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**Svendsen et al.**

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(54) **NOZZLE**

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

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**Related U.S. Application Data**

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

(52) **U.S. Cl.**  
USPC ..... **D23/223**

(58) **Field of Classification Search**  
USPC ..... D23/226, 213, 223, 224  
CPC ..... B05B 1/12  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,376,881	A *	5/1945	Nielsen	.....	A62C 31/02 239/441
3,150,829	A *	9/1964	Specht	.....	B05B 1/12 239/107
3,820,716	A *	6/1974	Bauer	.....	B05B 7/0425 239/589.1
4,903,897	A *	2/1990	Hayes	.....	B05B 1/1654 239/394

D314,609	S *	2/1991	Liaw	.....	D23/226
D325,620	S *	4/1992	Heren	.....	D23/223
D338,706	S *	8/1993	Wang	.....	D23/223
D340,762	S *	10/1993	Wang	.....	D23/226
D347,464	S *	5/1994	Kingston	.....	D23/223
5,323,968	A *	6/1994	Kingston	.....	B05B 1/1636 239/449
D350,810	S *	9/1994	Chih	.....	D23/223
D354,333	S *	1/1995	Clivio	.....	D23/223
D355,953	S *	2/1995	Wang	.....	D23/223
D359,101	S *	6/1995	Kuo	.....	D23/223

(Continued)

**OTHER PUBLICATIONS**

Karcher Premium Multi-Functional Spray Gun posted to amazon.com. Available date Apr. 20, 2016 [site visited May 17, 2021] Available: <<https://www.amazon.com/KAER5-2-645-271-0-Premium-Multifunctional-20-5x7-0x17-6/dp/B01AUUWYV2>> (Year: 2016).\*

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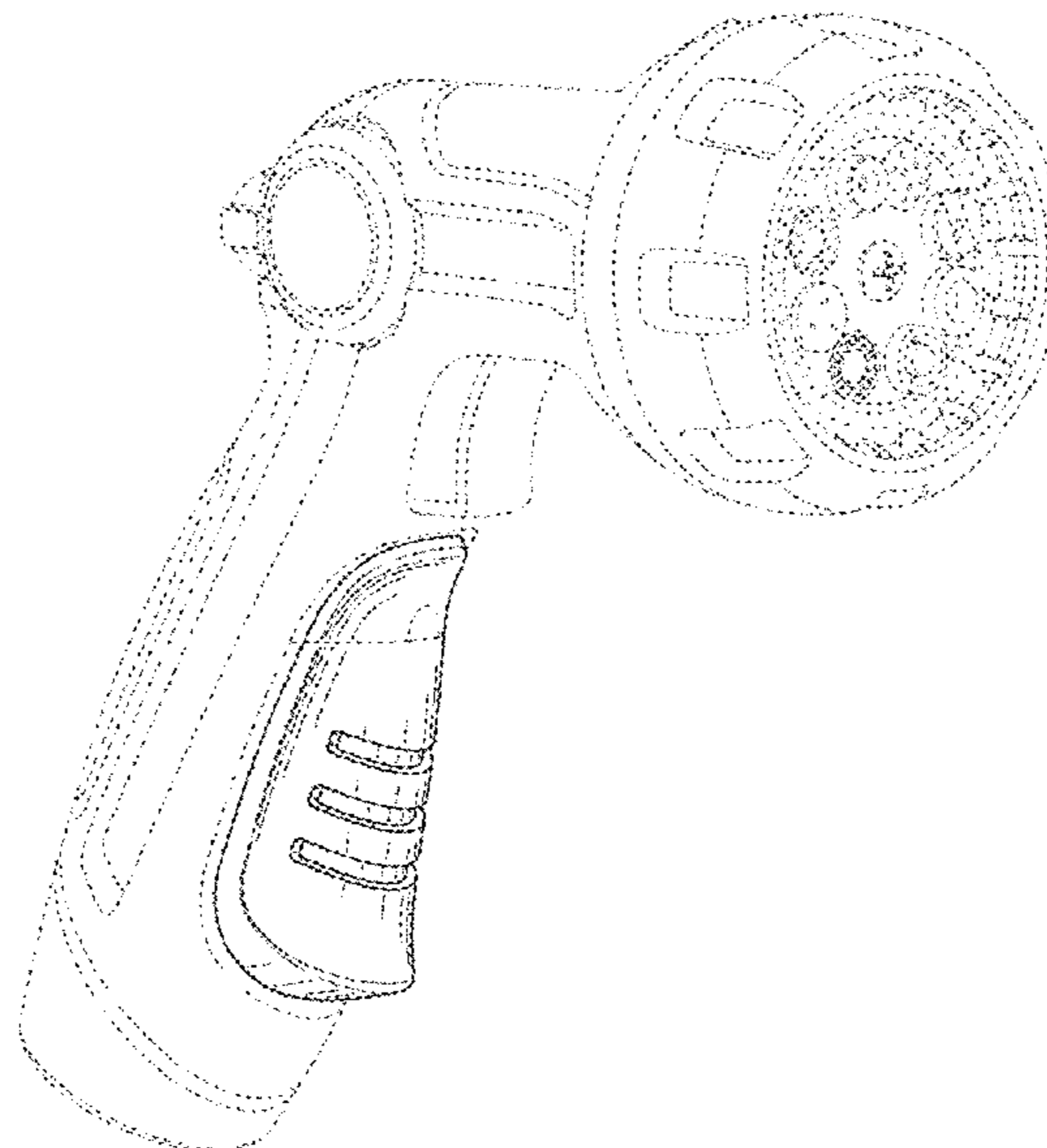
(57) **CLAIM**

The ornamental design for a nozzle, as shown and described.

**DESCRIPTION**

FIG. 1 is a rear perspective view of a nozzle, showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a front perspective view thereof.  
The broken line showing of portions of the nozzle is for the purpose of illustrating environmental structure and forms no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D369,853 S *	5/1996	Wang	D23/223	D604,390 S *	11/2009	Cheng	D23/223
D370,713 S	6/1996	Guo		D604,395 S *	11/2009	Zore	D23/226
D372,297 S *	7/1996	Wang	D23/223	7,611,074 B2 *	11/2009	Chen	B05B 9/01 239/525
D373,813 S	9/1996	Guo		D605,251 S *	12/2009	Zore	D23/226
D373,814 S *	9/1996	Wang	D23/223	D606,625 S *	12/2009	Zore	D23/226
D387,128 S *	12/1997	Wang	D23/223	D606,626 S *	12/2009	Zore	D23/226
5,806,770 A	9/1998	Wang		D614,729 S *	4/2010	Cheng	D23/223
D408,496 S *	4/1999	Wang	D23/226	D650,044 S *	12/2011	Nies	D23/223
D408,497 S *	4/1999	Wang	D23/226	D650,045 S *	12/2011	Nies	D23/223
D408,498 S *	4/1999	Wang	D23/226	8,152,078 B2 *	4/2012	Jianglin	B05B 1/3013 239/528
D408,890 S *	4/1999	Wang	D23/226	D677,362 S *	3/2013	Christopher	D23/223
D409,720 S *	5/1999	Guo	D23/226	D678,980 S *	3/2013	Nies	D23/223
D415,557 S *	10/1999	Kuo	D23/226	D681,777 S *	5/2013	Nies	D23/226
D417,256 S *	11/1999	Kuo	D23/226	8,496,190 B2 *	7/2013	Chen	B05B 1/3026 239/394
D431,069 S *	9/2000	Heren	D23/226	D694,360 S	11/2013	Gaetano	
D431,280 S *	9/2000	Kuo	D23/226	D702,319 S *	4/2014	Mammen	D23/223
6,260,774 B1 *	7/2001	Erickson	B05B 1/3013 239/526	D704,801 S *	5/2014	Chen	D23/223
D446,282 S *	8/2001	Wang	D23/226	D705,898 S *	5/2014	Chen	D23/223
D446,283 S *	8/2001	Wang	D23/226	D714,423 S *	9/2014	Mammen	D23/226
D447,216 S *	8/2001	Keren	D23/226	D714,908 S *	10/2014	Mammen	D23/226
D447,217 S *	8/2001	Jacobs	D23/226	D726,872 S *	4/2015	Thurgood	D23/223
D447,539 S	9/2001	Tse		9,073,075 B2 *	7/2015	Chen	B05B 1/3026
D447,790 S *	9/2001	Heren	D23/226	D736,349 S *	8/2015	Wojan	D23/223
D451,981 S *	12/2001	Erickson	D23/226	D736,350 S *	8/2015	Cheng	D23/226
D451,982 S *	12/2001	Chao	D23/226	D746,945 S	1/2016	Naslund	
D454,619 S *	3/2002	Wang	D23/226	D746,946 S	1/2016	Naslund	
D457,221 S *	5/2002	Alkalay	D23/226	D746,947 S	1/2016	Naslund	
D458,984 S *	6/2002	Chen	D23/226	D748,758 S *	2/2016	Duong	D23/223
D459,440 S *	6/2002	Chen	D23/226	D749,695 S *	2/2016	Hung	D23/223
D461,227 S *	8/2002	Guo	D23/226	D749,696 S *	2/2016	Thurgood	D23/223
D467,993 S *	12/2002	Chen	D23/226	9,427,760 B2 *	8/2016	Chiu	B05B 15/652
D468,396 S *	1/2003	Chen	D23/226	D766,400 S *	9/2016	Chen	D23/226
D468,802 S *	1/2003	Nien	D23/226	D767,091 S	9/2016	Chen	
D475,122 S *	5/2003	Kuo	D23/226	D767,094 S	9/2016	Chen	
D475,435 S *	6/2003	Chen	D23/223	D767,096 S *	9/2016	Chen	D23/226
D475,762 S *	6/2003	Kuo	D23/226	D768,817 S	10/2016	Chen	
D475,763 S *	6/2003	Kuo	D23/226	D769,415 S *	10/2016	Chen	D23/226
6,644,625 B1 *	11/2003	Jacobs	B05B 12/0024 251/209	D770,017 S *	10/2016	Chen	D23/226
D484,947 S *	1/2004	Chen	D23/226	D771,773 S	11/2016	Chen	
D486,555 S *	2/2004	Chen	D23/223	D771,774 S	11/2016	Chen	
6,726,129 B2 *	4/2004	Kao	B05B 15/652 239/587.1	D771,775 S *	11/2016	Chen	D23/223
D498,515 S *	11/2004	Wilson	D23/223	D774,164 S *	12/2016	Chen	D23/226
D502,533 S *	3/2005	Chen	D23/223	D779,035 S	2/2017	Chen	
D517,645 S *	3/2006	Chang	D23/226	D779,036 S	2/2017	Chen	
D522,088 S	5/2006	Roman		D779,040 S *	2/2017	Chen	D23/226
D524,408 S *	7/2006	Roman	D23/223	D779,041 S *	2/2017	Chen	D23/226
7,124,965 B1 *	10/2006	Chen	A62C 31/02 239/525	D779,634 S *	2/2017	Chen	D23/226
D534,241 S	12/2006	Wang		D780,293 S *	2/2017	Chen	D23/226
D547,901 S *	7/2007	Lo	D23/226	D780,294 S *	2/2017	Chen	D23/226
D548,392 S	8/2007	Lo et al.		D782,005 S *	3/2017	Naslund	D23/223
7,258,285 B1 *	8/2007	Combs	A62C 31/03 239/546	D782,007 S	3/2017	Naslund et al.	
D553,223 S *	10/2007	Yu	D23/226	D782,008 S	3/2017	Naslund et al.	
D553,713 S	10/2007	Chih		D783,123 S *	4/2017	Chen	D23/226
D554,231 S *	10/2007	Chih	D23/213	D783,125 S *	4/2017	Chen	D23/226
D554,233 S *	10/2007	Chih	D23/226	D792,555 S *	7/2017	Hung	D23/223
D557,767 S	12/2007	Chih		D792,944 S	7/2017	Cheng	
D557,769 S *	12/2007	Chih	D23/226	D792,947 S	7/2017	Hung	
D558,302 S *	12/2007	Chih	D23/226	D799,001 S *	10/2017	Gooden	D23/213
D558,858 S	1/2008	Chih		D799,002 S *	10/2017	Gooden	D23/213
D559,353 S	1/2008	Chih		D799,007 S *	10/2017	Cheng	D23/223
D559,354 S	1/2008	Chih		D800,254 S *	10/2017	Chen	D23/226
D559,355 S *	1/2008	Chih	D23/226	D800,255 S *	10/2017	Chen	D23/226
D564,065 S *	3/2008	Yu	D23/223	D802,092 S *	11/2017	Naslund	D23/223
D569,478 S	5/2008	Cichy et al.		D824,486 S *	7/2018	Urry	D23/223
D584,380 S *	1/2009	Cheng	D23/223	D824,487 S	7/2018	Montoya et al.	
D584,381 S *	1/2009	Hung	D23/223	D824,488 S *	7/2018	Montoya	D23/223
D585,109 S *	1/2009	Cheng	D23/223	D824,489 S *	7/2018	Montoya	D23/223
D599,433 S *	9/2009	Zore	D23/223	D824,490 S *	7/2018	Montoya	D23/223
D599,884 S *	9/2009	Zore	D23/226	D824,491 S	7/2018	Montoya et al.	
				D825,716 S *	8/2018	Helmsderfer	D23/223
				D838,340 S	1/2019	Svendsen et al.	
				D838,341 S *	1/2019	Svendsen	D23/226
				D838,809 S	1/2019	Svendsen et al.	
				D839,384 S *	1/2019	Svendsen	D23/213
				D839,992 S *	2/2019	Svendsen	D23/226
				D846,074 S *	4/2019	Pease	D23/226

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D846,695 S \* 4/2019 Pease ..... D23/223  
D849,889 S 5/2019 Pease et al.  
D851,209 S 6/2019 Cheng  
D875,213 S \* 2/2020 Svendsen ..... D23/226  
2005/0237742 A1 \* 10/2005 Wang ..... B05B 15/00  
362/253  
2013/0015271 A1 \* 1/2013 Chen ..... B05B 1/3013  
239/526  
2016/0263593 A1 \* 9/2016 Keim ..... B05B 1/30

\* cited by examiner

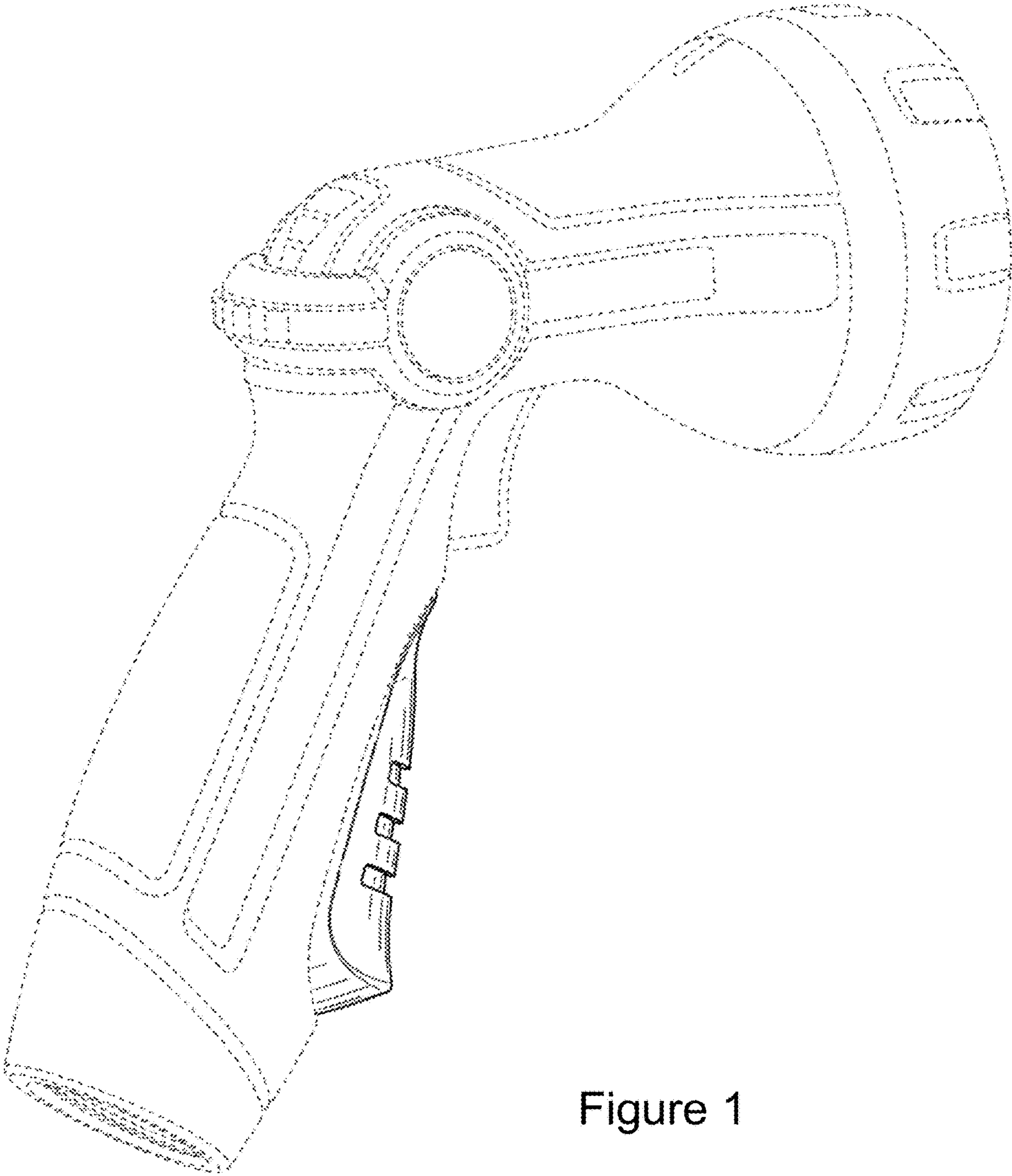


Figure 1

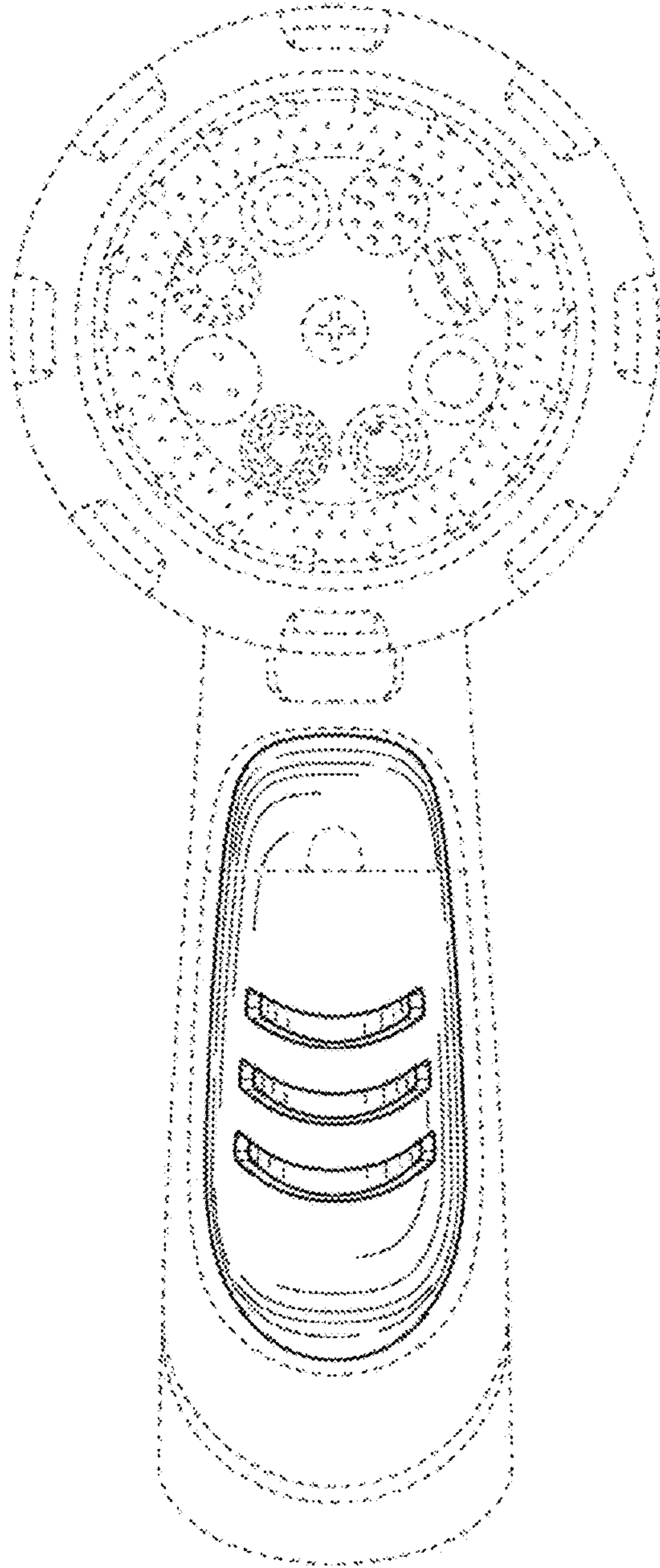


Figure 2

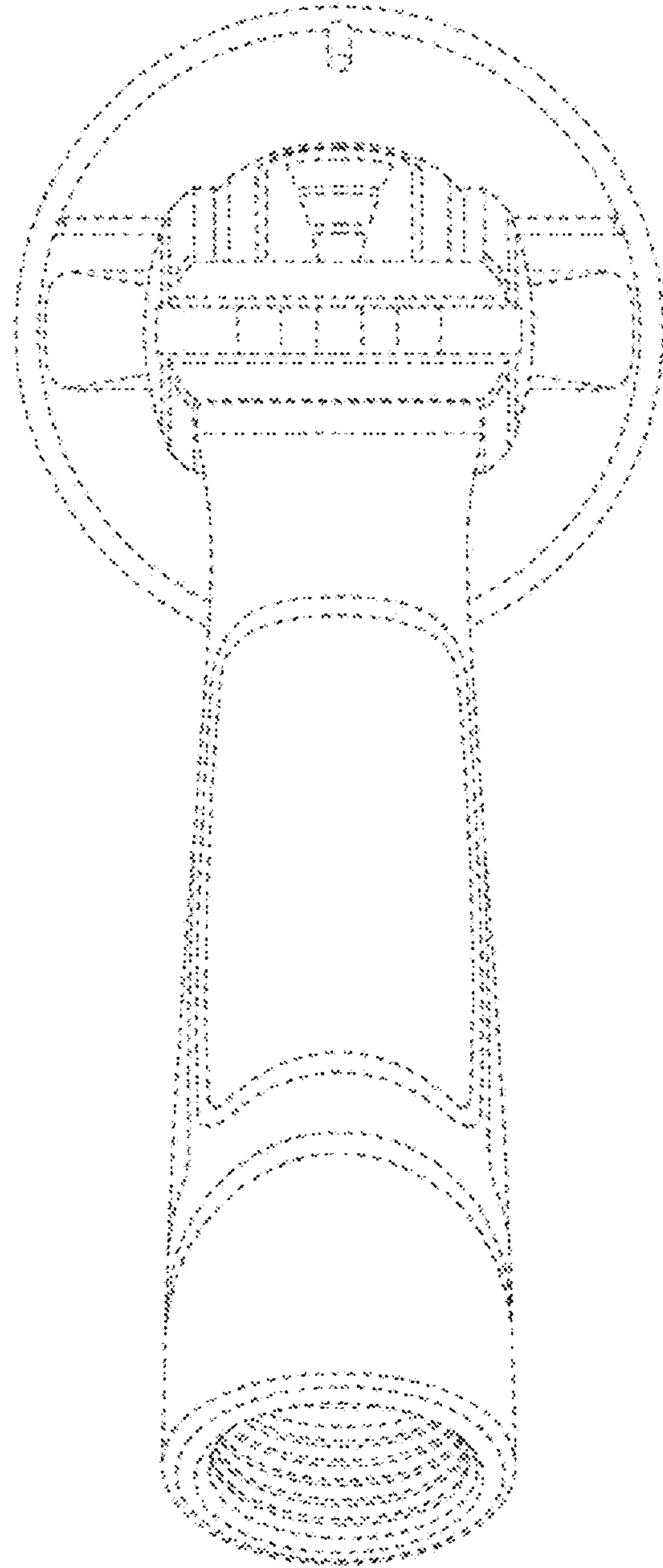


Figure 3

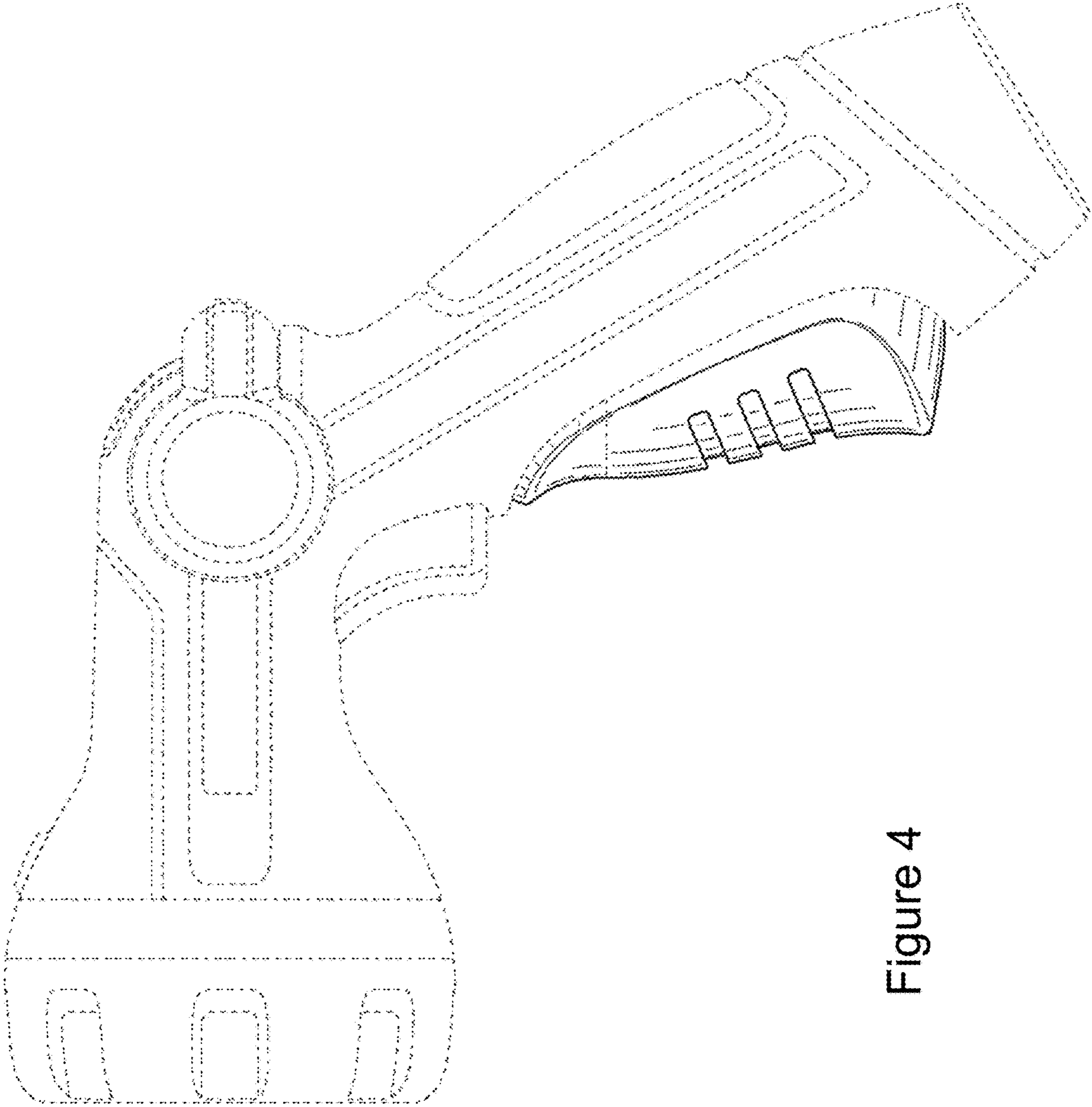


Figure 4

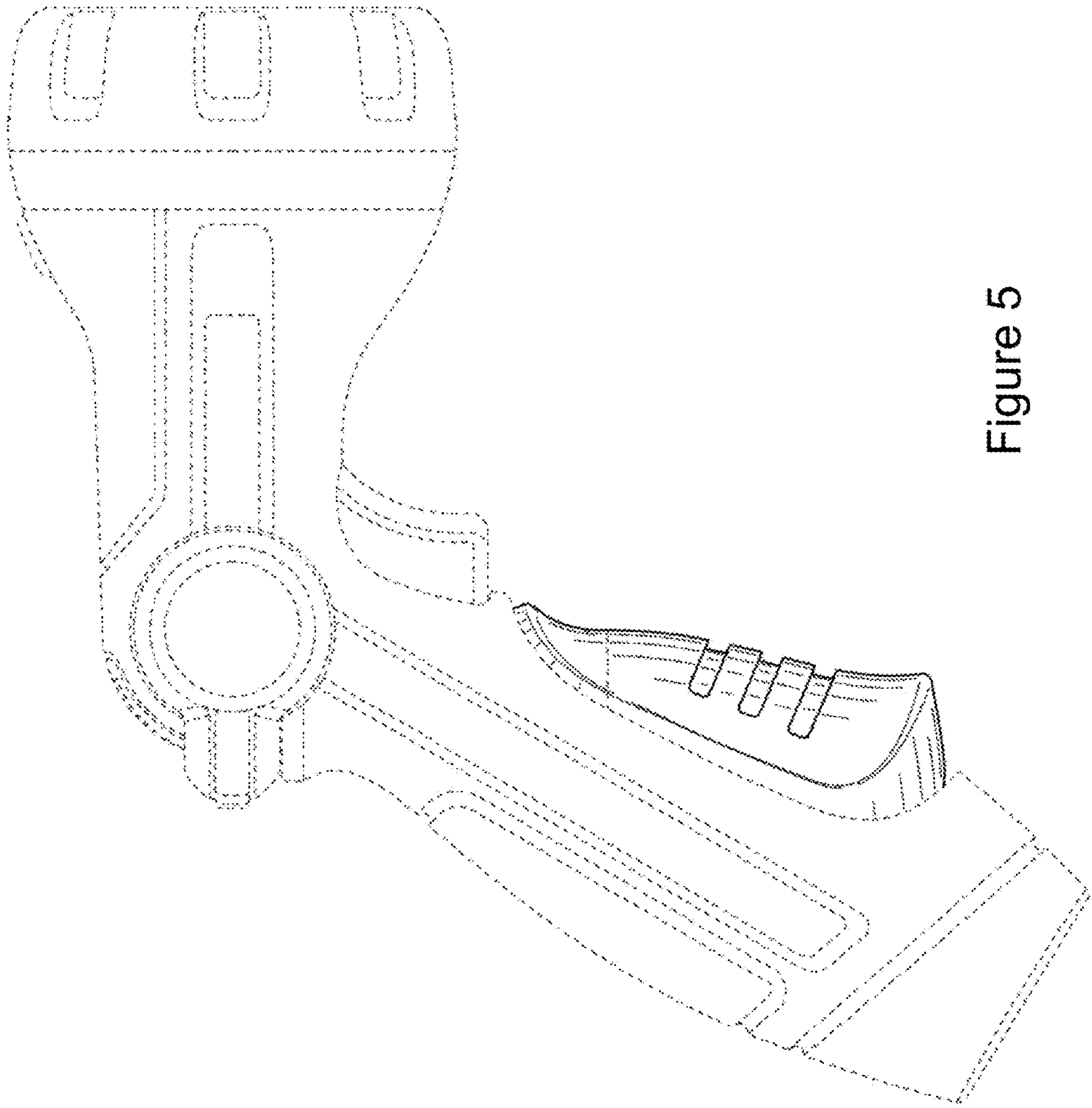


Figure 5

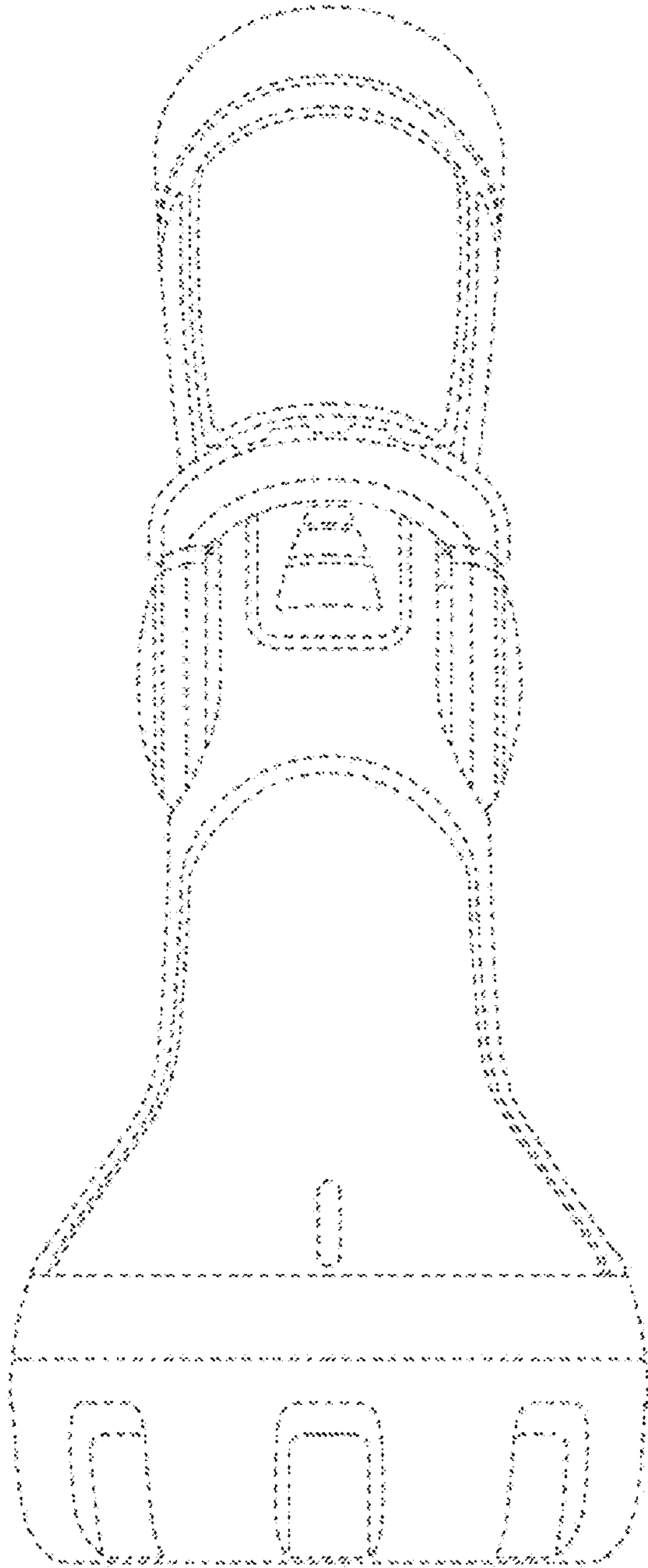


Figure 6

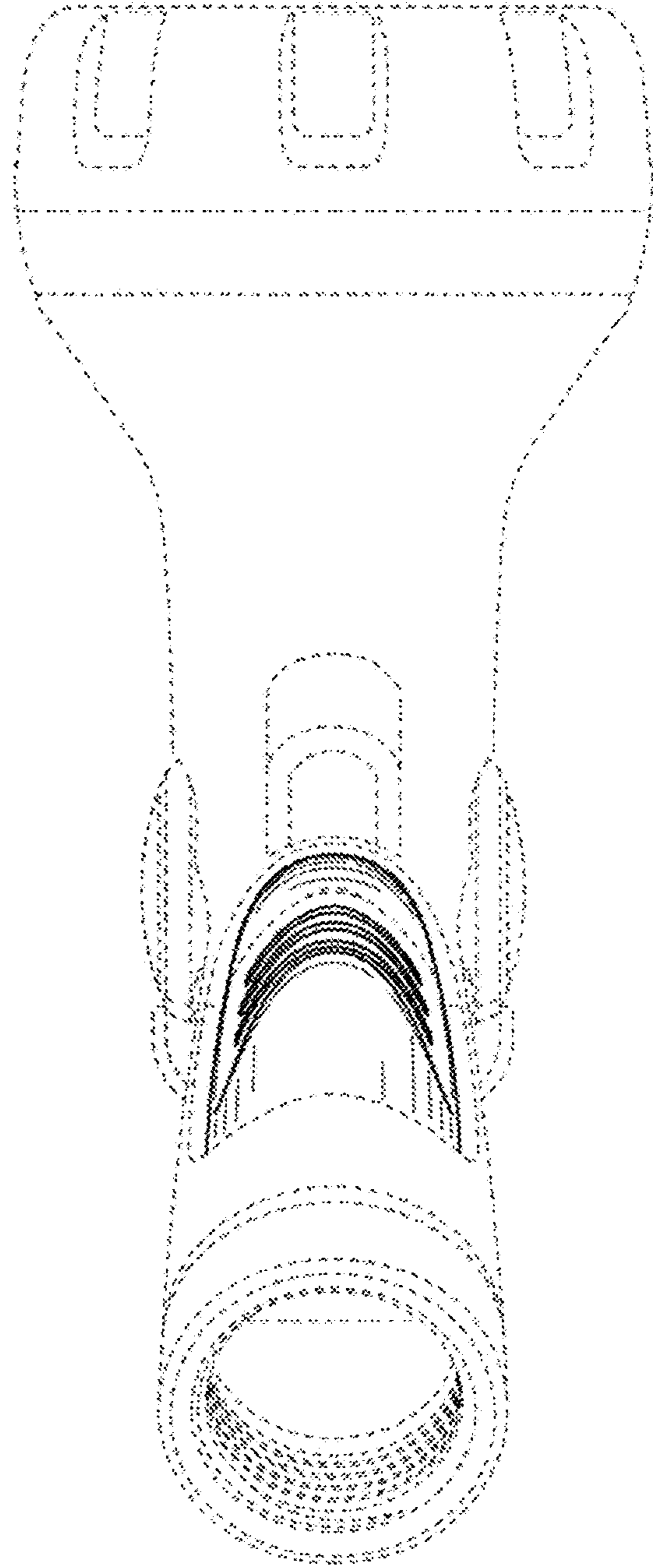


Figure 7



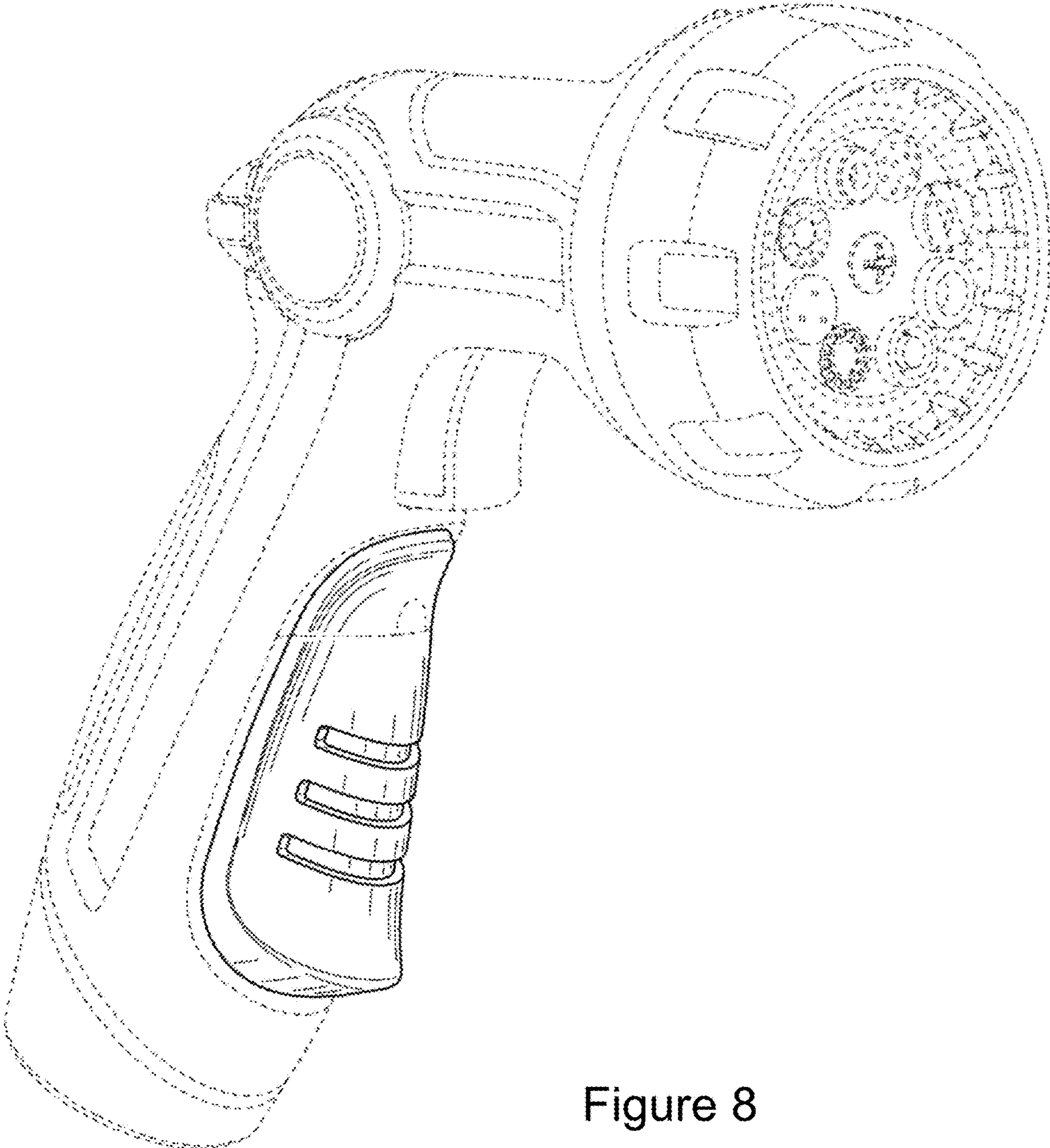


Figure 8