



US00D868400S

(12) **United States Design Patent** (10) **Patent No.:** **US D868,400 S**
Niedzwecki et al. (45) **Date of Patent:** **** Nov. 26, 2019**

(54) **HAND VACUUM COMPONENT**
(71) Applicant: **SHARKNINJA OPERATING LLC**,
Newton, MA (US)
(72) Inventors: **Scott B. Niedzwecki**, East Walpole,
MA (US); **Owen R. Johnson**,
Needham, MA (US); **Luis A. Canas**,
Stoughton, MA (US)
(73) Assignee: **SharkNinja Operating LLC**,
Needham, MA (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/611,768**
(22) Filed: **Jul. 25, 2017**
(51) **LOC (12) Cl.** **15-05**
(52) **U.S. Cl.**
USPC **D32/18**
(58) **Field of Classification Search**
USPC D32/17-18, 22, 31-34; D8/61-62, 66;
15/302, 321
CPC ... A47L 5/24; A47L 5/225; A47L 5/36; A47L
5/28; A47L 9/32; A47L 9/325; A47L
9/327; A47L 9/244
See application file for complete search history.

7,328,479 B2 2/2008 Willenbring
D566,356 S 4/2008 Medema
D569,564 S 5/2008 Labarbera
D577,163 S 9/2008 Dyson et al.
D581,609 S 11/2008 Conrad et al.
D585,608 S 1/2009 Conrad et al.
D594,612 S 6/2009 Umeda
D597,268 S 7/2009 Santiago et al.
D619,315 S 7/2010 Ayers
(Continued)

FOREIGN PATENT DOCUMENTS

EM 003404540-001 10/2016

OTHER PUBLICATIONS

“Shark Rocket Ultra-Light Upright (HV301)”, <https://www.amazon.com/Shark-Rocket-Ultra-Light-Upright-HV301>, Oct. 31, 2018.

(Continued)

Primary Examiner — Ruth McInroy
(74) *Attorney, Agent, or Firm* — Grossman Tucker
Perreault & Pflieger, PLLC

(57) **CLAIM**

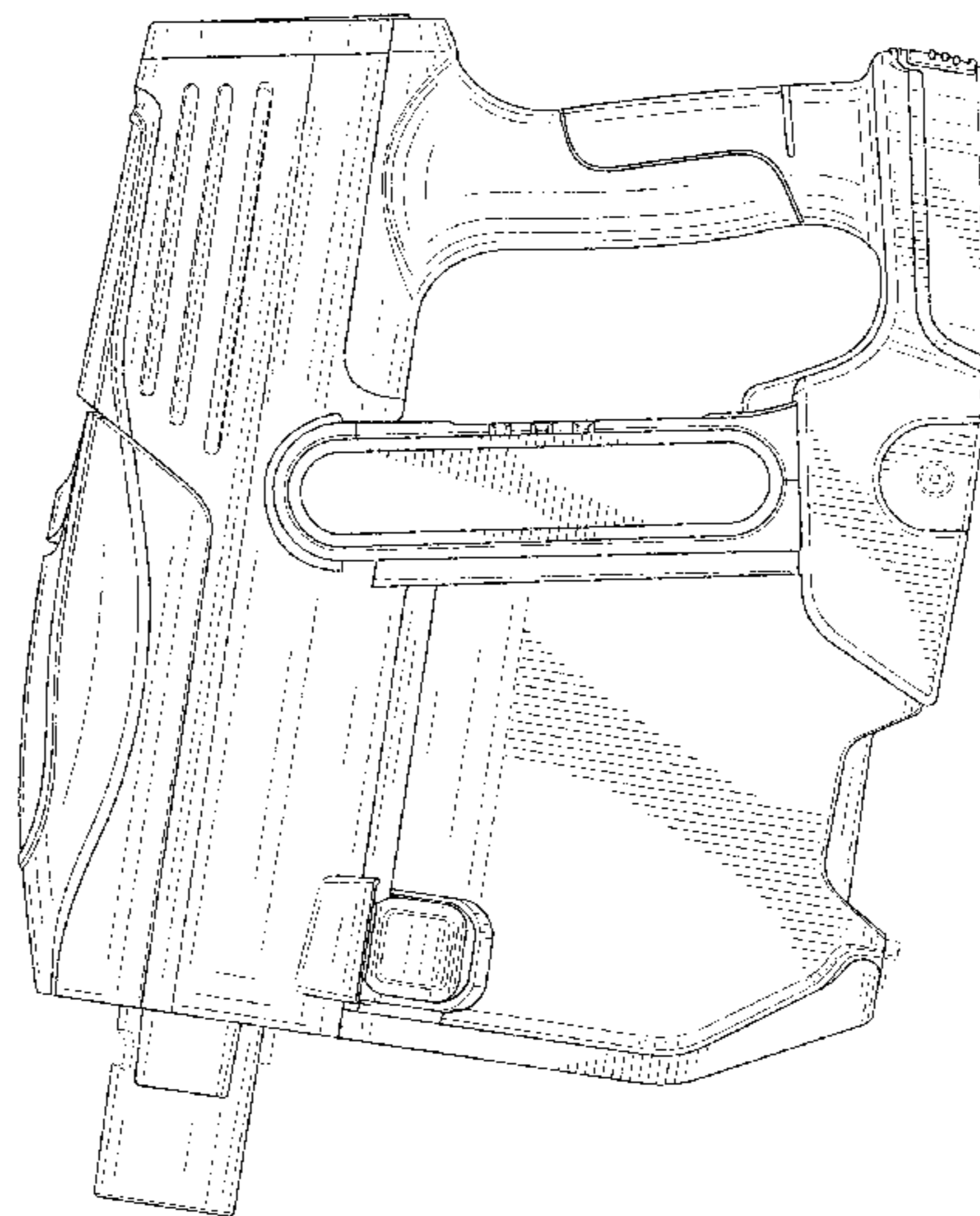
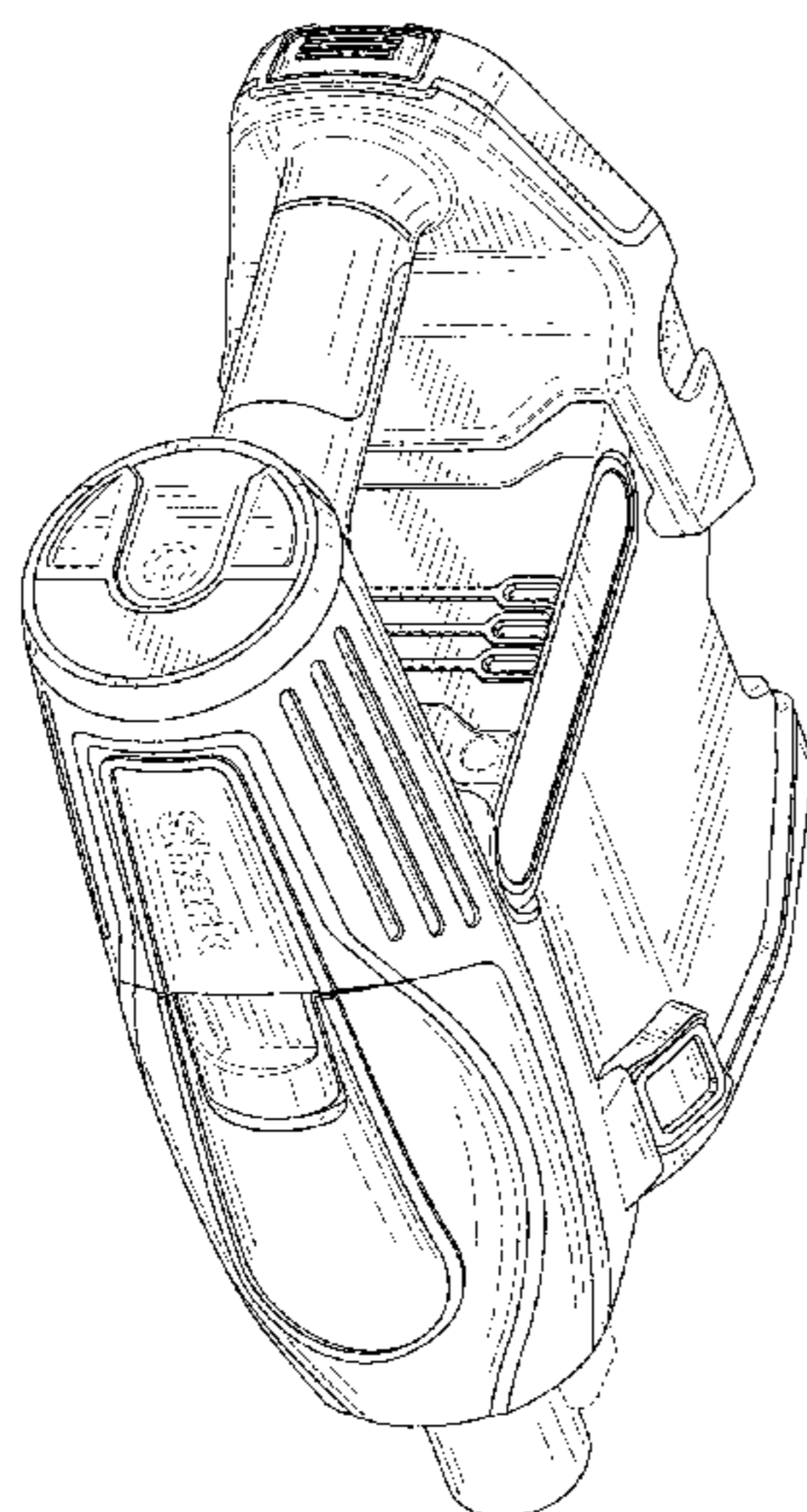
We claim the ornamental design for a hand vacuum component, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hand vacuum component showing our new design;
FIG. 2 is a left side view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The details shown in broken lines form no part of the claimed design.

1 Claim, 5 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS
4,138,762 A 2/1979 Jost et al.
4,372,004 A 2/1983 Vermillion
4,627,127 A 12/1986 Dupre
D348,548 S 7/1994 Pino
5,960,514 A 10/1999 Miller et al.
6,101,669 A 8/2000 Martin et al.
D440,019 S 4/2001 Mehaffey et al.
6,237,188 B1 5/2001 Takemoto et al.
D473,687 S 4/2003 Kaffenberger
D524,498 S 7/2006 Luebbering et al.
7,171,723 B2 2/2007 Kobayashi et al.



(56)

References Cited

U.S. PATENT DOCUMENTS

D635,728 S 4/2011 Jellman
 7,931,716 B2 4/2011 Oakham
 7,979,952 B2 7/2011 Beskow et al.
 D655,468 S 3/2012 Karsan
 8,146,201 B2 4/2012 Conrad
 D668,010 S * 9/2012 Stickney D32/18
 D668,823 S 10/2012 Stickney et al.
 8,402,600 B2 3/2013 Beskow et al.
 D681,291 S 4/2013 Morgan et al.
 8,689,395 B2 4/2014 Conrad
 8,745,818 B2 6/2014 Iles et al.
 D720,104 S 12/2014 Santiago et al.
 9,027,198 B2 * 5/2015 Conrad A47L 9/16
 15/344
 D731,130 S * 6/2015 Dyson D32/18
 D731,134 S 6/2015 Dyson et al.
 D731,136 S 6/2015 Yun et al.
 D731,720 S 6/2015 Gidwell et al.
 D731,724 S 6/2015 Cheon et al.
 9,066,640 B2 6/2015 Iles et al.
 D738,583 S 9/2015 Gidwell et al.
 D738,584 S * 9/2015 Niedzwecki D32/18
 9,144,356 B2 9/2015 Yun
 D741,558 S 10/2015 Kerr
 D742,083 S 10/2015 Gidwell et al.
 D743,123 S 11/2015 Chu
 D745,231 S * 12/2015 Niedzwecki D32/18
 D747,571 S * 1/2016 Dyson D32/18
 D747,572 S 1/2016 Kerr
 9,314,140 B2 4/2016 Eriksson
 D761,507 S 7/2016 Heck et al.
 D762,031 S 7/2016 Niedzwecki
 9,451,853 B2 9/2016 Conrad et al.
 D770,111 S 10/2016 Lee et al.
 9,468,346 B1 10/2016 Rzepka
 D771,890 S 11/2016 Kim
 D772,510 S * 11/2016 Palladino D32/31
 D772,512 S 11/2016 Yoon et al.
 D773,139 S 11/2016 Palladino
 D774,260 S * 12/2016 Manning D32/22
 D774,264 S 12/2016 Bartram et al.

D775,772 S * 1/2017 Lee D32/31
 D779,751 S 2/2017 Chu
 D779,752 S 2/2017 Johnson
 D781,014 S 3/2017 Wu et al.
 D788,393 S 5/2017 Canas et al.
 D789,007 S 6/2017 Jang et al.
 D790,785 S 6/2017 Courtney et al.
 D792,665 S * 7/2017 Salagnac D32/18
 D796,134 S 8/2017 Labarbera
 D796,136 S 8/2017 Reynolds et al.
 D798,009 S * 9/2017 Salagnac D32/18
 D799,767 S * 10/2017 Palladino D32/22
 9,883,781 B2 * 2/2018 Thorne A47L 9/16
 D814,723 S * 4/2018 Palladino D32/31
 D819,282 S * 5/2018 Kim D32/22
 D821,044 S * 6/2018 Cao D32/18
 D824,616 S * 7/2018 Ward D32/22
 D827,232 S 8/2018 Lim
 D827,955 S * 9/2018 Palladino D32/18
 10,080,471 B2 9/2018 Reimer et al.
 D830,016 S * 10/2018 Lim D32/22
 D830,017 S * 10/2018 Nam D32/22
 2002/0124334 A1 9/2002 Worwag
 2005/0172447 A1 8/2005 Roney et al.
 2006/0191097 A1 8/2006 Baumhake
 2009/0229075 A1 9/2009 Eriksson
 2010/0229328 A1 9/2010 Conrad
 2012/0311813 A1 12/2012 Gilbert, Jr. et al.
 2013/0139349 A1 6/2013 Iles et al.
 2014/0060577 A1 3/2014 Bruders et al.
 2014/0196247 A1 7/2014 Kasper et al.
 2014/0237760 A1 8/2014 Conrad
 2015/0033498 A1 2/2015 McVey
 2015/0359396 A1 12/2015 Yun
 2016/0058257 A1 3/2016 Ventress et al.
 2016/0345795 A1 12/2016 Manning

OTHER PUBLICATIONS

“Shark HV322 TruePat Rocket Ultra-Lightweight Upright Vacuum”,
<https://www.amazon.com/Shark-HV322-TruePet-Ultra-Lightweight-Upright>, Oct. 31, 2018.

* cited by examiner

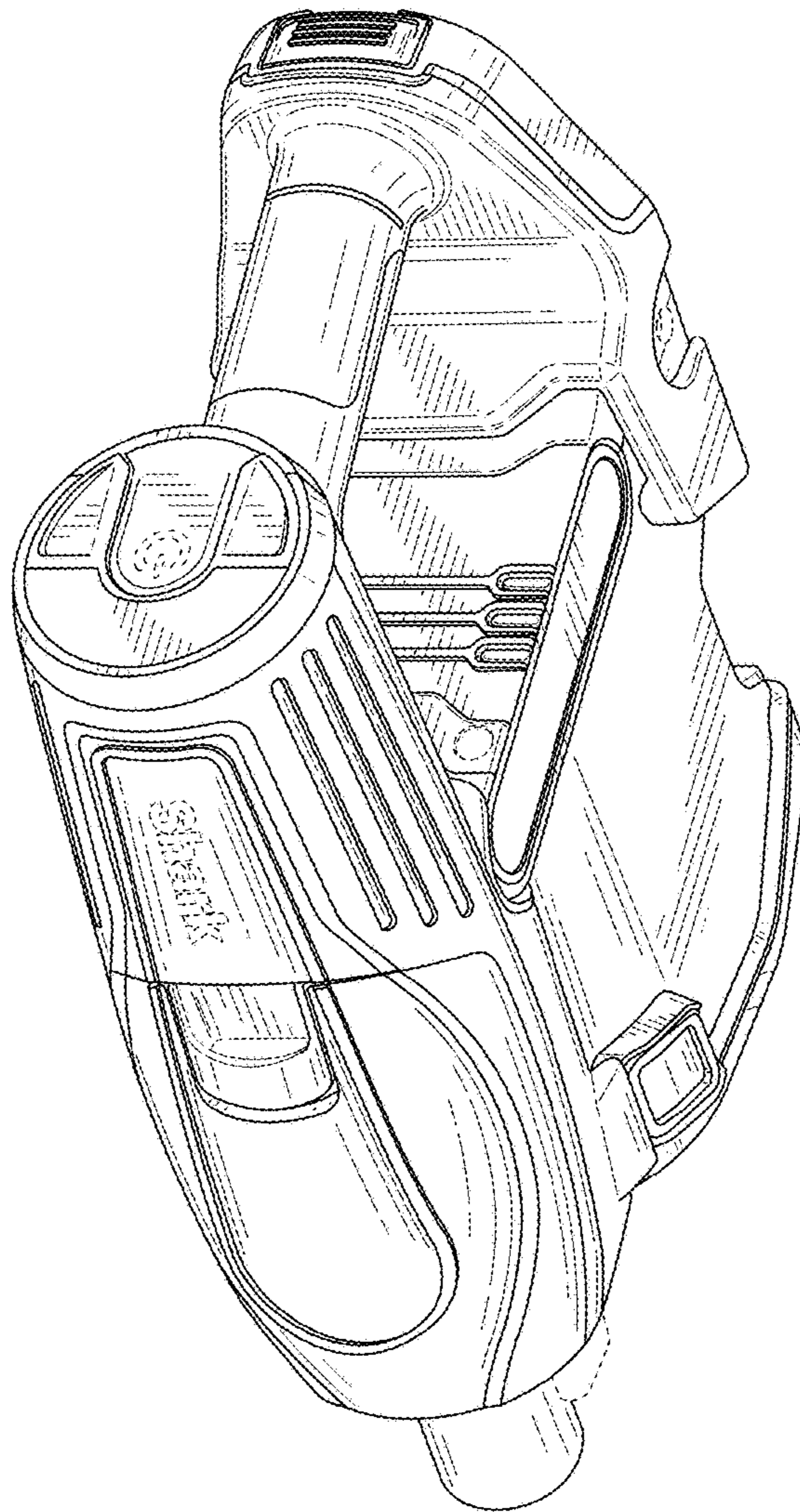


FIG. 1

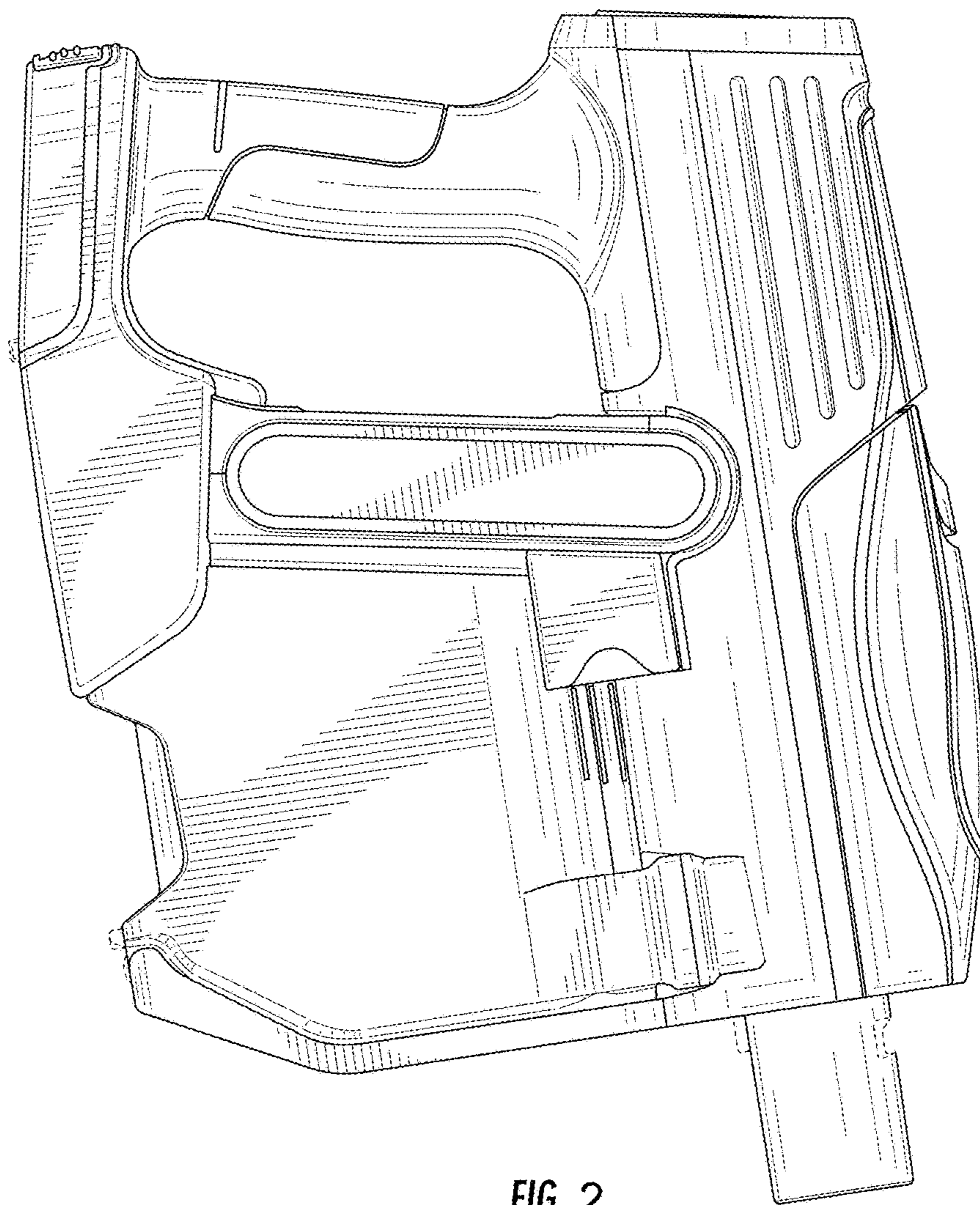


FIG. 2

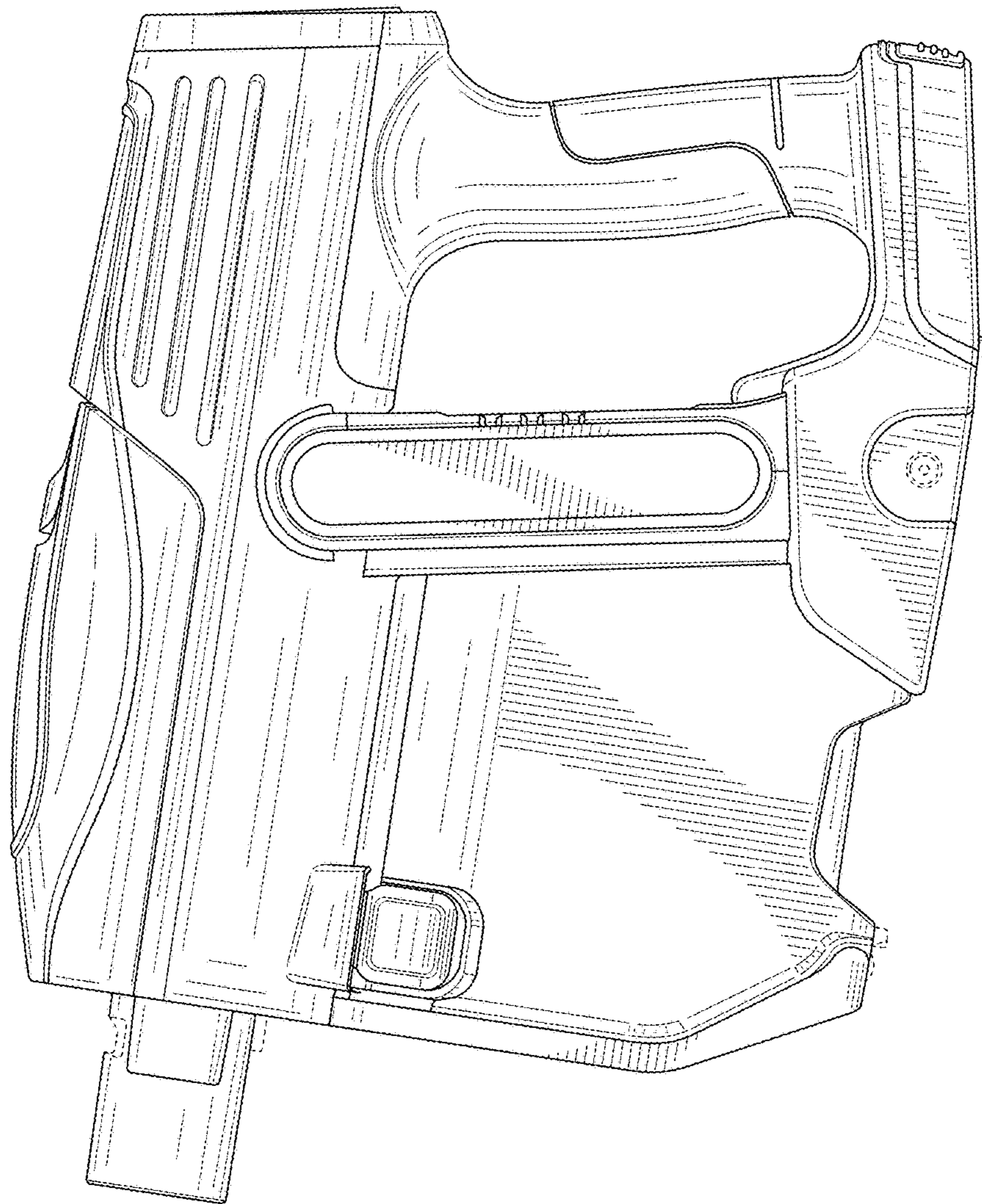


FIG. 3

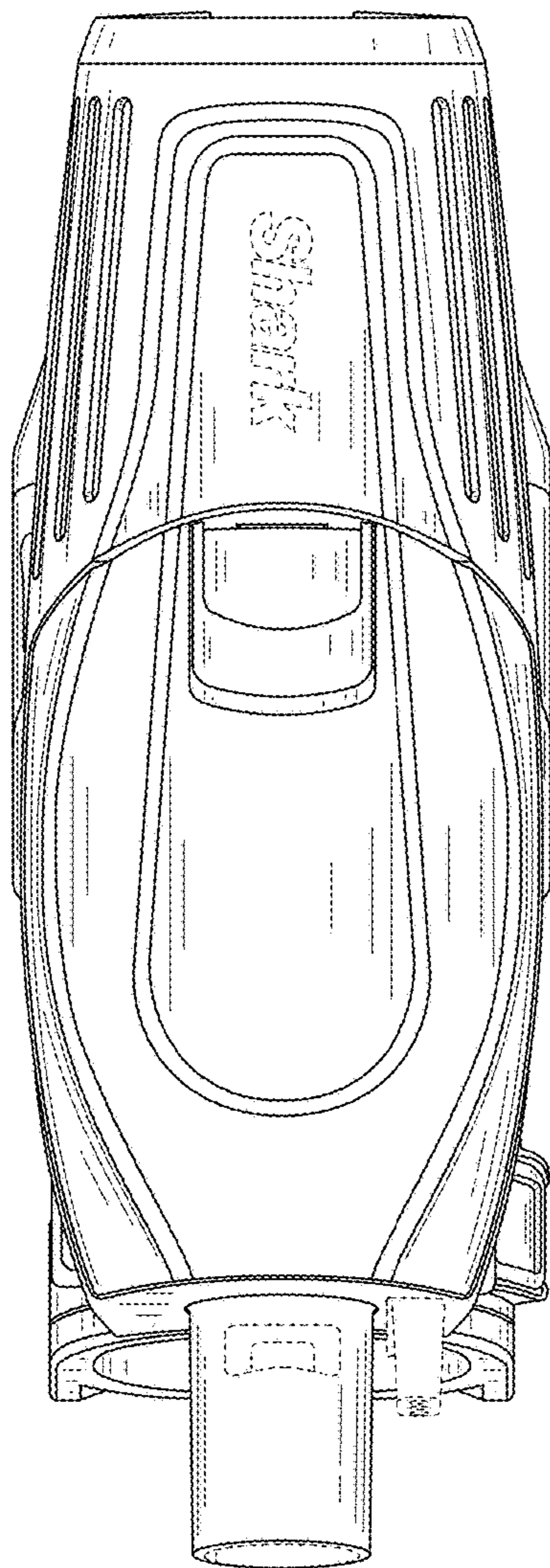


FIG. 4

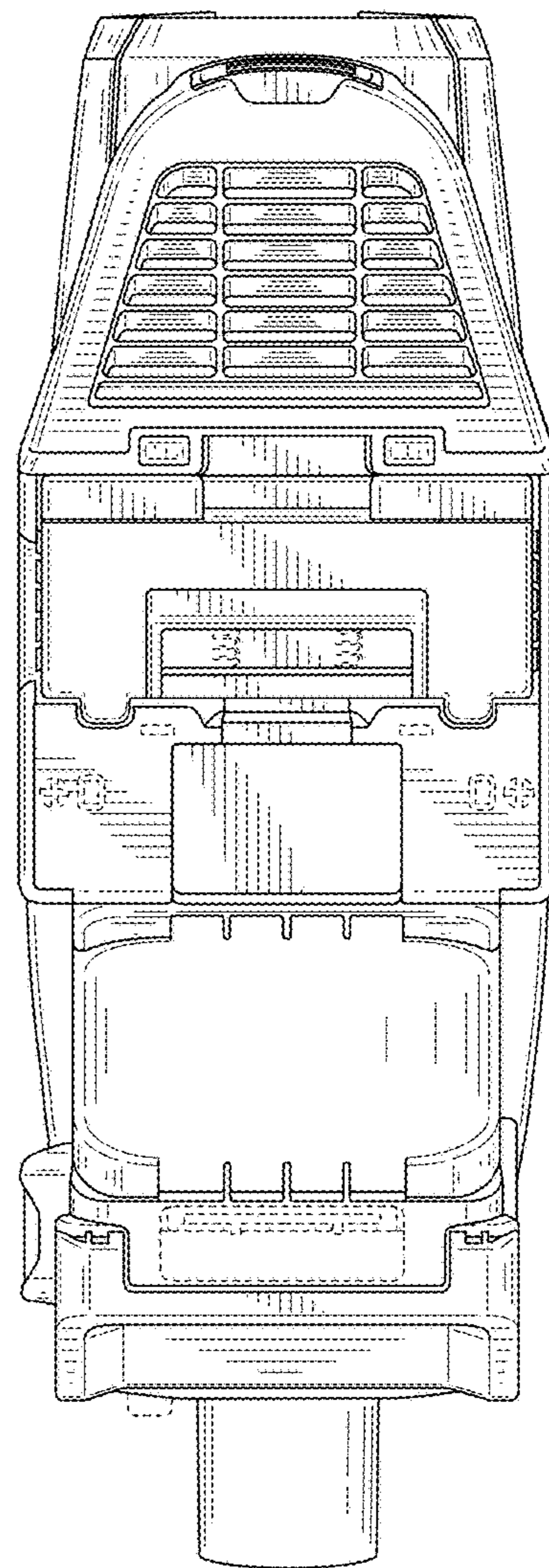


FIG. 5

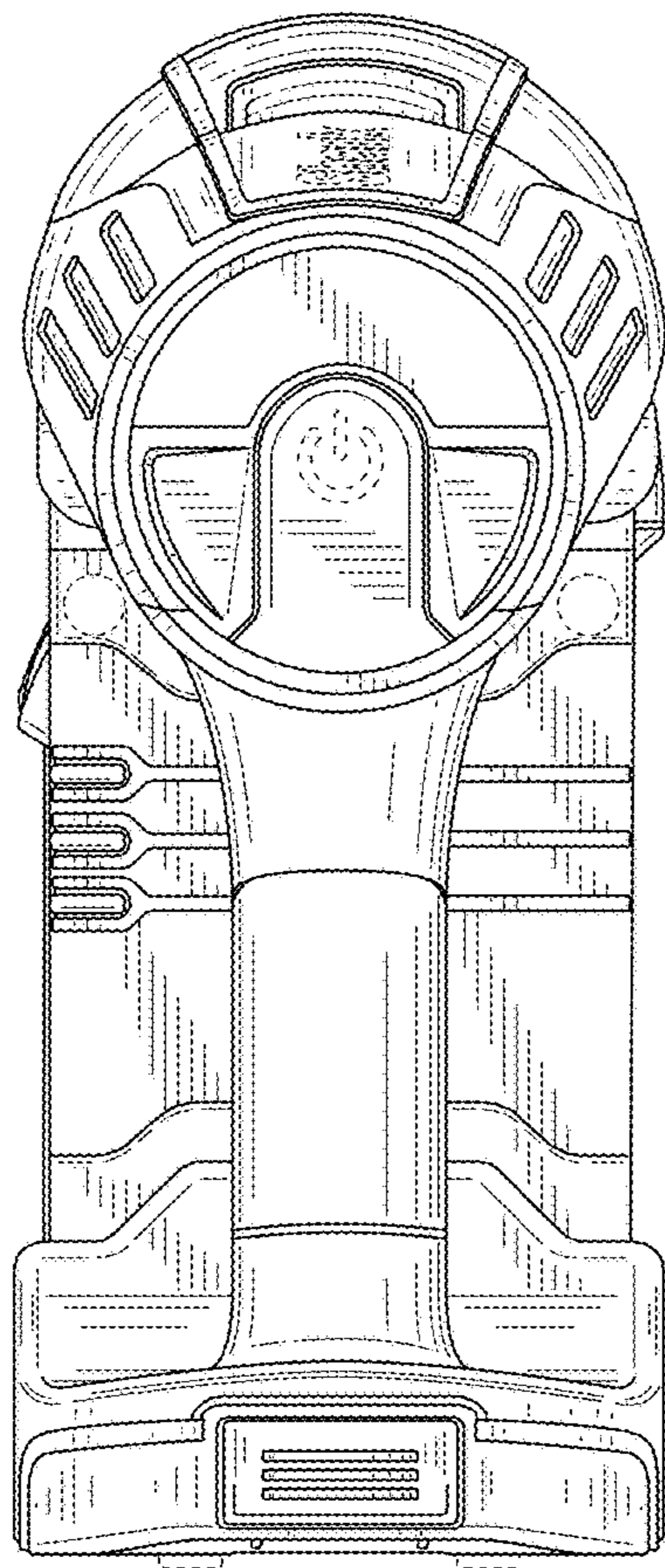


FIG. 6

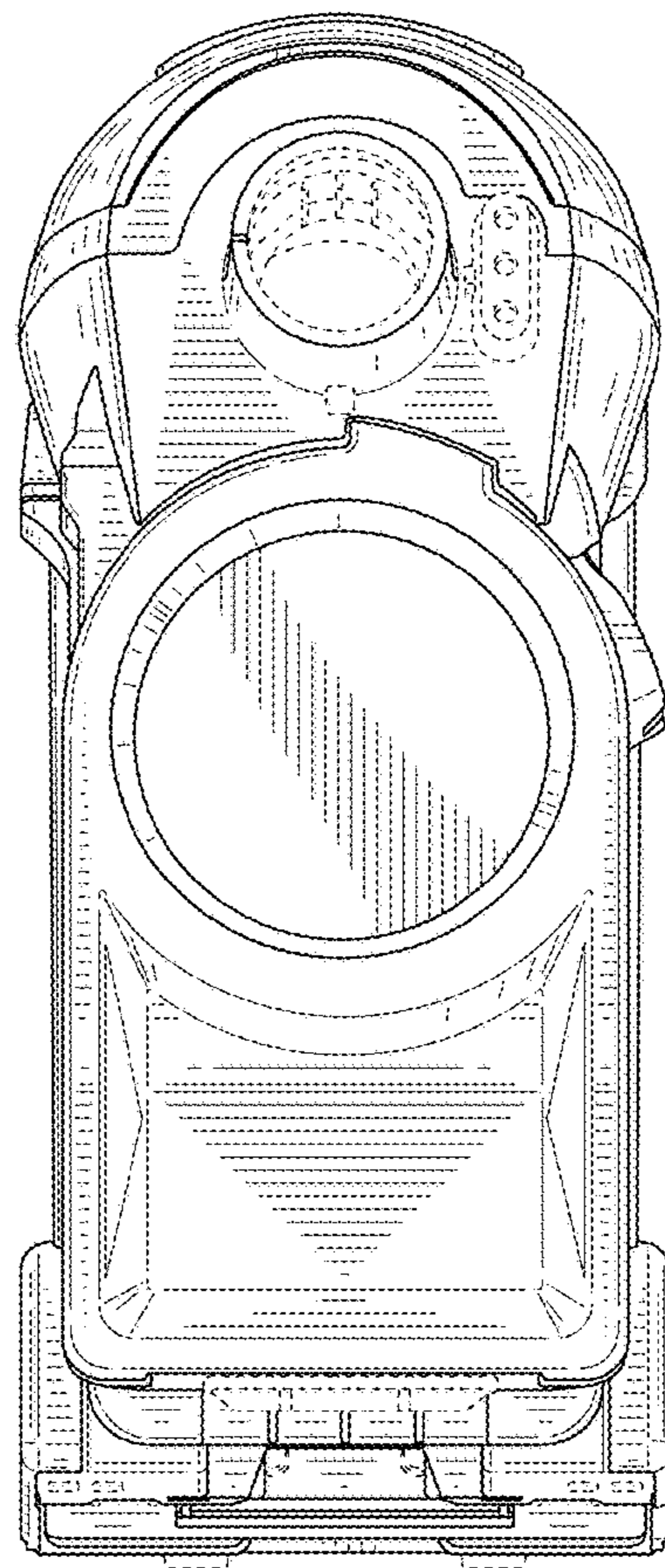


FIG. 7