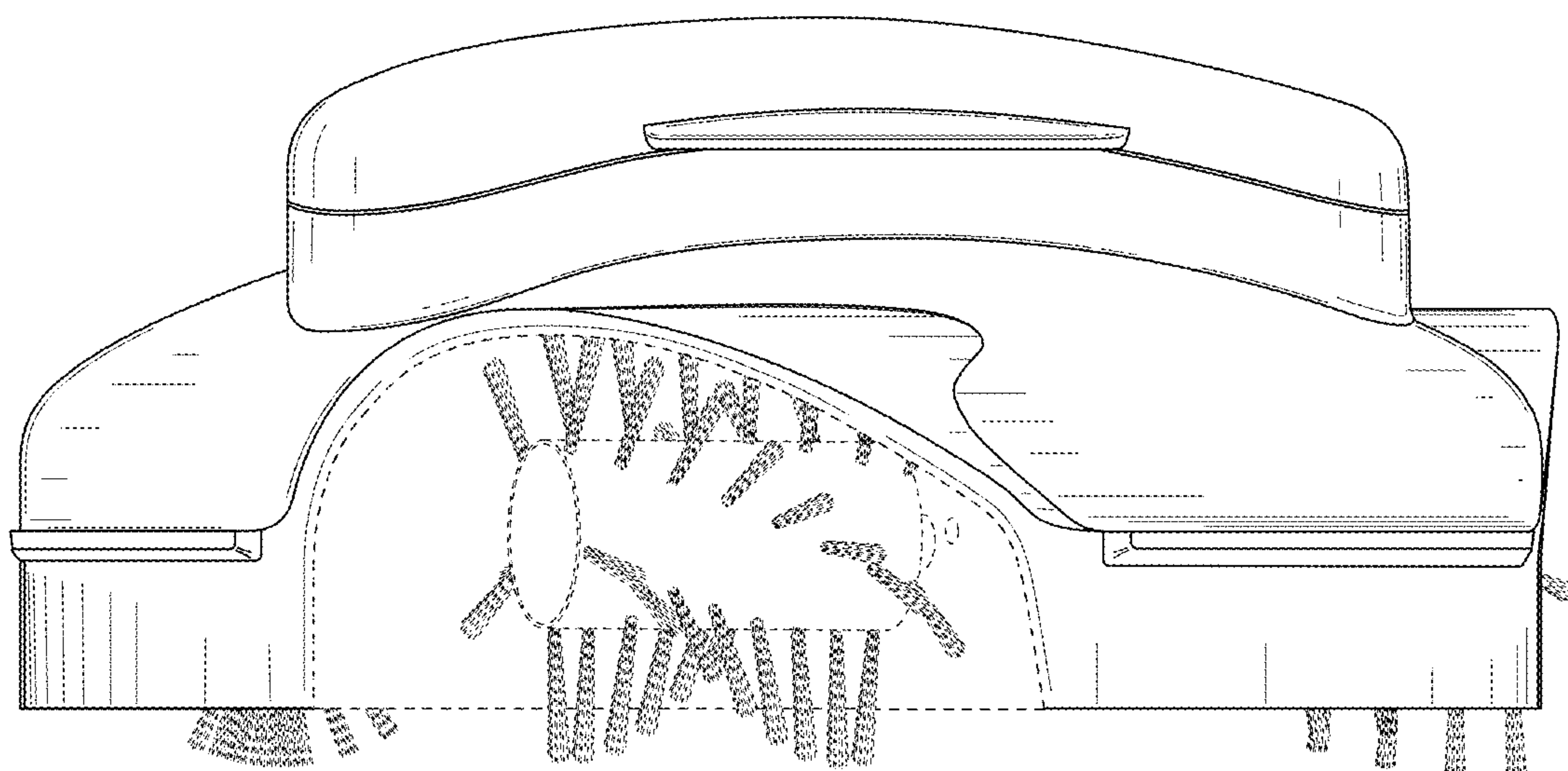


FIG. 3

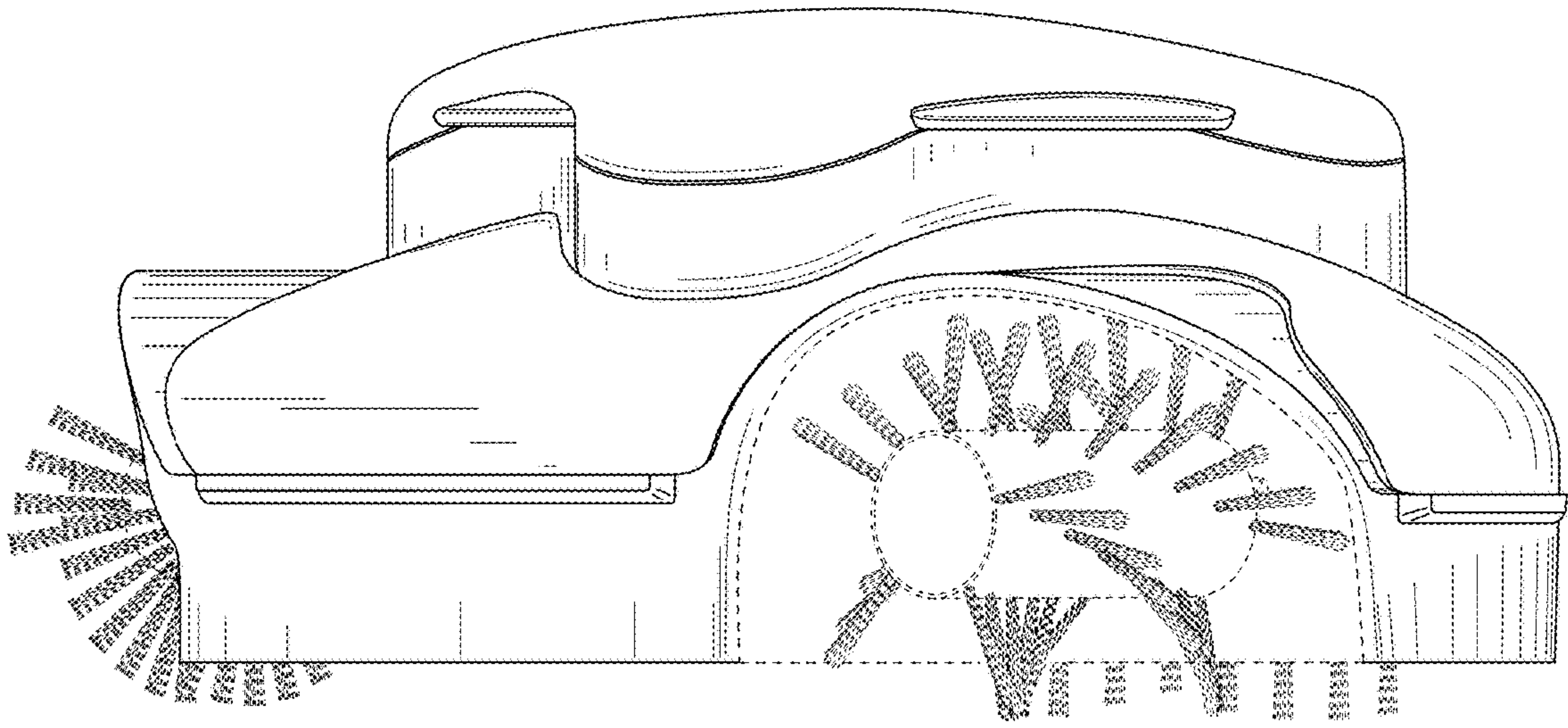


FIG. 4

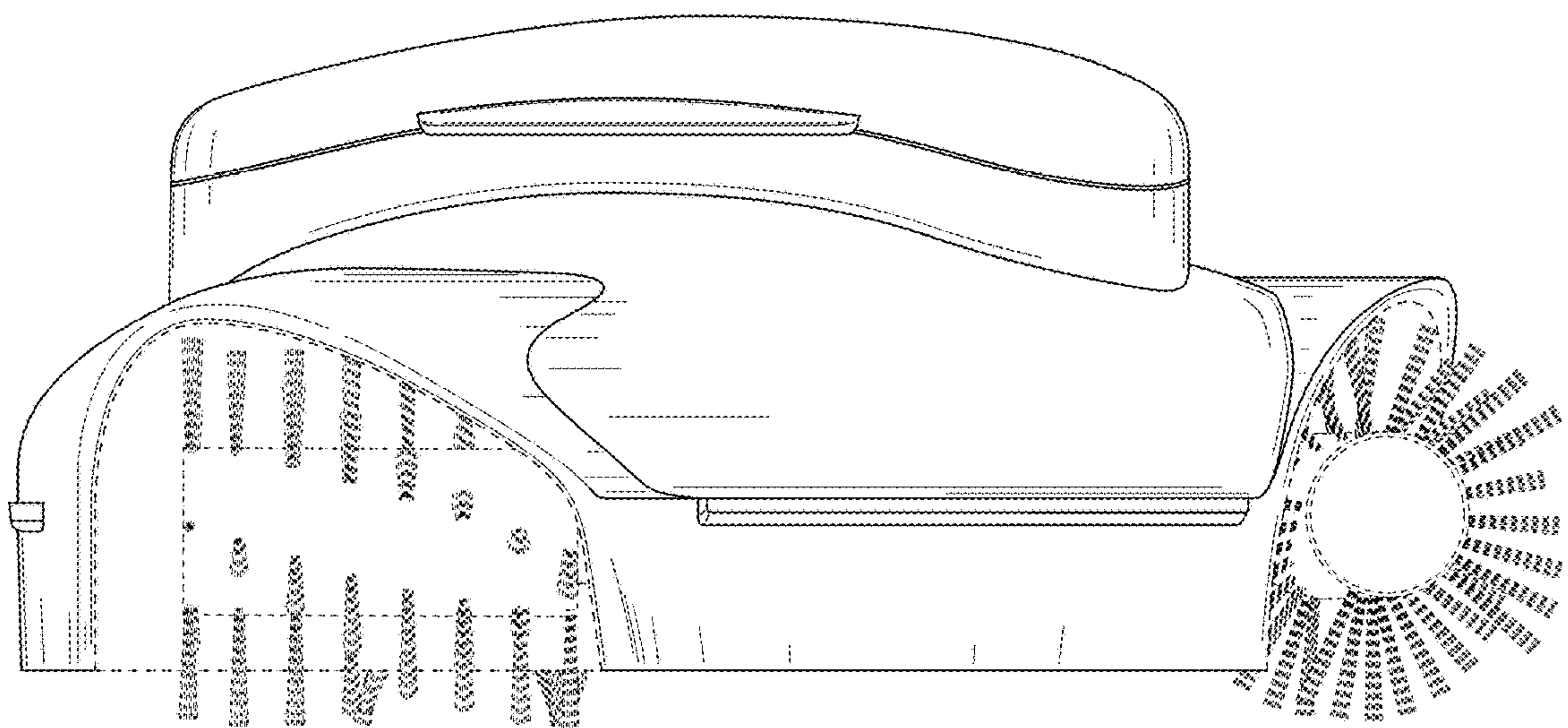


FIG. 5

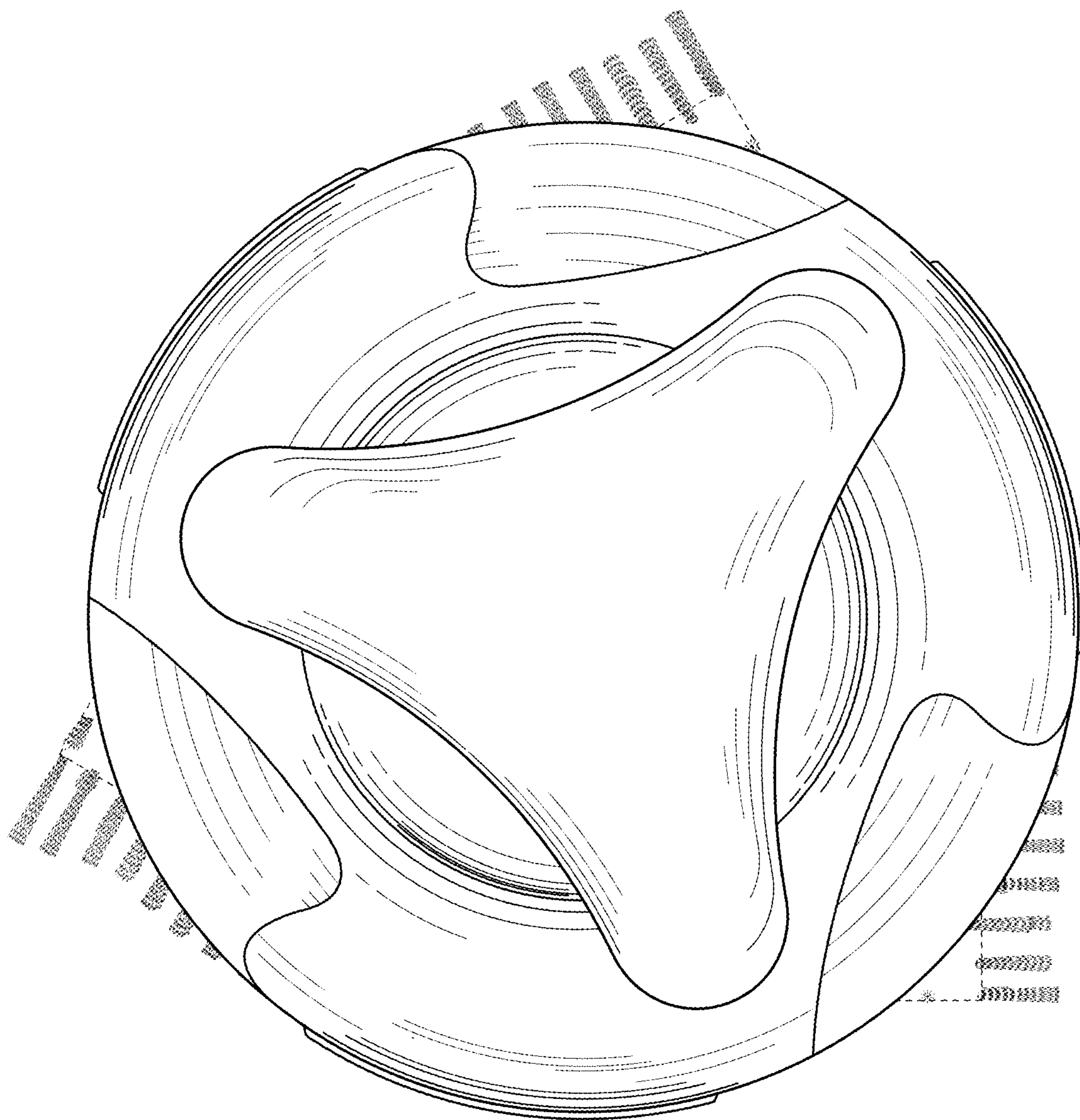


FIG. 6