



US00D979250S

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

(10) **Patent No.:** **US D979,250 S**

(45) **Date of Patent:** **\*\* Feb. 28, 2023**

- (54) **ELECTRIC SPIN SCRUBBER**
- (71) Applicant: **Weizhi Wang**, Guangdong (CN)
- (72) Inventor: **Weizhi Wang**, Guangdong (CN)
- (\*\*) Term: **15 Years**

|              |        |         |       |        |
|--------------|--------|---------|-------|--------|
| D750,893 S * | 3/2016 | Owen    | ..... | D4/100 |
| D764,126 S * | 8/2016 | Poon    | ..... | D32/35 |
| D825,190 S   | 8/2018 | Hu      |       |        |
| D836,918 S   | 1/2019 | Exley   |       |        |
| D838,494 S * | 1/2019 | Fischer | ..... | D4/133 |

(Continued)

- (21) Appl. No.: **29/850,334**
- (22) Filed: **Aug. 18, 2022**
- (51) **LOC (14) Cl.** ..... **07-05**
- (52) **U.S. Cl.**  
USPC ..... **D4/102**; D32/17; D32/35
- (58) **Field of Classification Search**  
USPC ..... D32/17-19, 35, 40, 45, 49, 50, 51, 52;  
D4/100, 102, 104, 114, 115, 116, 118,  
D4/120, 127, 128, 130, 132, 133, 137,  
D4/138, 199; D8/61; D23/223  
CPC .... A47L 11/14; A47L 11/282; A47L 11/4036;  
H01L 21/67046; H01L 21/67178  
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

CA 176729 \* 10/2018

OTHER PUBLICATIONS

Raxjult Electric Spin Scrubber, available in Amazon.com, date first available Jun. 22, 2022 [online], [site visited Oct. 5, 2022], Available From the internet URL: [https://www.amazon.com/Electric-Scrubber-Replaceable-Adjustable-Extension/dp/B0B4RQXYDC/ref=asc\\_df\\_B0B4RQXYDC/](https://www.amazon.com/Electric-Scrubber-Replaceable-Adjustable-Extension/dp/B0B4RQXYDC/ref=asc_df_B0B4RQXYDC/) (Year: 2022).\*

*Primary Examiner* — Jennifer Rivard  
*Assistant Examiner* — Jennylou M Binas

(57) **CLAIM**

The ornamental design for an electric spin scrubber, as shown and described.

(56) **References Cited**

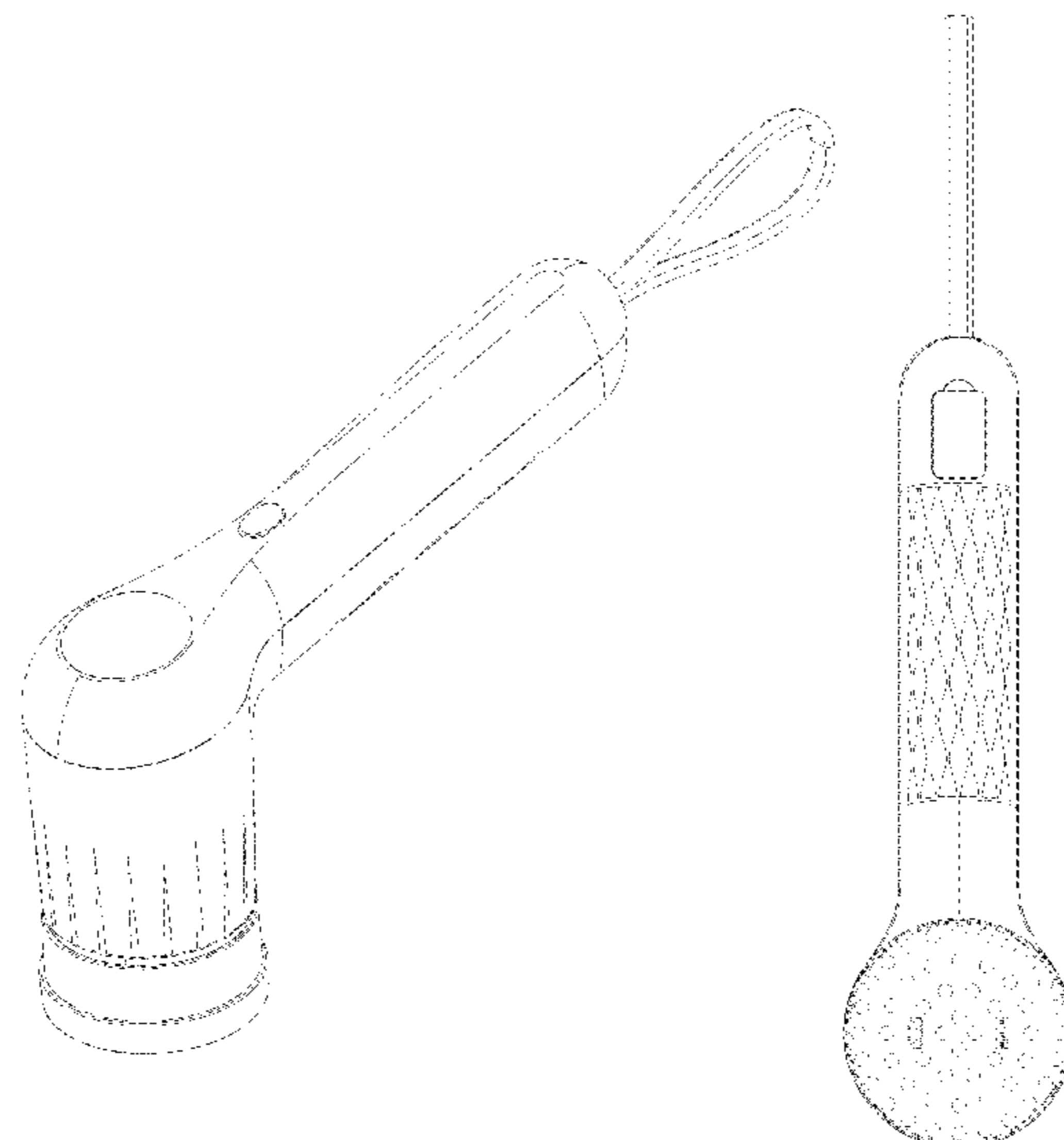
U.S. PATENT DOCUMENTS

|               |         |                 |       |                        |
|---------------|---------|-----------------|-------|------------------------|
| 2,778,043 A * | 1/1957  | Arf             | ..... | A47L 23/06<br>15/207.2 |
| D197,458 S *  | 2/1964  | Bucknell et al. | ..... | D4/115                 |
| D200,092 S *  | 1/1965  | Polatchek       | ..... | D32/18                 |
| D200,293 S *  | 2/1965  | Polatchek       | ..... | D4/102                 |
| D226,043 S *  | 1/1973  | Wolff           | ..... | D24/214                |
| D241,546 S *  | 9/1976  | Rizzuto         | ..... | D23/223                |
| D262,257 S *  | 12/1981 | Sohn            | ..... | D4/102                 |
| D281,035 S *  | 10/1985 | Herzfeld        | ..... | D4/102                 |
| D288,892 S *  | 3/1987  | Osit            | ..... | D7/412                 |
| D354,592 S *  | 1/1995  | Powers          | ..... | D32/18                 |
| D368,343 S *  | 3/1996  | Gebhard         | ..... | D4/138                 |
| D409,335 S *  | 5/1999  | Slater          | ..... | D4/102                 |
| D501,971 S *  | 2/2005  | Treacy          | ..... | D4/137                 |
| D588,816 S *  | 3/2009  | Hughes, IV      | ..... | D4/127                 |
| D605,821 S *  | 12/2009 | Shaanan         | ..... | D32/45                 |
| D612,612 S *  | 3/2010  | Harris          | ..... | D4/127                 |
| D646,487 S *  | 10/2011 | Leppla          | ..... | D4/127                 |
| D693,932 S *  | 11/2013 | Nichols         | ..... | D4/138                 |

**DESCRIPTION**

FIG. 1 is a perspective view of an electric spin scrubber design showing my new design.  
FIG. 2 is a top view of an electric spin scrubber.  
FIG. 3 is a bottom view of an electric spin scrubber.  
FIG. 4 is a left side view of an electric spin scrubber.  
FIG. 5 is a right side view of an electric spin scrubber.  
FIG. 6 is a front view of an electric spin scrubber.  
FIG. 7 is a rear view of an electric spin scrubber; and,  
FIG. 8 is an exploded perspective view of the electric spin scrubber showing an alternative head.  
The broken lines shown in the drawings are for the purpose of illustrating portions of the electric spin scrubber that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

|            |   |         |               |        |
|------------|---|---------|---------------|--------|
| D862,817 S | * | 10/2019 | Baxter .....  | D32/34 |
| D866,189 S |   | 11/2019 | Baxter et al. |        |
| D869,850 S | * | 12/2019 | Luo .....     | D28/63 |
| D884,356 S | * | 5/2020  | Jung .....    | D28/9  |
| D908,365 S |   | 1/2021  | Liang         |        |
| D927,195 S |   | 8/2021  | Wei           |        |
| D931,616 S |   | 9/2021  | Peng          |        |
| D932,778 S |   | 10/2021 | Jing          |        |
| D939,215 S |   | 12/2021 | He            |        |
| D940,312 S |   | 1/2022  | Heine et al.  |        |
| D946,837 S | * | 3/2022  | Zou .....     | D32/17 |
| D955,196 S |   | 6/2022  | Zhu           |        |
| D961,866 S | * | 8/2022  | Bae .....     | D32/17 |

\* cited by examiner

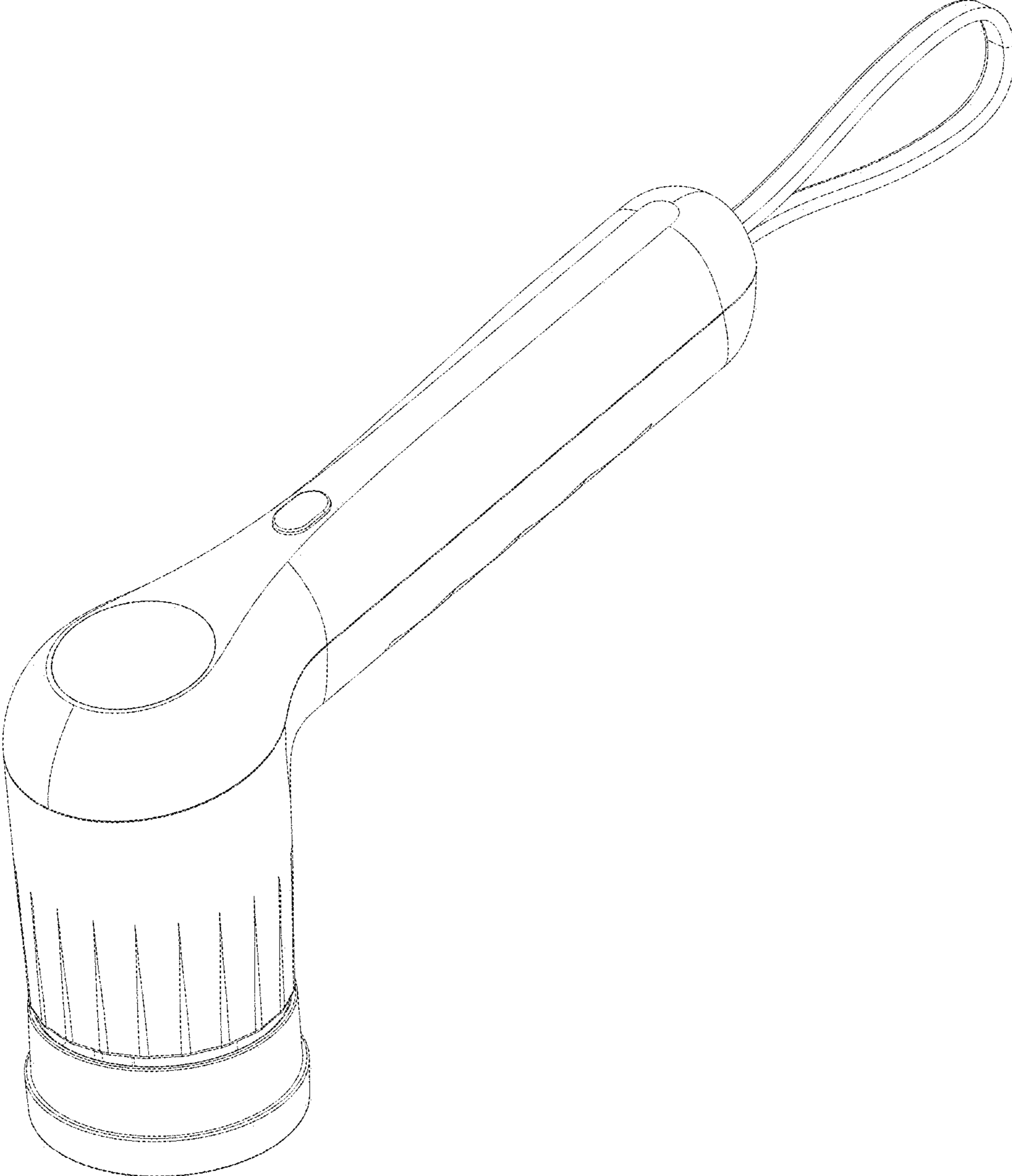


FIG. 1

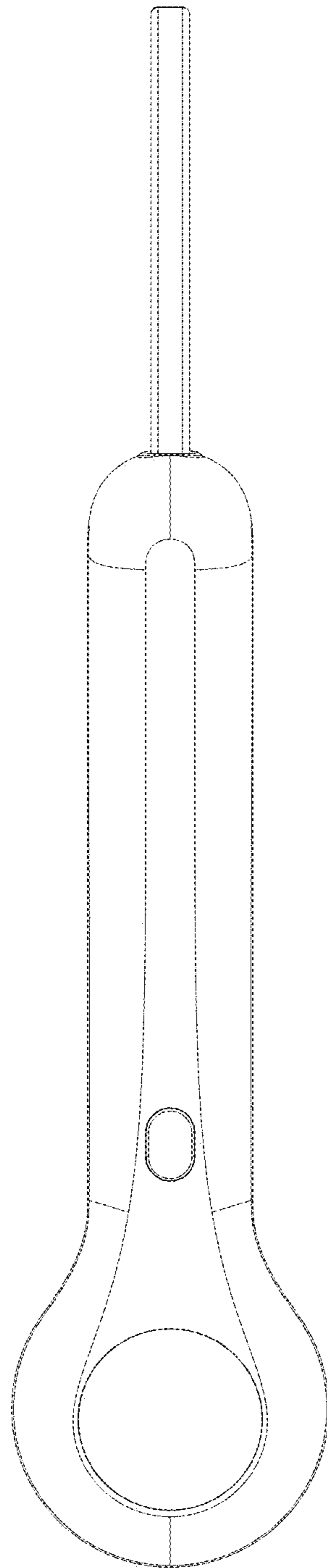


FIG.2

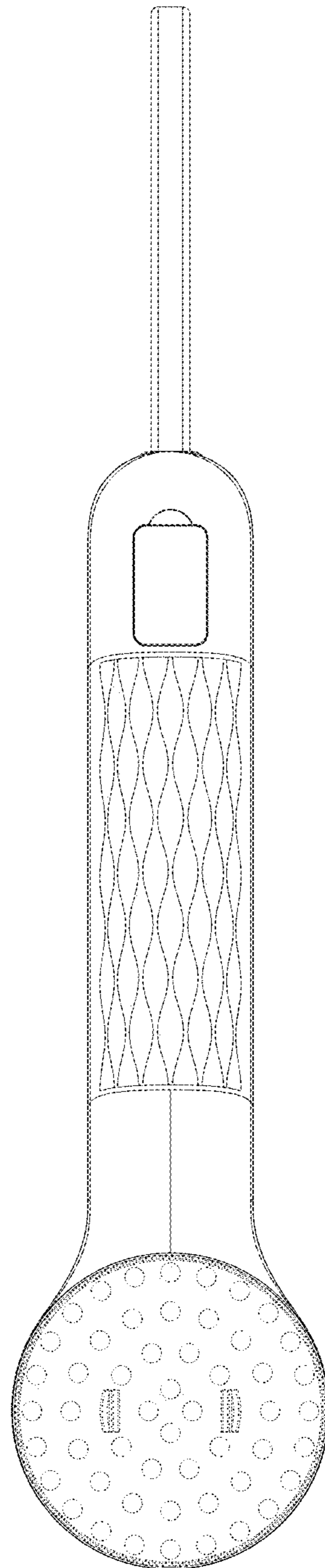


FIG. 3

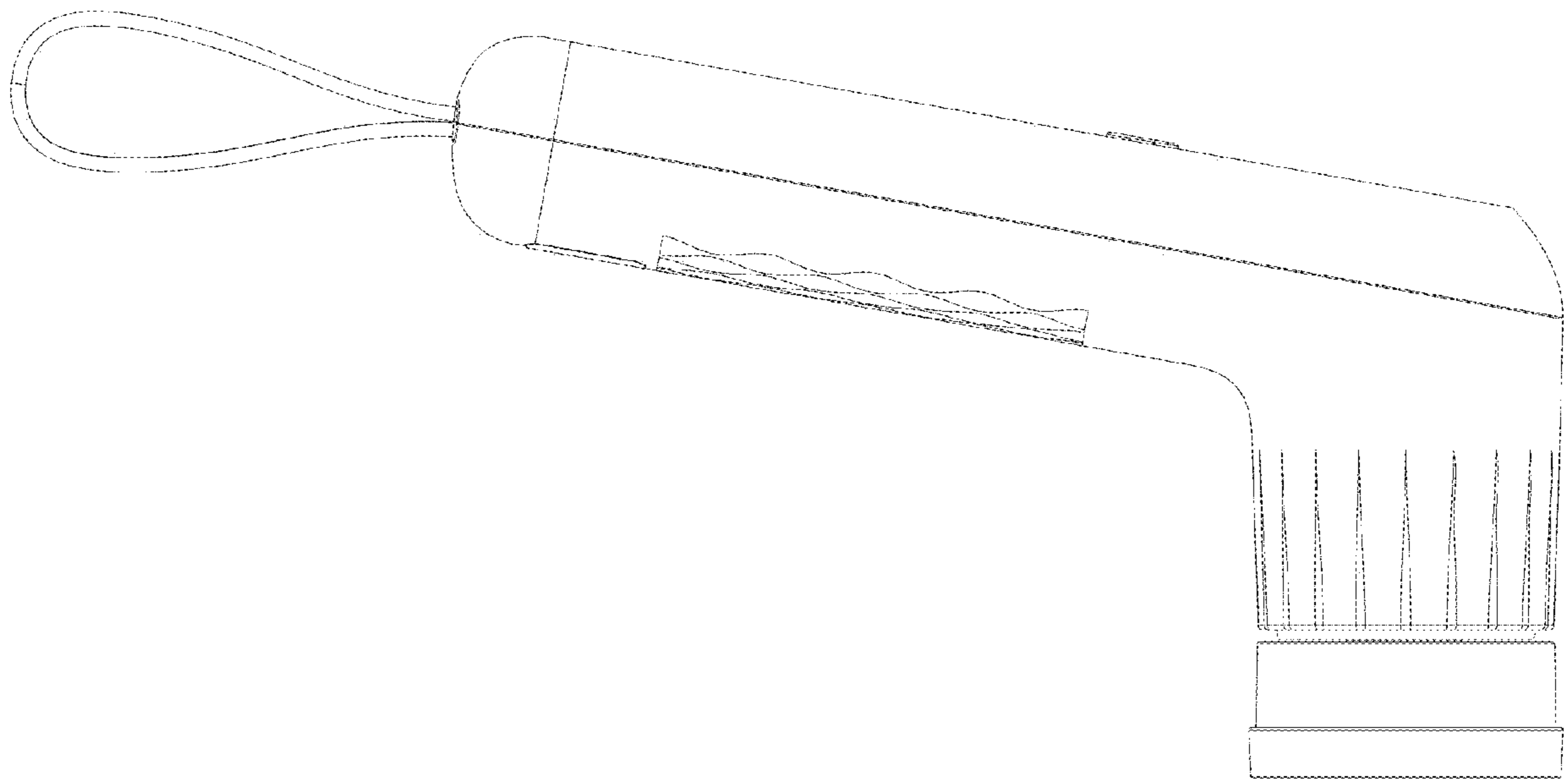


FIG.4

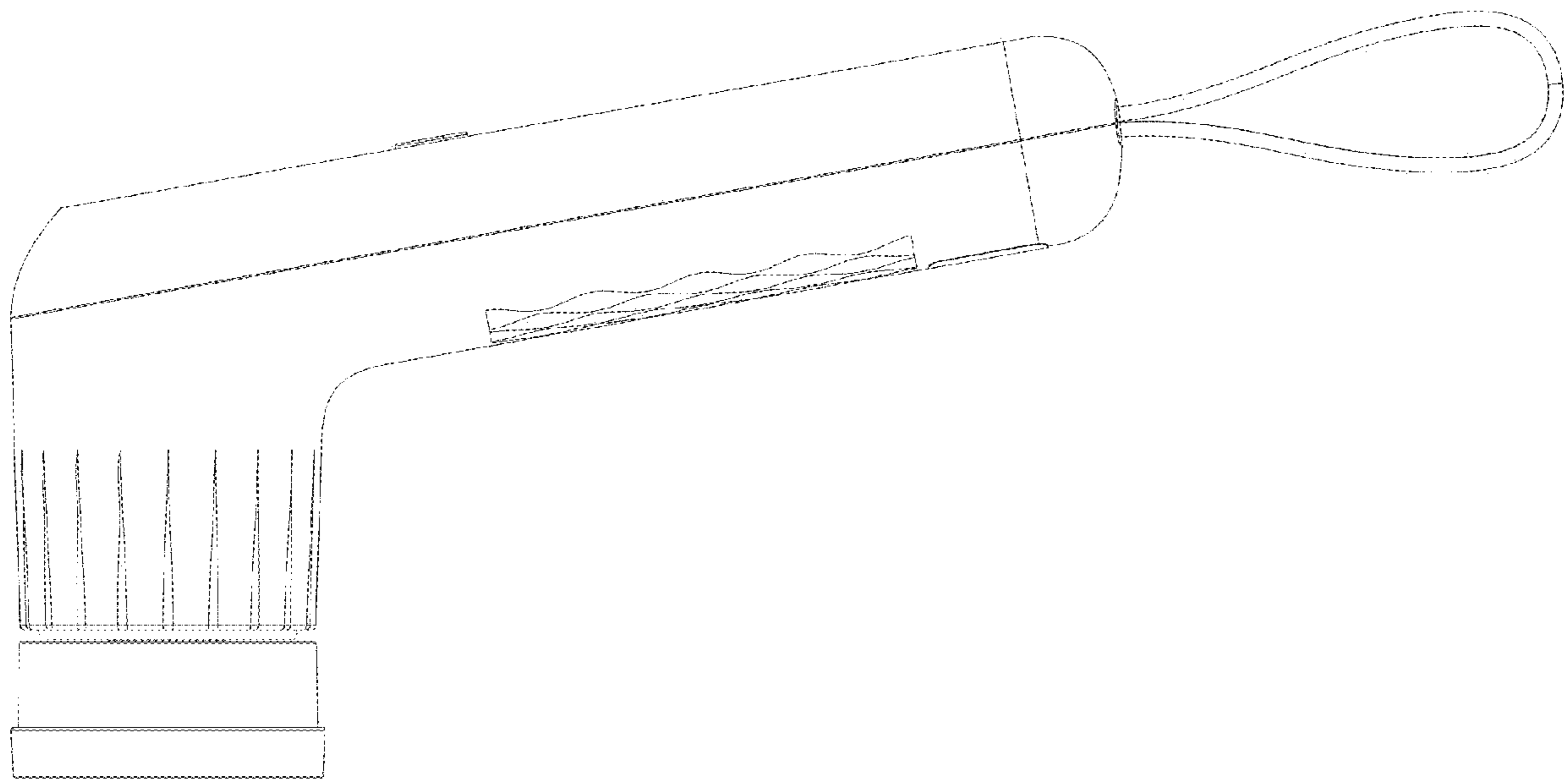


FIG.5



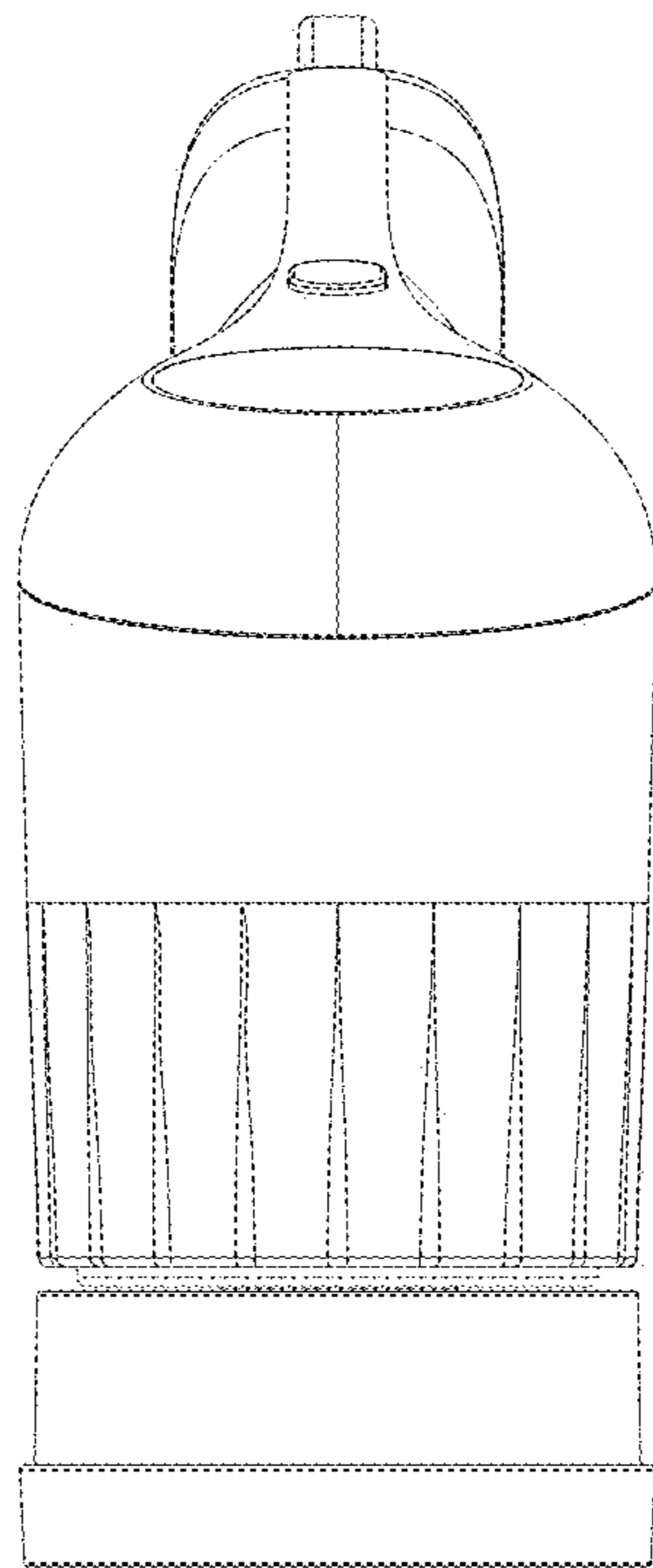


FIG. 6



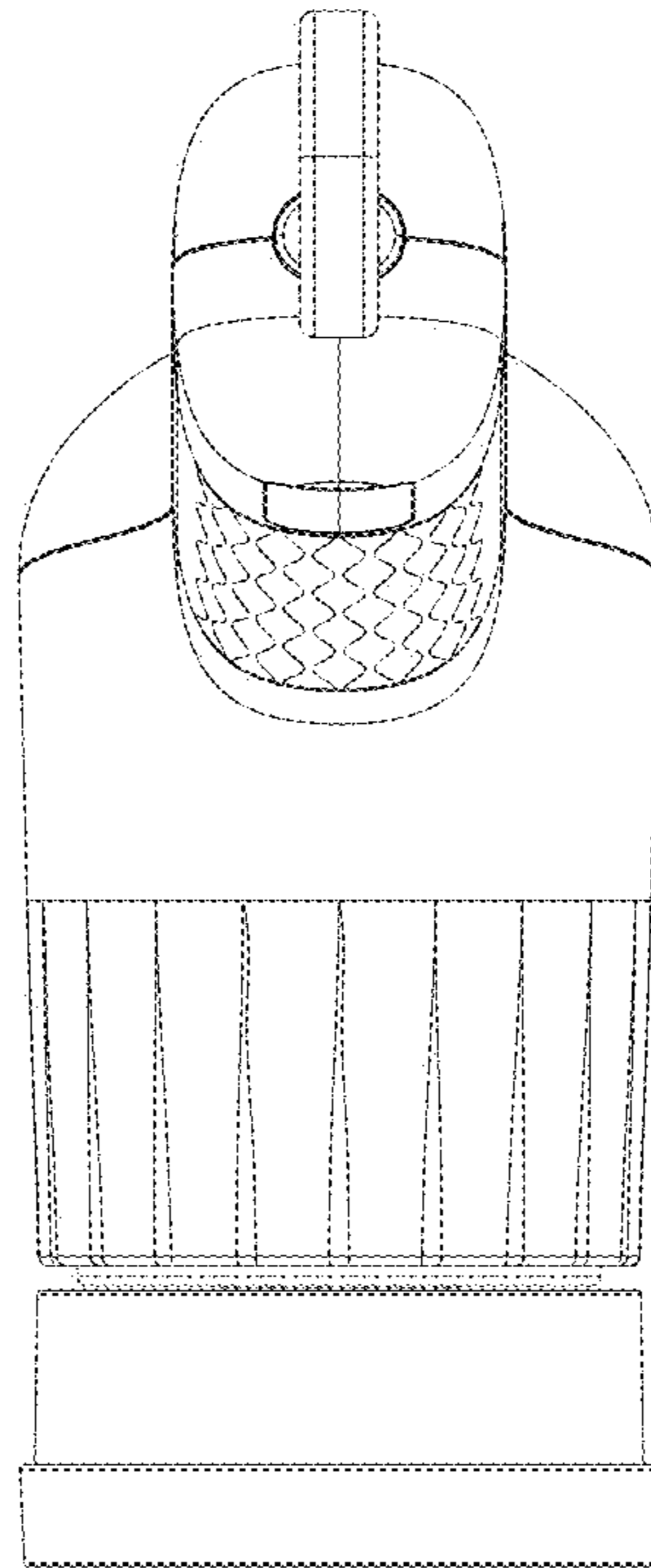


FIG. 7

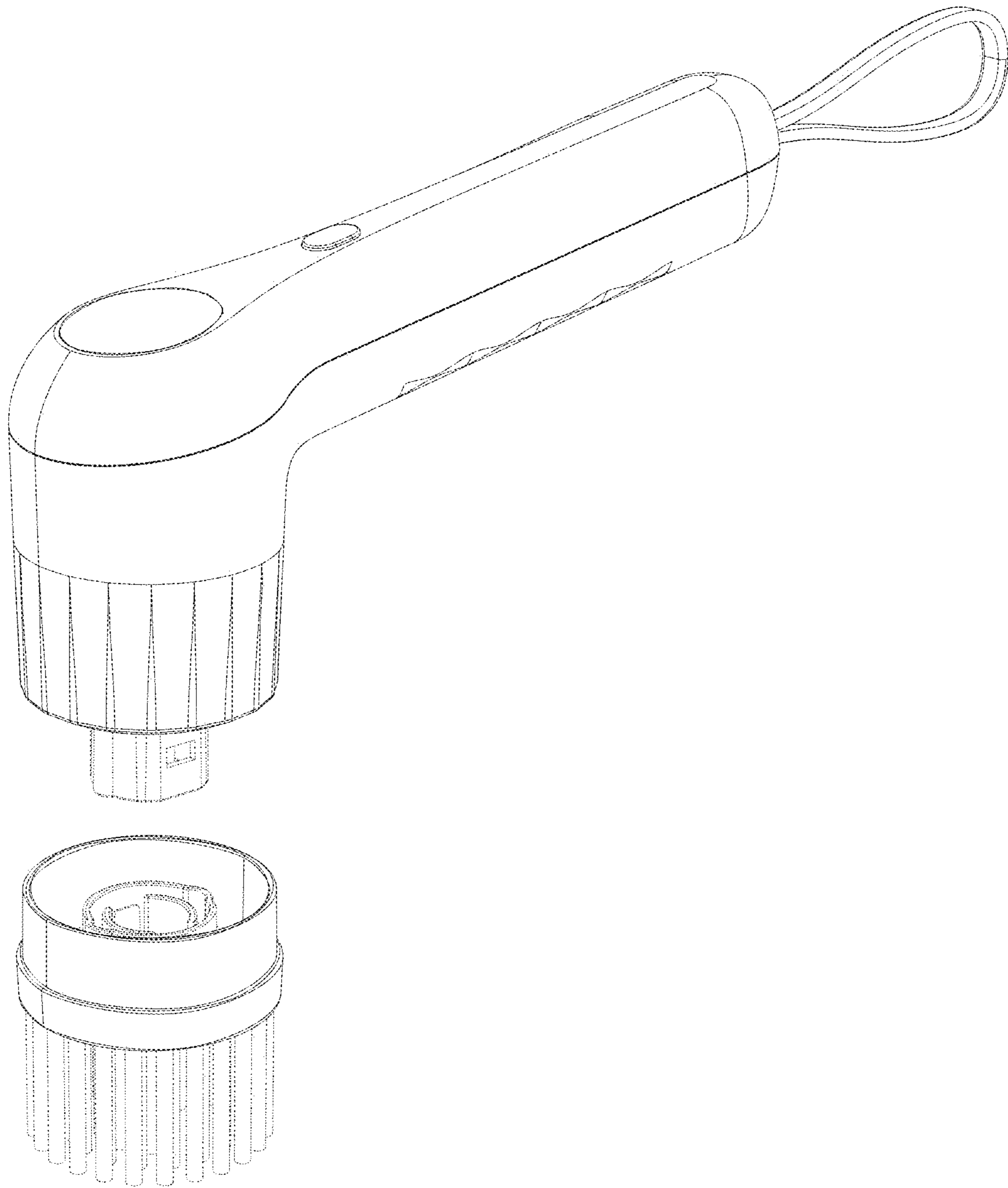


FIG.8