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

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- (54) **BIDET SPRAYER**
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- 4,596,058 A \* 6/1986 Nourbakhsh ..... E03D 9/085  
4/420.1
- 4,907,744 A \* 3/1990 Jousson ..... A61C 17/0202  
137/625.44
- D343,447 S \* 1/1994 Thaler ..... D23/295
- 5,685,028 A \* 11/1997 Miller ..... E03C 1/20  
4/443
- 5,937,451 A \* 8/1999 Mihara ..... E03D 9/085  
4/448
- 5,987,659 A \* 11/1999 Cannizzaro ..... E03D 9/085  
4/420.2
- D444,846 S \* 7/2001 Cross ..... D23/213

- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/745,716**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
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D23/238, 239, 240, 241, 242, 249, 250,  
D23/255, 257  
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B05B 1/185; B05B 15/62; B05B 15/652;  
F16K 31/60; F16K 31/607; E03C 1/02;  
E03C 1/04; E03C 1/0401; E03C 1/0402;  
E03C 1/0404; E03C 1/0405; E03C  
1/0408; E03C 1/06; E03C 1/063; E03C  
1/066; E03C 2001/0414; E03C  
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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 4,510,630 A \* 4/1985 Osgood ..... E03D 9/085  
4/420.1
- D281,098 S \* 10/1985 Jennings ..... D23/213

**OTHER PUBLICATIONS**

RinseWorks ABT-360B, Apr. 4, 2018, Amazon, site visited Aug. 2, 2021: <https://www.amazon.com/dp/B076HYRKNC/> (Year: 2018).\*  
(Continued)

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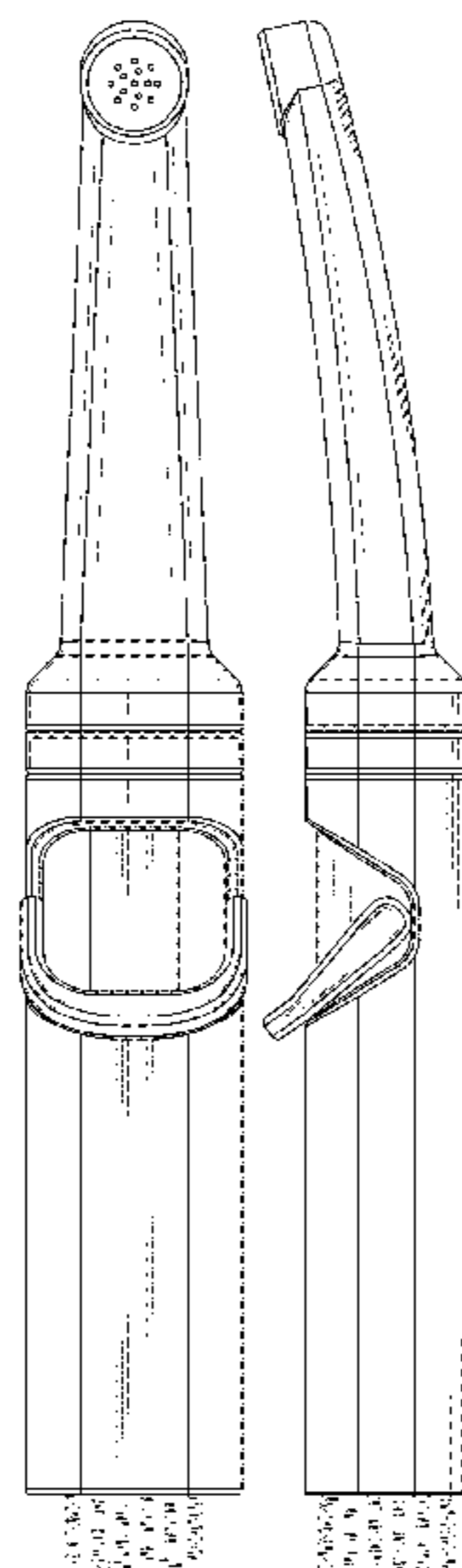
(57) **CLAIM**

The ornamental design for a bidet sprayer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a bidet sprayer showing the new design;  
FIG. 2 is a rear elevational view thereof;  
FIG. 3 is a left-side elevational view thereof;  
FIG. 4 is a right-side elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof; and,  
FIG. 7 is a perspective view thereof.  
The broken line showing of a bidet sprayer is included for the purpose of illustrating portions of the article and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

6,611,971 B1 \* 9/2003 Antonello ..... E03C 1/0408  
 137/218  
 6,827,039 B1 \* 12/2004 Nelson ..... A01K 13/001  
 119/604  
 D633,174 S \* 2/2011 Lee ..... D23/213  
 7,913,329 B2 \* 3/2011 Smith ..... E03D 9/085  
 4/420.4  
 D652,109 S \* 1/2012 Nichols ..... D23/223  
 D652,894 S \* 1/2012 Nichols ..... D23/223  
 8,281,423 B2 \* 10/2012 Taylor ..... A61M 3/0216  
 4/420.4  
 D731,026 S \* 6/2015 Bahler ..... D23/223  
 9,566,593 B2 \* 2/2017 Marty ..... B05B 15/652  
 D868,208 S \* 11/2019 Garland ..... D23/223  
 D875,210 S \* 2/2020 Thurgood ..... D23/223  
 10,737,013 B2 \* 8/2020 Foley ..... A61M 3/0212  
 D909,533 S \* 2/2021 Zhang ..... D23/213  
 2007/0061956 A1 \* 3/2007 Yu ..... E03D 9/085  
 4/443  
 2011/0302709 A1 \* 12/2011 Taylor ..... A61M 3/0208  
 4/443  
 2014/0259352 A1 \* 9/2014 Jones ..... E03D 9/085  
 4/443  
 2016/0250651 A1 \* 9/2016 Ayers ..... B05B 12/002  
 239/391

OTHER PUBLICATIONS

SonTiy Bidet Sprayer, May 22, 2019, Amazon, site visited Aug. 2, 2021: <https://www.amazon.co.uk/dp/B07S5YSCJ7/> (Year: 2019).\*

\* cited by examiner

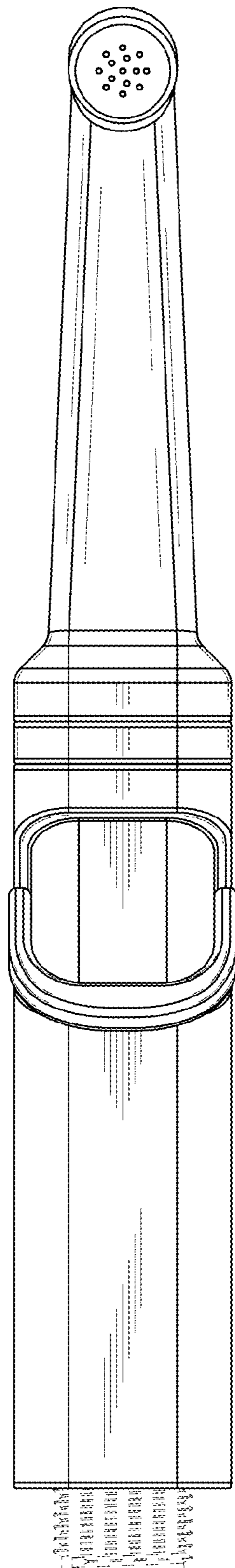


FIG. 1

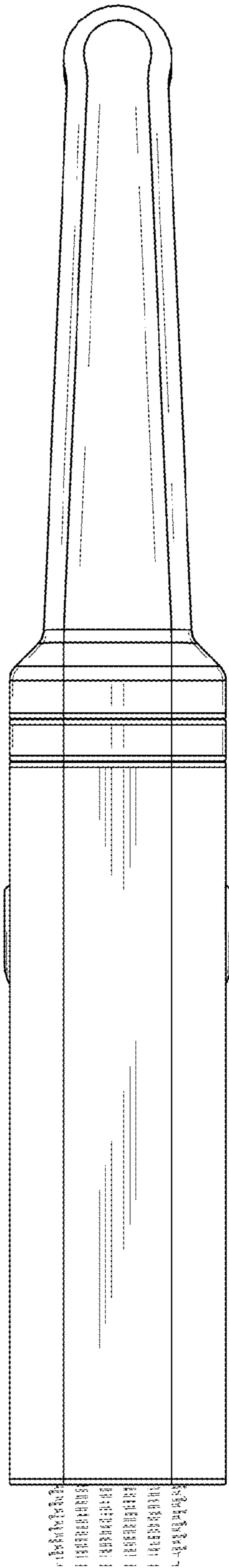


FIG. 2

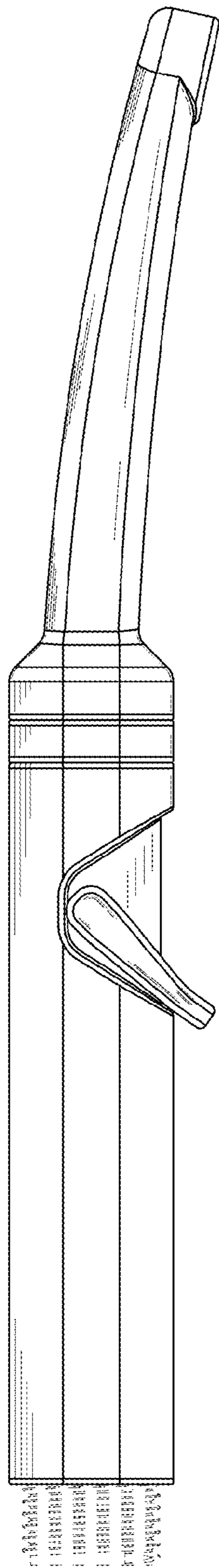


FIG. 3

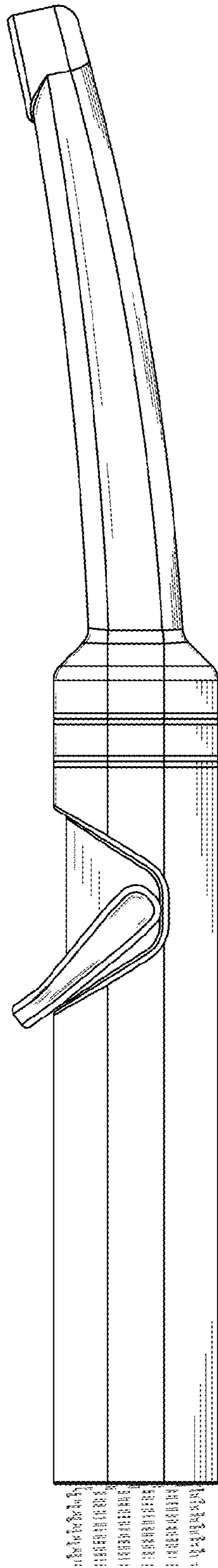


FIG. 4

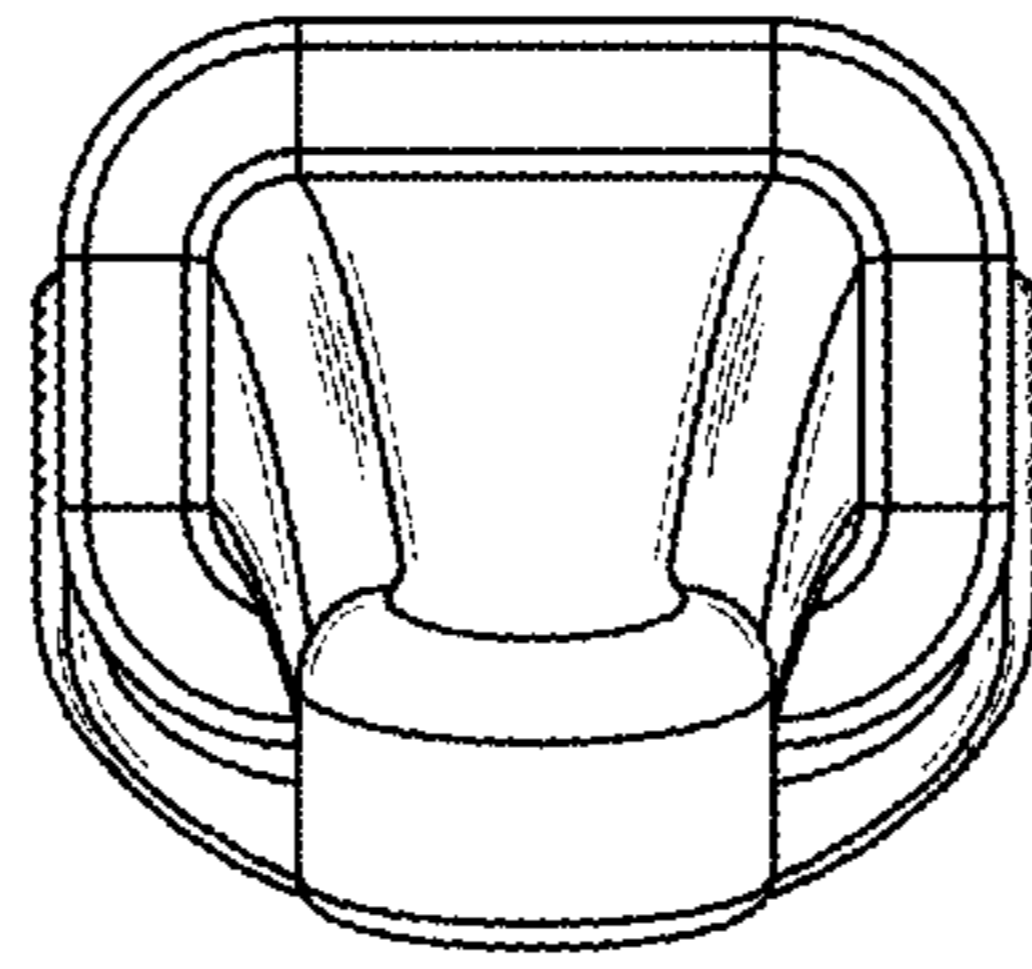


FIG. 5

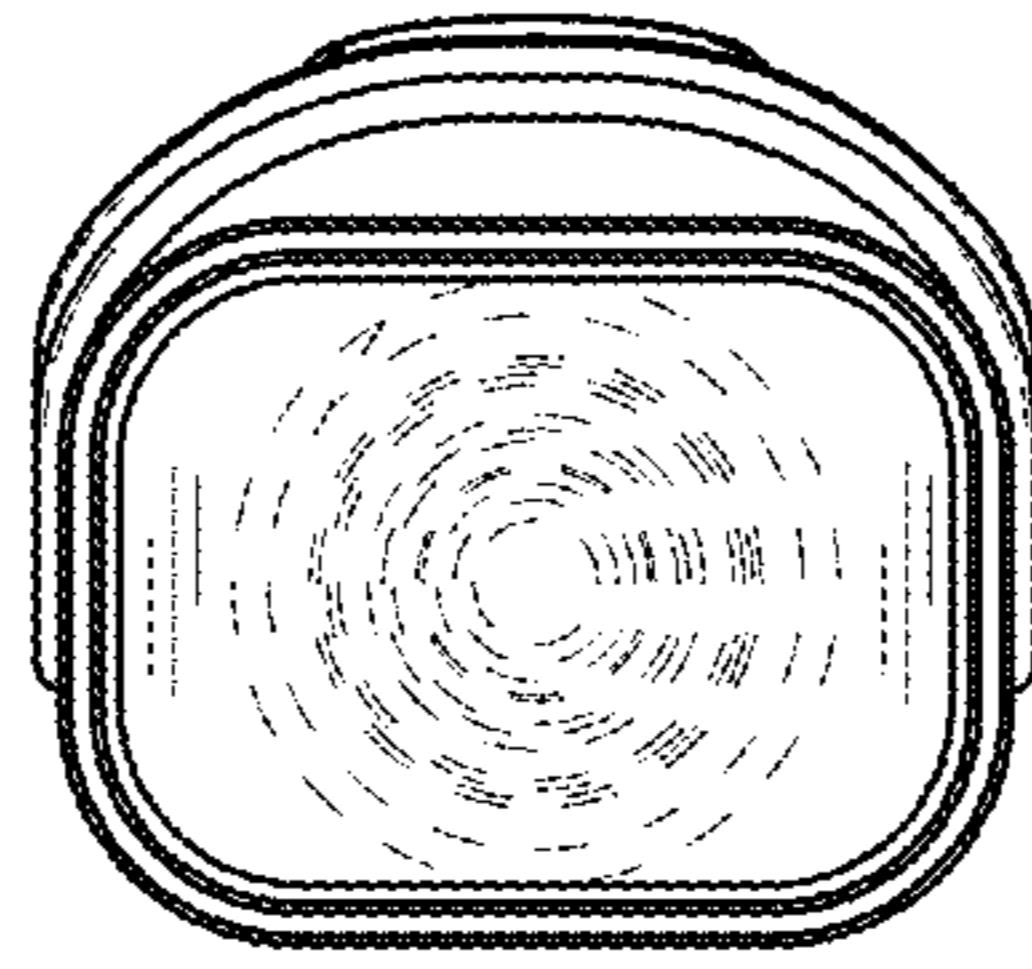


FIG. 6



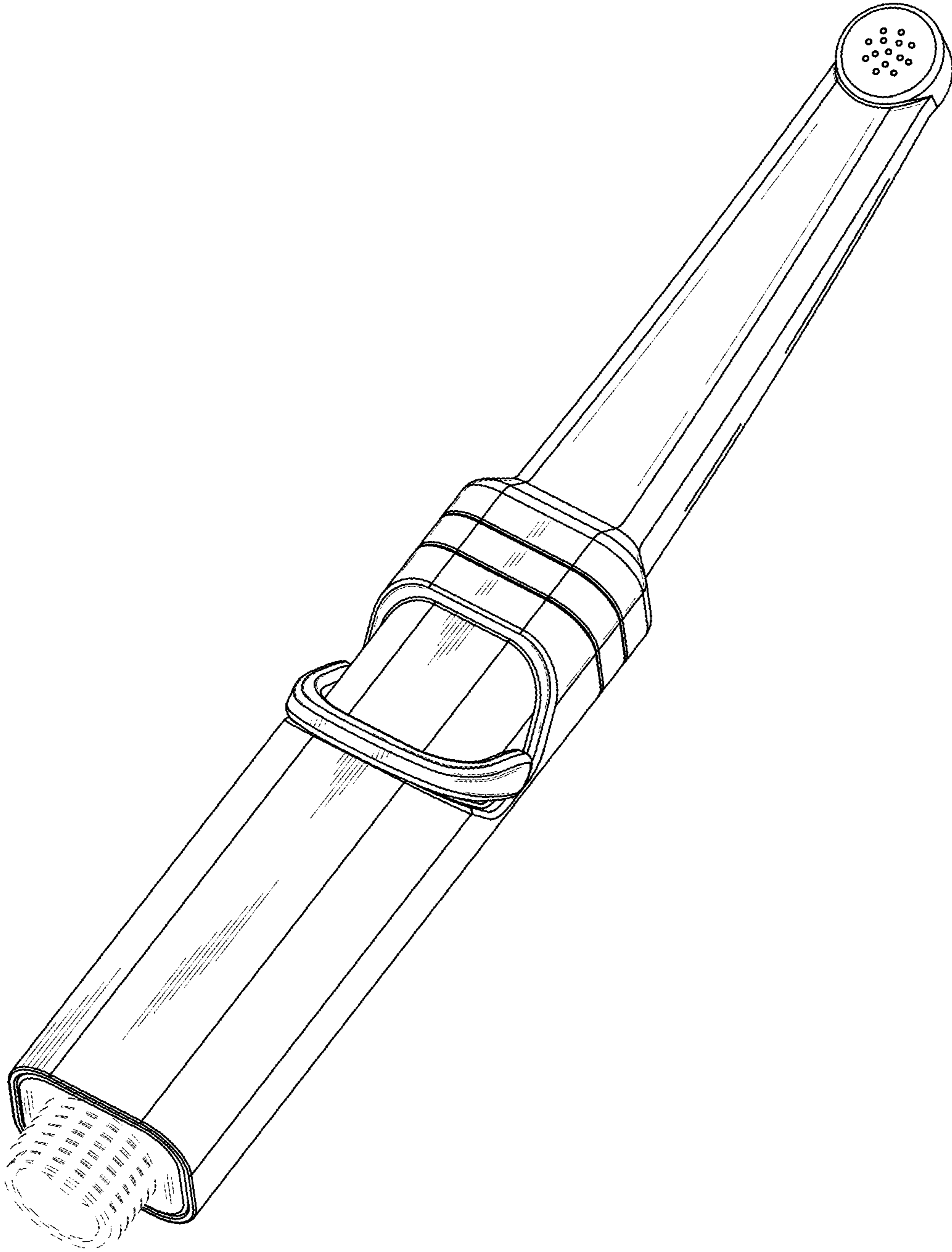


FIG. 7