



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

(10) **Patent No.:** **US D995,019 S**
(45) **Date of Patent:** **** Aug. 8, 2023**

(54) **VACUUM CLEANER**
(71) Applicant: **SHARKNINJA OPERATING LLC**,
Needham, MA (US)

7,003,846 B2 2/2006 Holtz
D543,325 S 5/2007 Burnham
D553,813 S * 10/2007 Parr D32/22
(Continued)

(72) Inventors: **Owen R. Johnson**, Needham, MA
(US); **Kevin Kelemen**, Needham, MA
(US)

FOREIGN PATENT DOCUMENTS

CA 2495053 10/2010
JP 1123785 S 10/2001

(73) Assignee: **SHARKNINJA OPERATING LLC**,
Needham, MA (US)

OTHER PUBLICATIONS

U.S. Appl. No. 29/726,897, filed Mar. 6, 2020, 11 pages.
(Continued)

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

(21) Appl. No.: **29/744,531**

Primary Examiner — Kimberly Barnes
(74) *Attorney, Agent, or Firm* — Grossman, Tucker,
Perreault & Pfleger, PLLC

(22) Filed: **Jul. 29, 2020**

(51) **LOC (14) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/22**

(58) **Field of Classification Search**
USPC D32/17, 18, 21, 22, 23, 24, 31, 32, 33,
D32/34

CPC A47L 11/20; A47L 11/34; A47L 11/40;
A47L 11/4016; A47L 5/24; A47L 5/28;
A47L 7/02

See application file for complete search history.

(57) **CLAIM**

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

DESCRIPTION

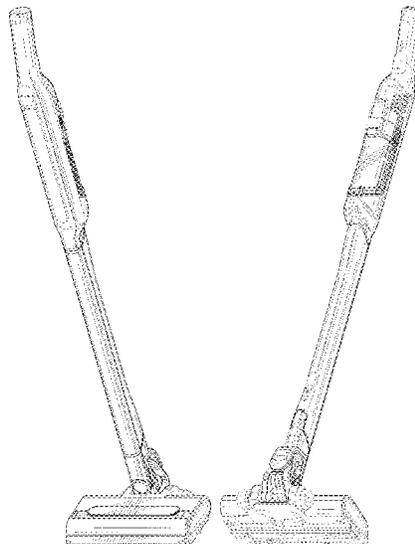
FIG. 1 is a front view of a vacuum cleaner showing our new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a left view thereof;
FIG. 6 is a right view thereof;
FIG. 7 is a perspective front, top, right view thereof;
FIG. 8 is perspective front, bottom, right view thereof;
FIG. 9 is perspective rear, top, left view thereof;
FIG. 10 is perspective rear, bottom, left view thereof;
FIG. 11 is perspective front, top, left view thereof;
FIG. 12 is perspective front, bottom, left view thereof;
FIG. 13 is perspective rear, top, right view thereof; and,
FIG. 14 is perspective rear, bottom, right view thereof.
The broken lines in the drawings depict portions of the vacuum cleaner that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D273,146 S 3/1984 Farr
D315,043 S 2/1991 Hayden
D333,023 S 2/1993 Herron
D334,447 S 3/1993 Rohn
5,224,237 A 7/1993 Ambrosiano
5,584,095 A 12/1996 Redding et al.
5,794,305 A 8/1998 Weger
D401,021 S 10/1998 Stephens et al.
6,055,703 A 5/2000 Redding et al.
D431,335 S 9/2000 Mehaffey et al.
D433,546 S * 11/2000 Milanese D32/17
D510,465 S 10/2005 Takahashi et al.

1 Claim, 11 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|------|---------|------------------|-------------|
| D565,266 | S | 3/2008 | Crevling et al. | |
| D565,816 | S * | 4/2008 | Agren | D32/22 |
| D569,059 | S | 5/2008 | Stratford | |
| D569,060 | S | 5/2008 | Stratford | |
| D573,759 | S | 7/2008 | Konno et al. | |
| D574,563 | S * | 8/2008 | Fjellman | D32/22 |
| D579,161 | S | 10/2008 | Crawley | |
| D580,116 | S | 11/2008 | Santiago et al. | |
| D582,111 | S * | 12/2008 | Agren | D32/22 |
| D587,870 | S | 3/2009 | Baek et al. | |
| 7,503,098 | B2 | 3/2009 | Stein | |
| 7,581,284 | B2 | 9/2009 | Courtney | |
| 7,581,285 | B2 | 9/2009 | Courtney | |
| 7,600,292 | B2 | 10/2009 | Courtney | |
| 7,610,653 | B2 | 11/2009 | Courtney | |
| D608,064 | S | 1/2010 | Conrad et al. | |
| D611,210 | S | 3/2010 | Conrad et al. | |
| D613,469 | S * | 4/2010 | Agren | D32/22 |
| D615,717 | S * | 5/2010 | Butts | D32/22 |
| 7,757,343 | B2 | 7/2010 | Courtney | |
| 7,805,804 | B2 | 10/2010 | Loebig | |
| 7,823,251 | B2 | 11/2010 | Dyson et al. | |
| 7,854,039 | B2 | 12/2010 | Lee et al. | |
| D633,264 | S | 2/2011 | Lee | |
| D641,114 | S | 7/2011 | Choi et al. | |
| D642,755 | S | 8/2011 | Fjellman | |
| D644,385 | S | 8/2011 | Hare et al. | |
| 8,032,983 | B2 | 10/2011 | Griffith et al. | |
| D659,314 | S * | 5/2012 | Raven | D32/31 |
| D659,923 | S | 5/2012 | Dyson | |
| D662,271 | S | 6/2012 | Conrad et al. | |
| D662,272 | S | 6/2012 | Conrad et al. | |
| D664,314 | S * | 7/2012 | Li | D32/17 |
| D670,056 | S | 10/2012 | Ventress et al. | |
| D680,286 | S * | 4/2013 | Gray | D32/22 |
| D680,288 | S | 4/2013 | Bilger et al. | |
| D681,894 | S | 5/2013 | Wu | |
| D684,326 | S | 6/2013 | Okabe et al. | |
| D685,961 | S | 7/2013 | Bilger et al. | |
| D686,377 | S | 7/2013 | Thorne | |
| 8,533,907 | B2 | 9/2013 | Eccardt | |
| D693,975 | S | 11/2013 | Santiago et al. | |
| D695,980 | S | 12/2013 | Thorne | |
| D696,825 | S | 12/2013 | Sweeney et al. | |
| 8,661,608 | B2 | 3/2014 | Knopow | |
| 8,918,947 | B2 | 12/2014 | Schwartz | |
| D728,176 | S * | 4/2015 | Yu | D32/22 |
| D743,124 | S * | 11/2015 | Gray | D32/22 |
| D762,932 | S | 8/2016 | Ventress | |
| D764,125 | S | 8/2016 | Palladino et al. | |
| D779,753 | S | 2/2017 | Mikula | |
| D781,513 | S * | 3/2017 | Fudetani | D32/22 |
| D784,635 | S * | 4/2017 | Xiao | D32/22 |
| 9,622,630 | B2 * | 4/2017 | Faremo | A47L 5/28 |
| D789,634 | S | 6/2017 | Witter | |
| D792,668 | S * | 7/2017 | Yoon | D32/22 |
| D796,129 | S * | 8/2017 | Jang | D32/22 |
| D796,133 | S | 8/2017 | Larouche | |
| D796,135 | S | 8/2017 | Yoon | |
| D796,756 | S * | 9/2017 | Niedzwecki | D32/22 |
| D804,117 | S * | 11/2017 | Kim | D32/22 |
| D805,267 | S | 12/2017 | Maune | |
| D809,228 | S * | 1/2018 | Lee | D32/22 |
| D812,327 | S | 3/2018 | Houghton | |
| D844,266 | S | 3/2019 | Wang | |
| D854,767 | S | 7/2019 | Bond | |
| D861,268 | S * | 9/2019 | Meyer | D32/22 |
| D873,516 | S | 1/2020 | Palladino et al. | |
| D875,335 | S * | 2/2020 | Sagkob | D32/22 |
| D875,338 | S * | 2/2020 | Gale | D32/32 |
| D897,949 | S | 10/2020 | Pearce et al. | |
| D930,927 | S * | 9/2021 | Smith | D32/22 |
| D931,805 | S | 9/2021 | Palladino et al. | |
| D937,514 | S * | 11/2021 | Zou | D32/18 |
| D938,675 | S * | 12/2021 | Burgess | D32/18 |
| D943,848 | S * | 2/2022 | Liu | D32/18 |
| D944,194 | S | 2/2022 | Palladino et al. | |
| D948,817 | S * | 4/2022 | Zou | D32/22 |
| D963,268 | S * | 9/2022 | Zheng | D32/18 |
| D965,239 | S * | 9/2022 | Chen | D32/18 |
| D967,573 | S * | 10/2022 | Jiang | D32/18 |
| D971,533 | S * | 11/2022 | Thompson | D32/18 |
| 2009/0056058 | A1 | 3/2009 | Finke et al. | |
| 2009/0056059 | A1 | 3/2009 | Mersmann et al. | |
| 2009/0056061 | A1 | 3/2009 | Andrup et al. | |
| 2011/0107553 | A1 | 5/2011 | Myers | |
| 2011/0219581 | A1 | 9/2011 | Vines et al. | |
| 2014/0237754 | A1 | 8/2014 | Conrad | |
| 2014/0237762 | A1 | 8/2014 | Conrad | |
| 2014/0259519 | A1 | 9/2014 | Conrad et al. | |
| 2020/0281429 | A1 * | 9/2020 | Cho | A47L 9/2884 |
| 2021/0315428 | A1 * | 10/2021 | Udy | A47L 5/225 |

OTHER PUBLICATIONS

Chinese Patent Application No. 201430561404.9 filed Dec. 30, 2014.

U.S. Appl. No. 29/744,528, filed Jul. 29, 2020, 45 pages.

U.S. Appl. No. 29/744,648, filed Jul. 30, 2020, 156 pages.

U.S. Appl. No. 29/744,533, filed Jul. 29, 2020, 43 pages.

U.S. Appl. No. 29/804,380, filed Aug. 19, 2021, 19 pages.

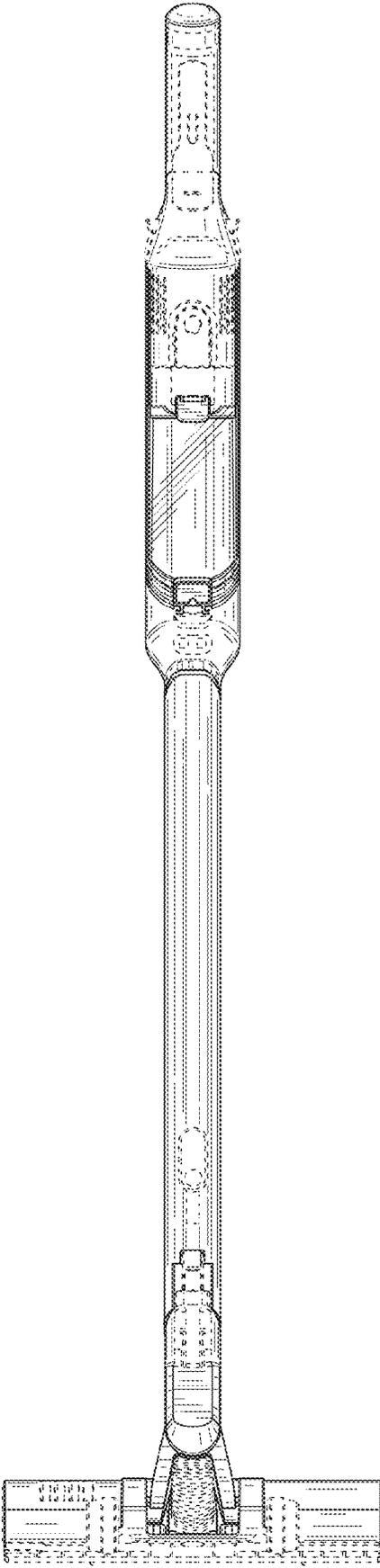
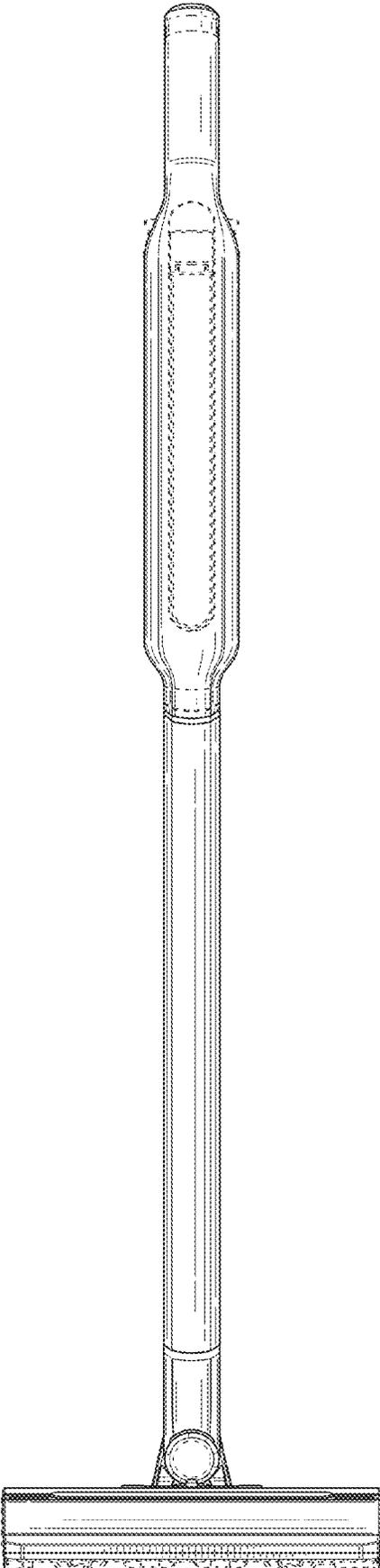
U.S. Appl. No. 29/841,522, filed Jun. 7, 2022, 35 pages.

U.S. Appl. No. 29/803,616, filed Aug. 13, 2021, 34 pages.

U.S. Appl. No. 29/803,621, filed Aug. 13, 2021, 78 pages.

Toshiba Corporation., Ltd., Catalog, No. 01-1, 2001 (Publicly known document No. HC13000398 of JPO Design Division) (English translation: not available), listed in JP Notice of References, received with JP Allowance dated May 15, 2018, 3 pgs.

* cited by examiner



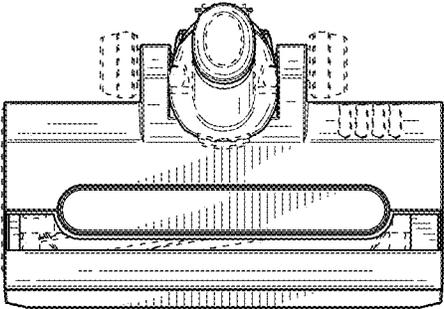


FIG. 3

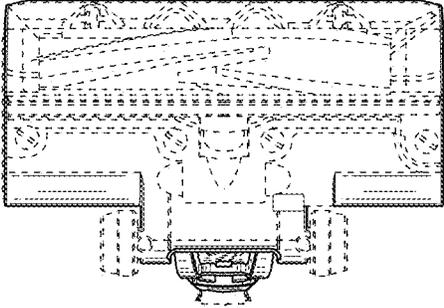


FIG. 4

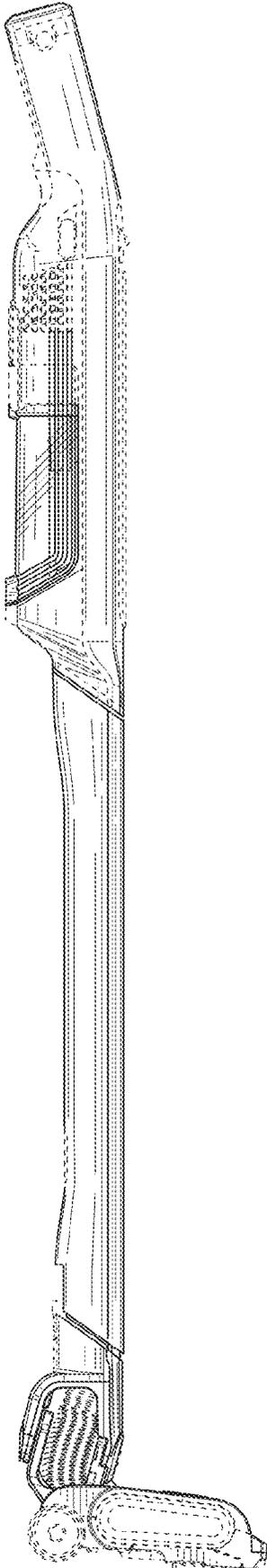


FIG. 5

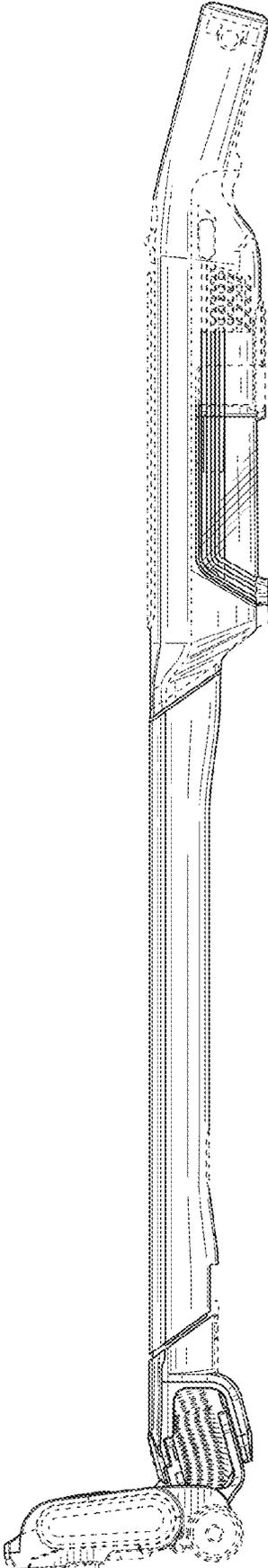


FIG. 6

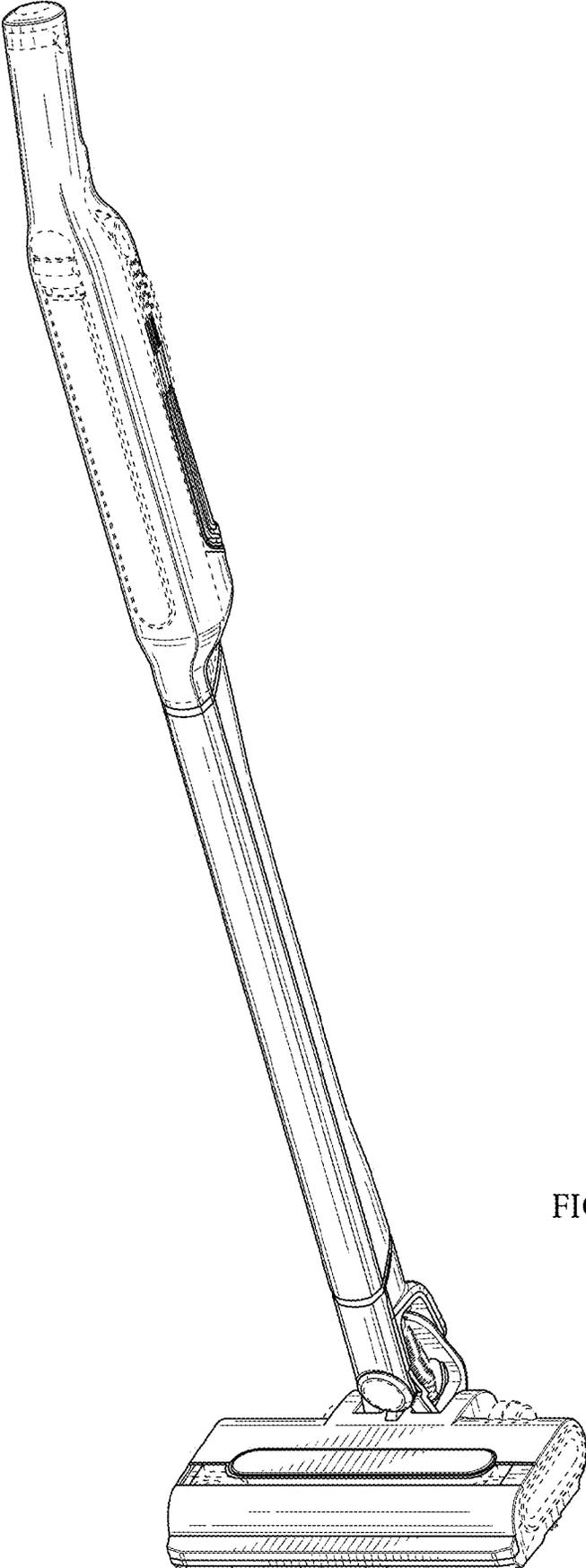


FIG. 7

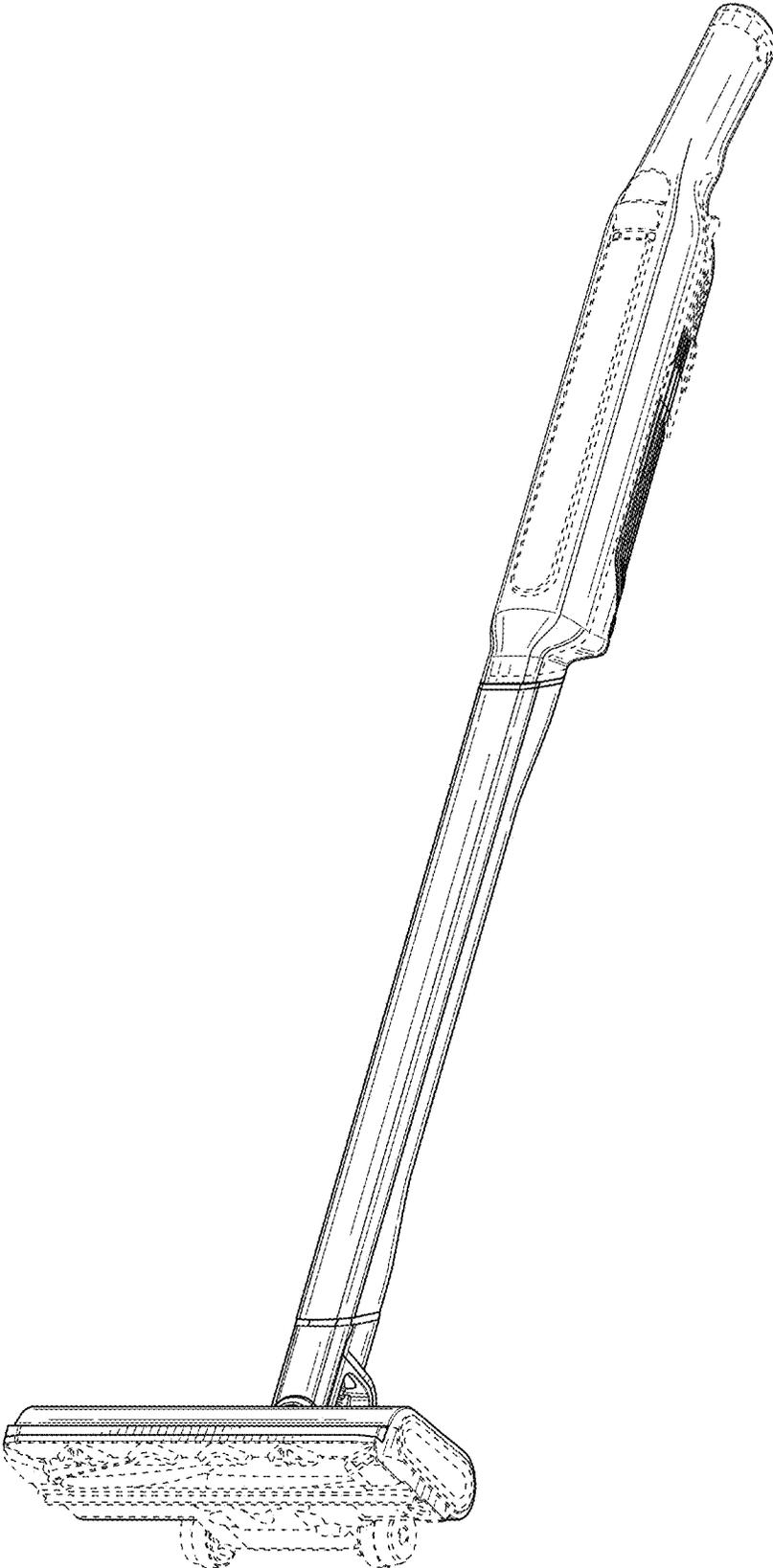


FIG. 8

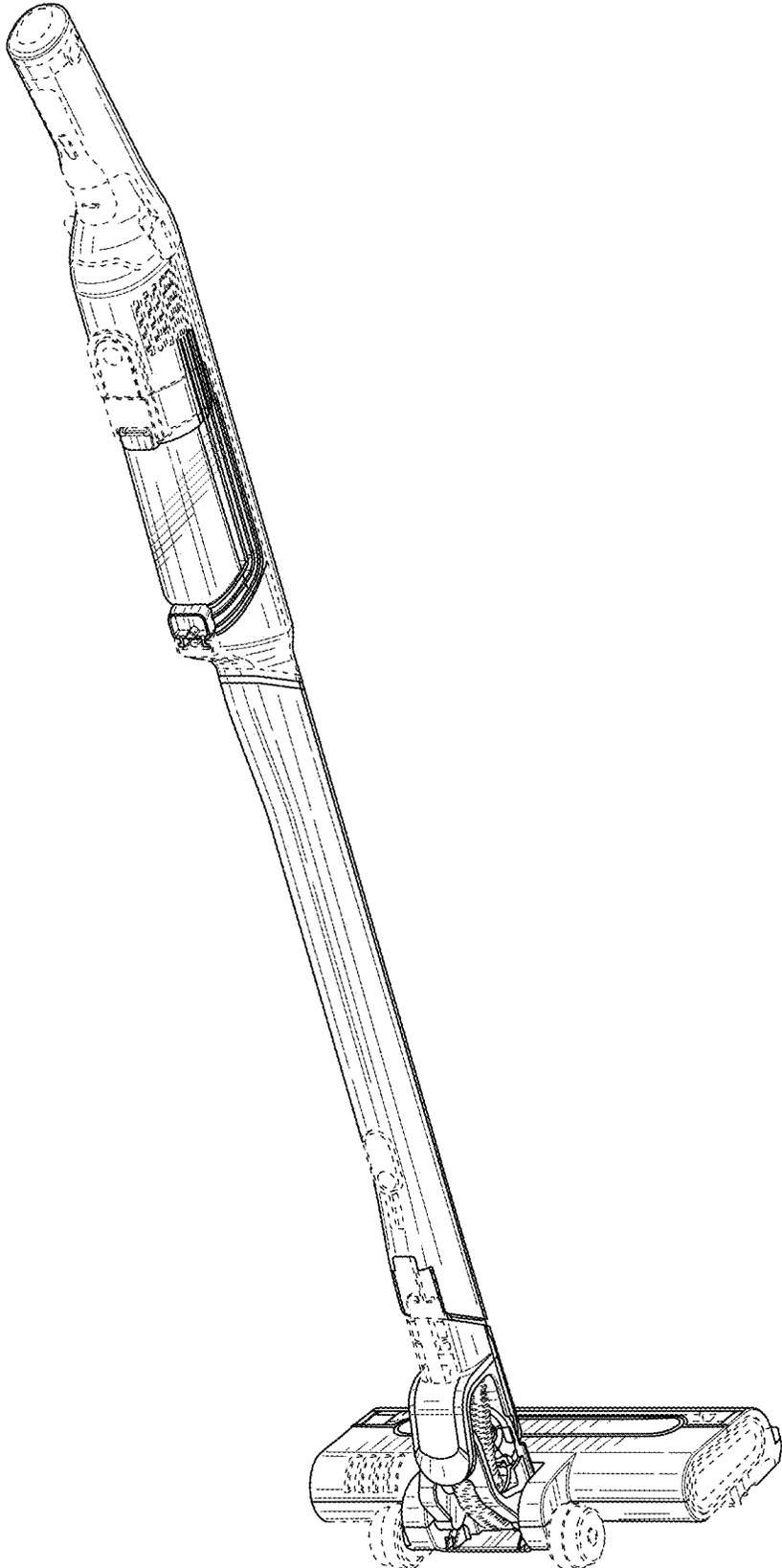


FIG. 9

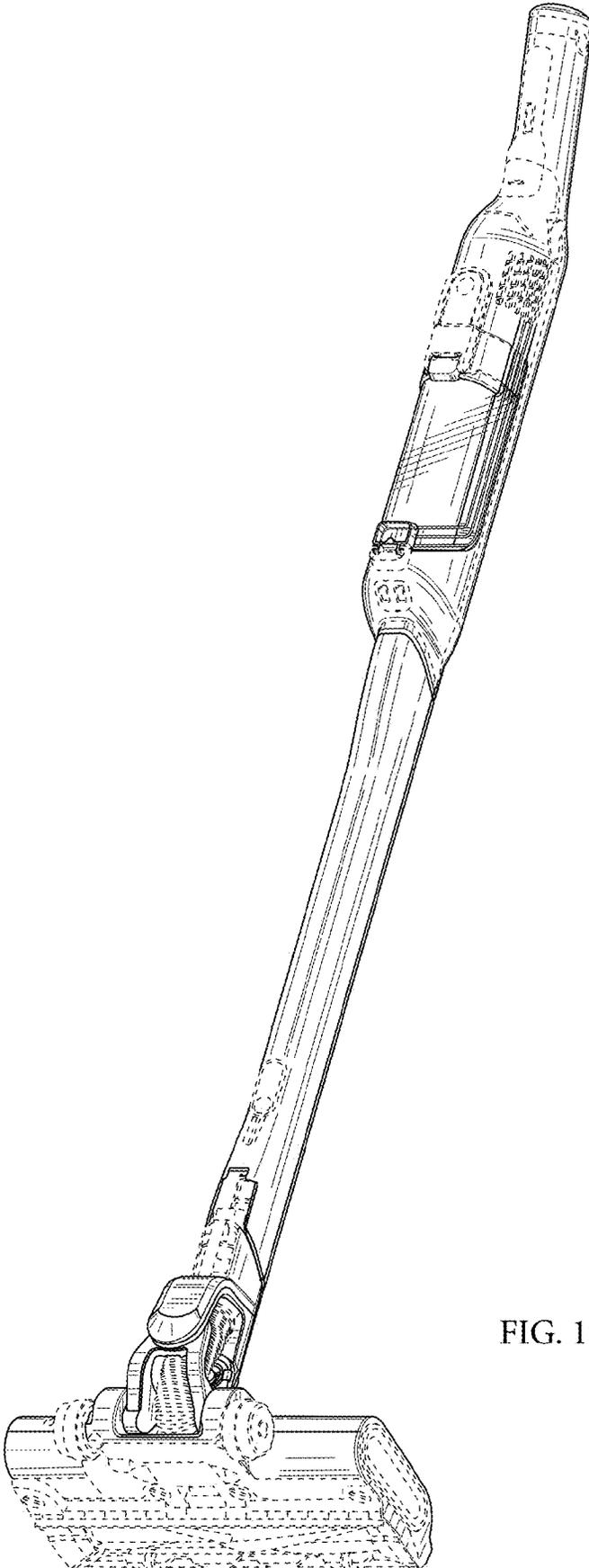


FIG. 10

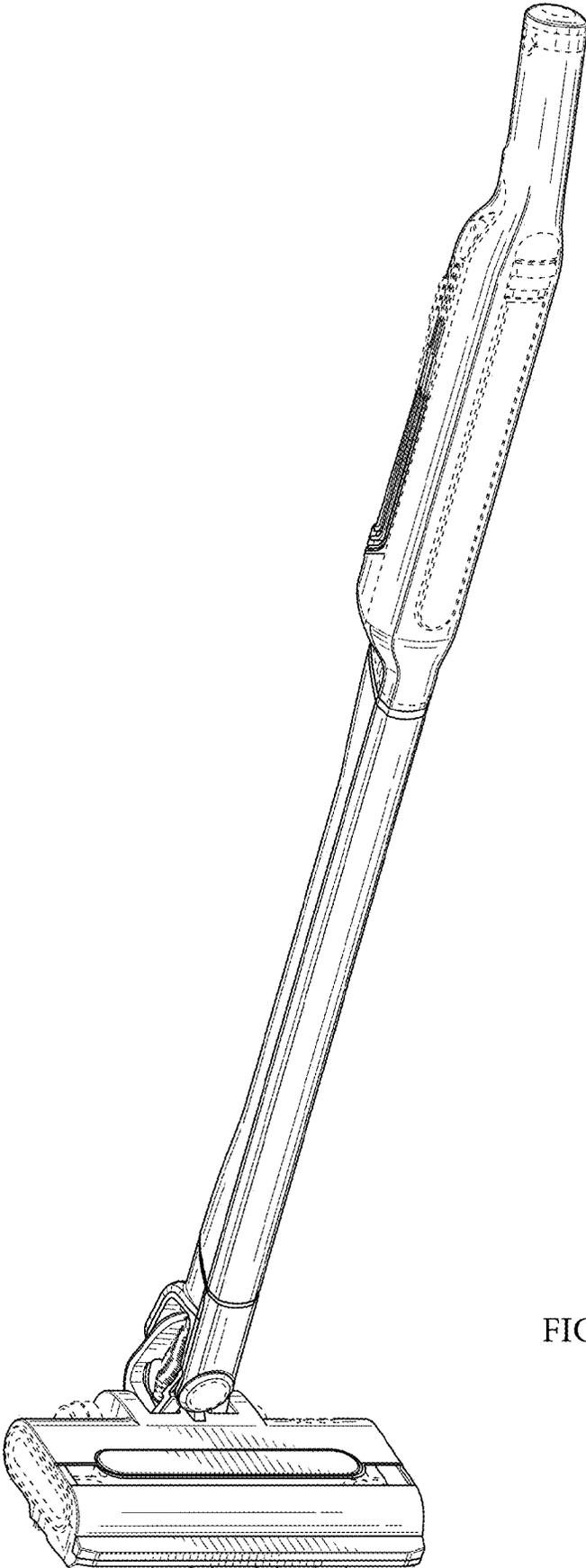


FIG. 11

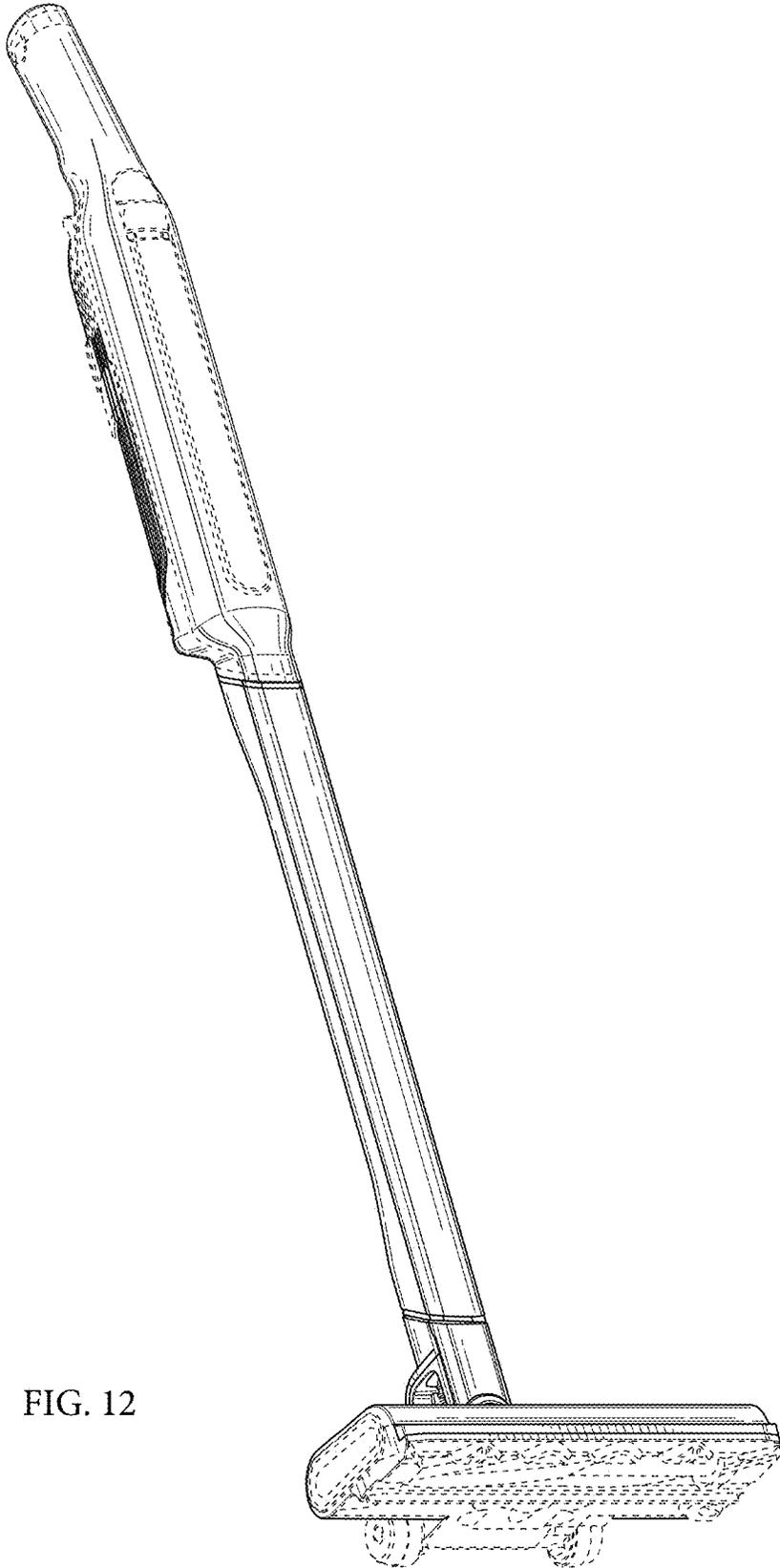


FIG. 12

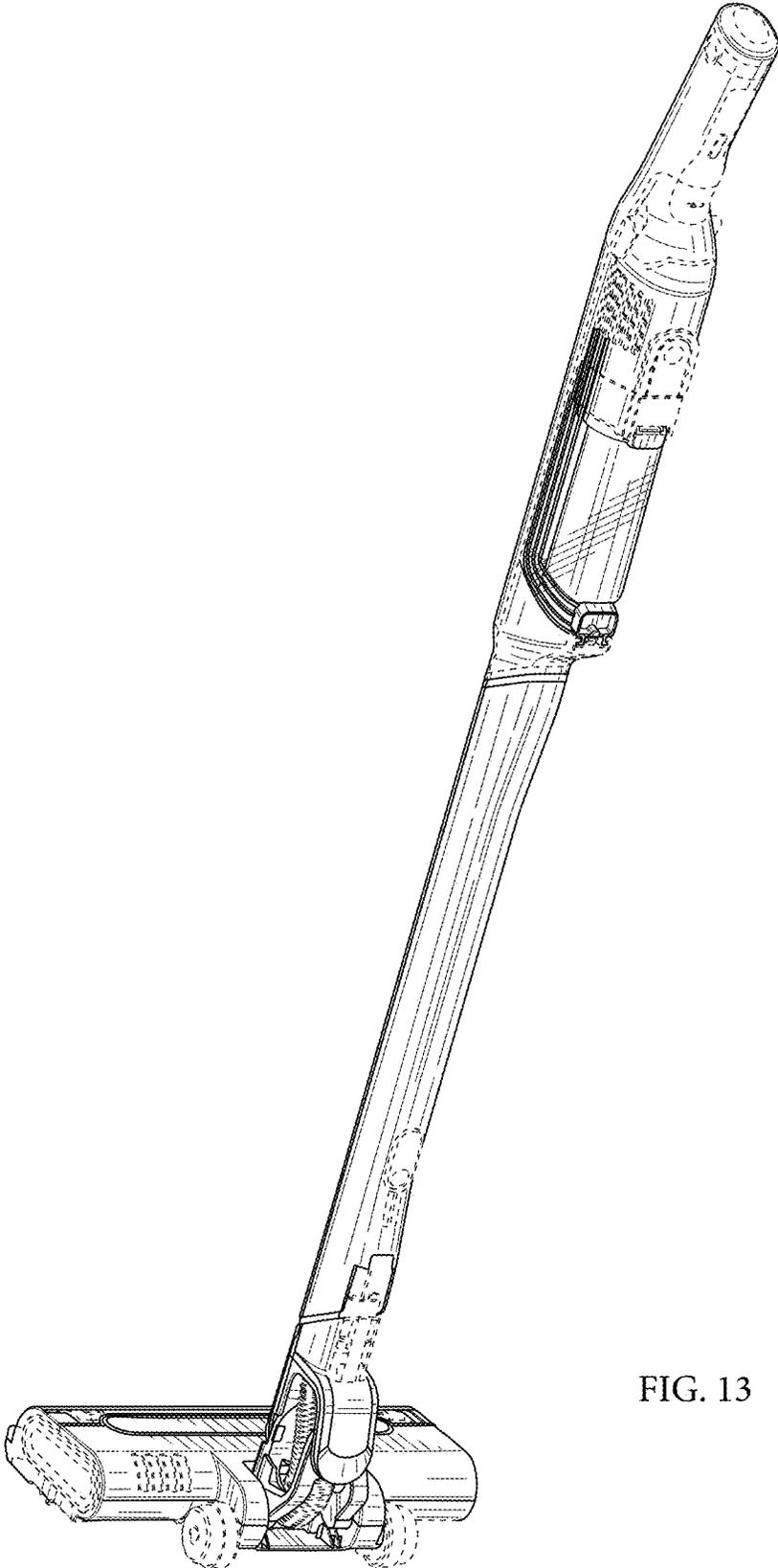


FIG. 13

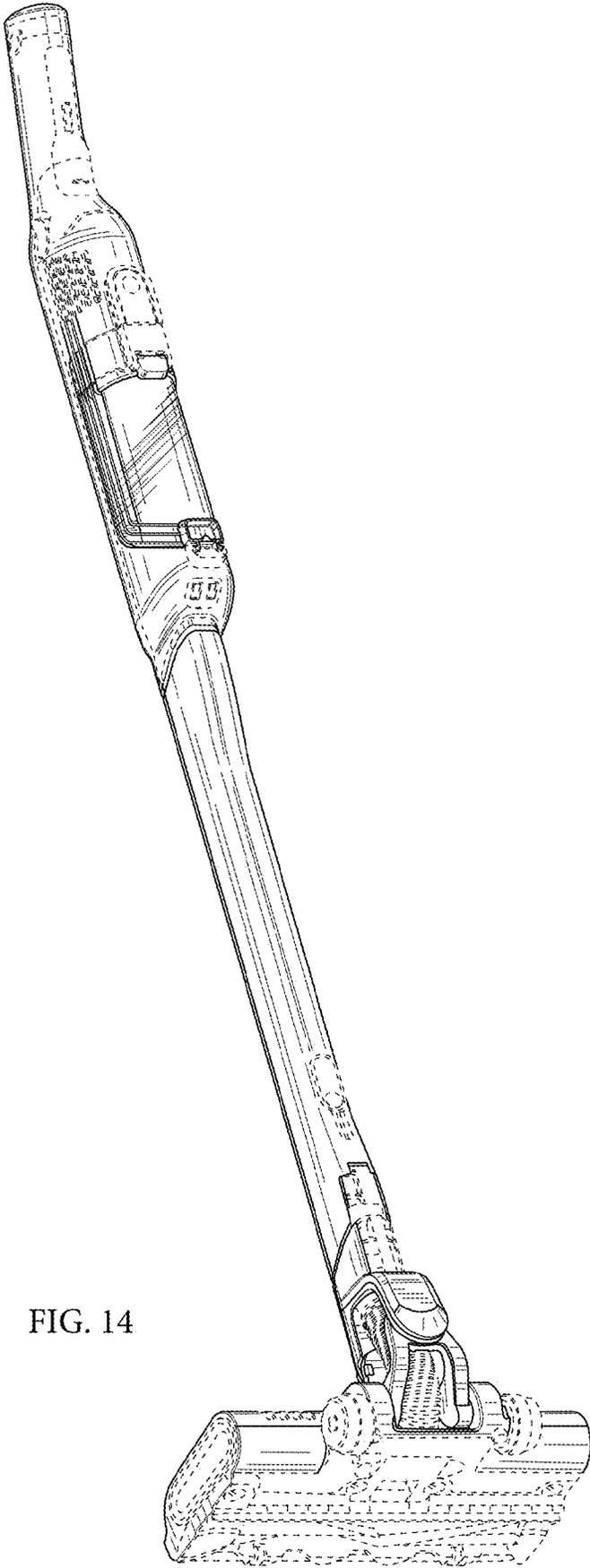


FIG. 14