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

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(54) **JAGGED TOOTH HEAD FASTENER
REMOVAL DEVICE FOR DIRTY
ENVIRONMENTS**

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

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Related U.S. Application Data

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filed on Mar. 15, 2016, now abandoned.

(51) **LOC (12) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/139**

(58) **Field of Classification Search**
USPC D8/14, 86, 70, 71; D15/139
CPC B23P 19/04; B25B 13/50; B25B 13/486;
B25B 27/18; Y10T 29/49815
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,548,835 A	8/1925	French	
1,785,847 A	12/1930	Valentine	
2,864,273 A	12/1958	Hentosh	
2,969,250 A	1/1961	Kull	
4,050,840 A	9/1977	Skingle	
4,269,246 A *	5/1981	Larson A61B 17/8615 411/403
4,270,418 A	6/1981	Shephard	
4,352,614 A	10/1982	Hirsch	
4,426,896 A	1/1984	Kesselman	

4,503,737 A *	3/1985	DiGiovanni B25B 27/18 81/436
4,688,315 A	8/1987	Jannke	
4,970,922 A	11/1990	Krivec	
5,019,080 A	5/1991	Hemer	
5,031,487 A *	7/1991	Polonsky B25B 27/18 81/53.2
D329,786 S *	9/1992	Polonsky D8/14
5,171,117 A	12/1992	Seidl	
5,279,187 A *	1/1994	Salmon B25B 27/18 81/445
5,291,811 A	3/1994	Goss	
5,485,769 A	1/1996	Olson et al.	
D387,523 S *	12/1997	Armbruster D32/35
5,737,981 A	4/1998	Hildebrand	
5,819,611 A *	10/1998	Kozak B25B 13/485 81/451
5,865,078 A	2/1999	Langford	
5,868,047 A	2/1999	Faust et al.	
5,957,645 A	9/1999	Stacy	
6,003,411 A	12/1999	Knox et al.	
6,047,620 A	4/2000	Kozak et al.	
6,158,310 A	12/2000	Goss et al.	
6,595,730 B2 *	7/2003	Bergamo B25B 27/18 408/227

(Continued)

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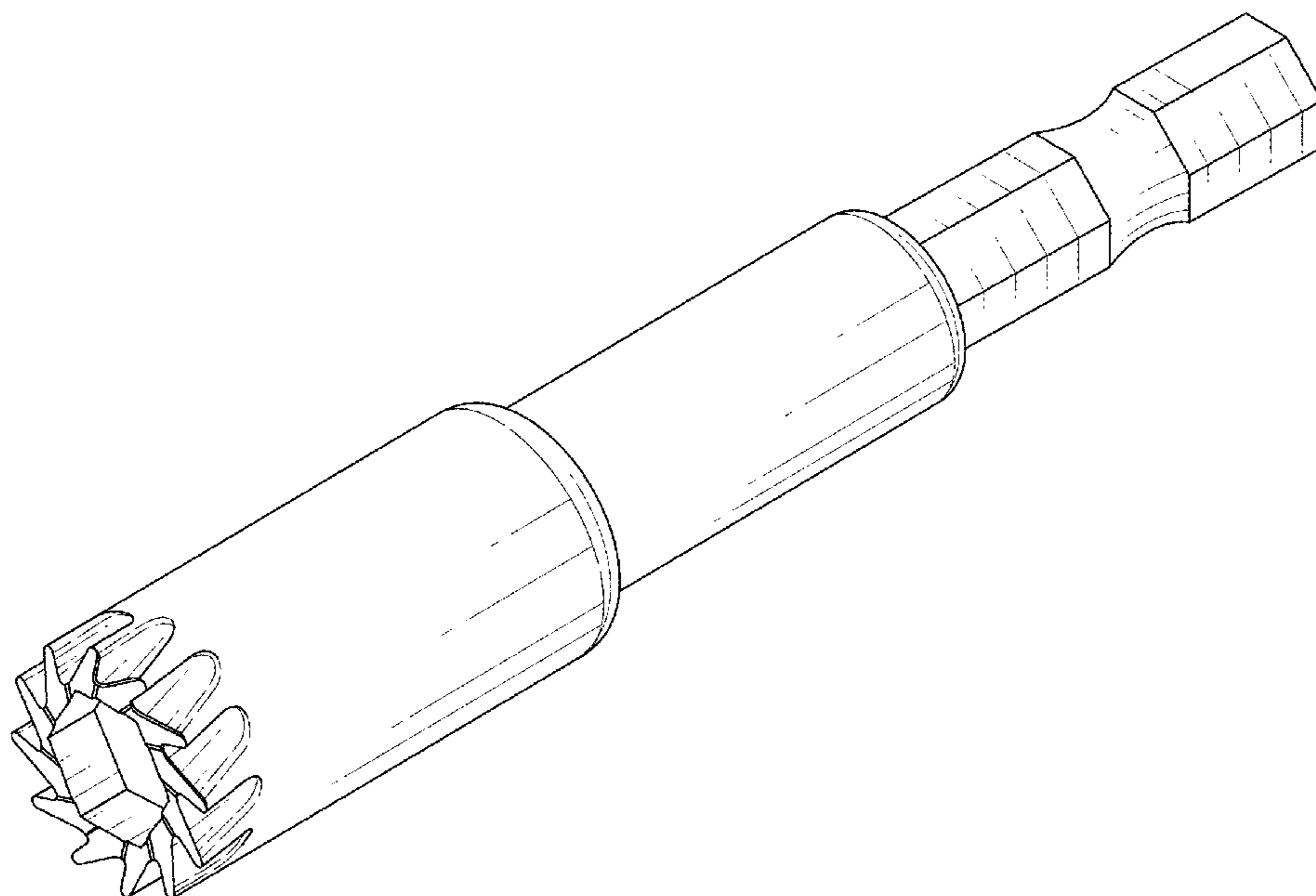
(57) **CLAIM**

The ornamental design for a jagged tooth fastener removal device for dirty environments, as shown and described.

DESCRIPTION

FIG. 1 is a side view of a jagged tooth head fastener removal device for dirty environments showing my new design; FIG. 2 is a top view thereof; FIG. 3 is a bottom view thereof; FIG. 4 is a regional view of the jagged tooth at the top end thereof; and, FIG. 5 is a perspective view thereof.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,598,498 B1 7/2003 Pigford et al.
 7,131,175 B2 * 11/2006 Young B25B 27/14
 29/426.5
 7,152,509 B2 * 12/2006 McCalley, Jr. B25B 27/18
 81/53.2
 D540,632 S * 4/2007 Wong D8/14
 D544,007 S 6/2007 Marasco
 7,225,710 B2 6/2007 Pacheco, Jr.
 7,594,455 B2 9/2009 Swanson et al.
 8,166,851 B2 5/2012 Pchola et al.
 8,607,670 B2 12/2013 Stawarski
 8,607,672 B2 12/2013 Urick et al.
 8,915,168 B2 12/2014 Jeter
 8,955,415 B2 * 2/2015 Lin B25B 27/18
 81/53.2
 8,984,991 B1 3/2015 English
 D738,180 S 9/2015 Campbell
 D774,868 S * 12/2016 Ouyang D8/86
 D794,409 S * 8/2017 Anderson D8/86
 D885,149 S * 5/2020 Kukucka D8/14
 2006/0266168 A1 11/2006 Pacheco
 2006/0278049 A1 12/2006 Baynham
 2009/0028654 A1 1/2009 Turrini
 2009/0100971 A1 4/2009 Swanson
 2010/0124466 A1 5/2010 Men
 2011/0252925 A1 * 10/2011 Whitehead B25B 15/005
 81/53.2
 2012/0074659 A1 * 3/2012 Fanourgiakis B25B 31/00
 279/145
 2014/0238202 A1 * 8/2014 Roscosky B25B 27/18
 81/53.2
 2018/0354102 A1 * 12/2018 Kukucka B25B 15/004

* cited by examiner

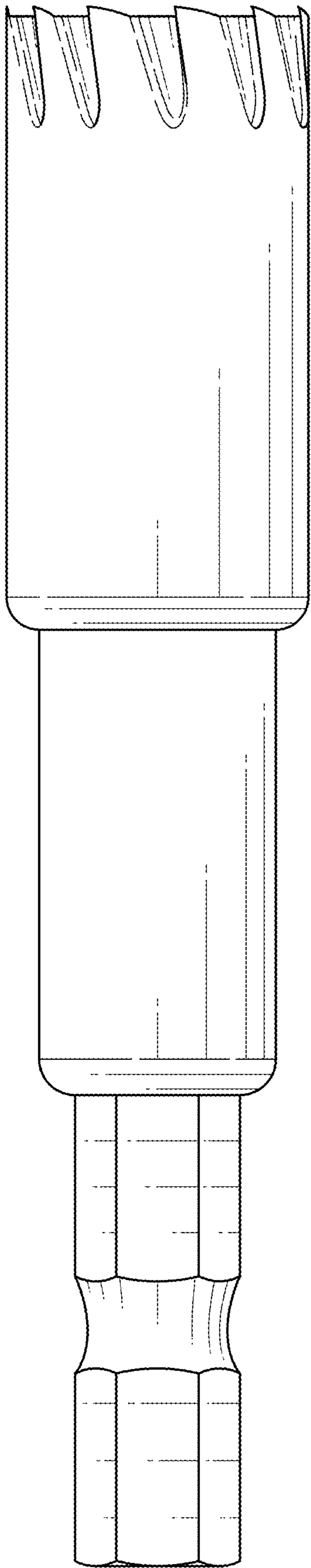


FIG. 1

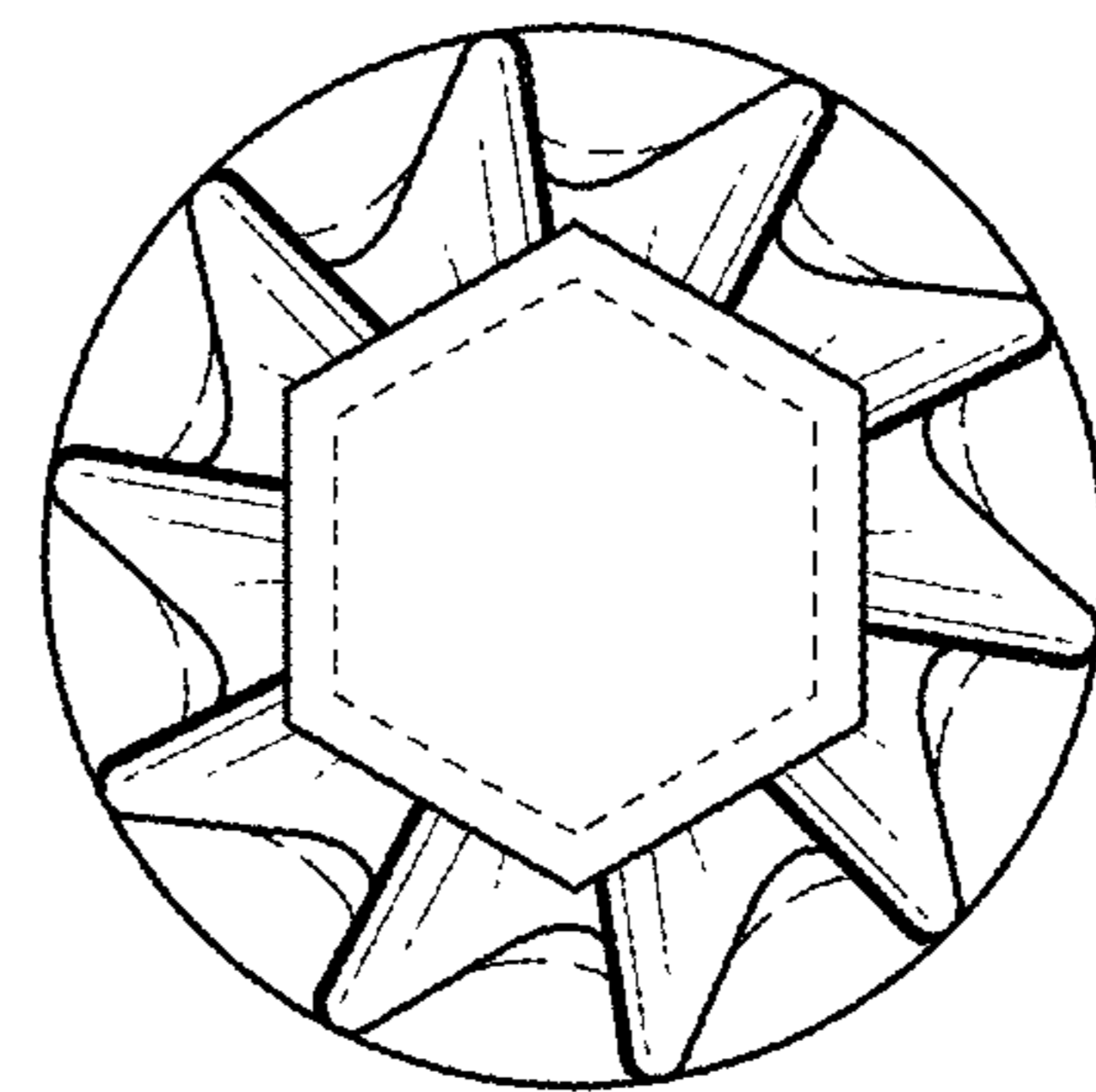


FIG. 2

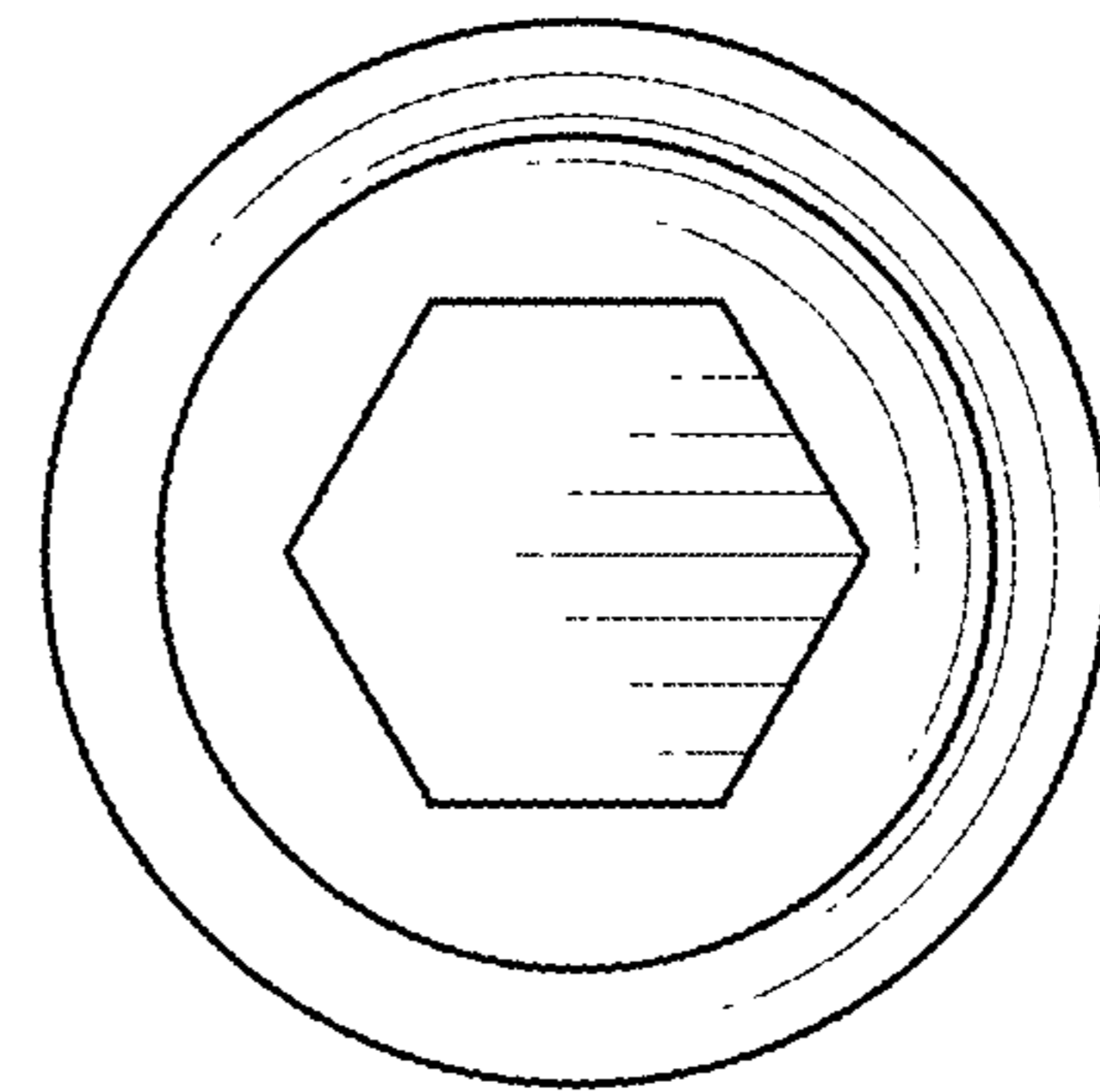


FIG. 3

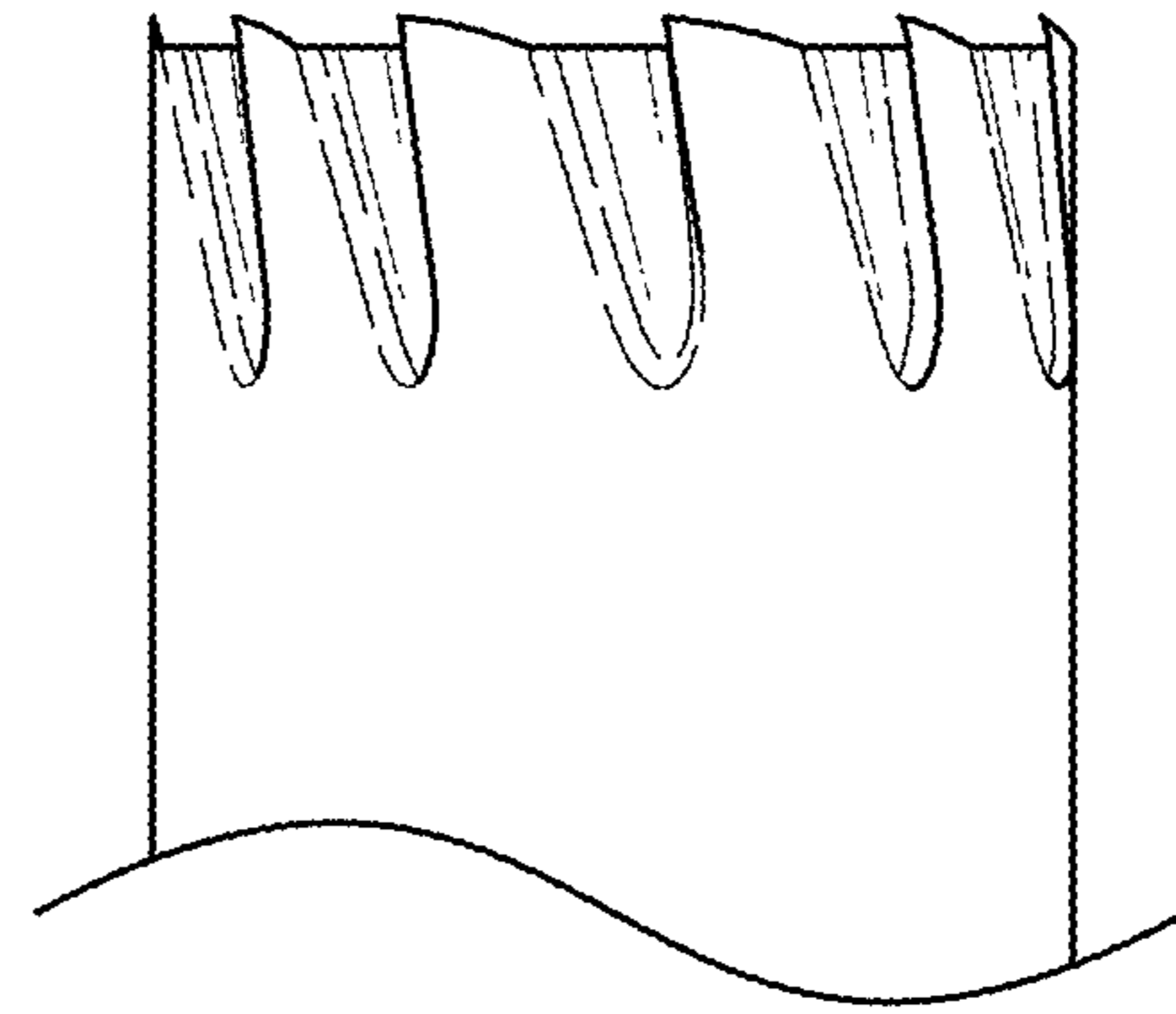


FIG. 4

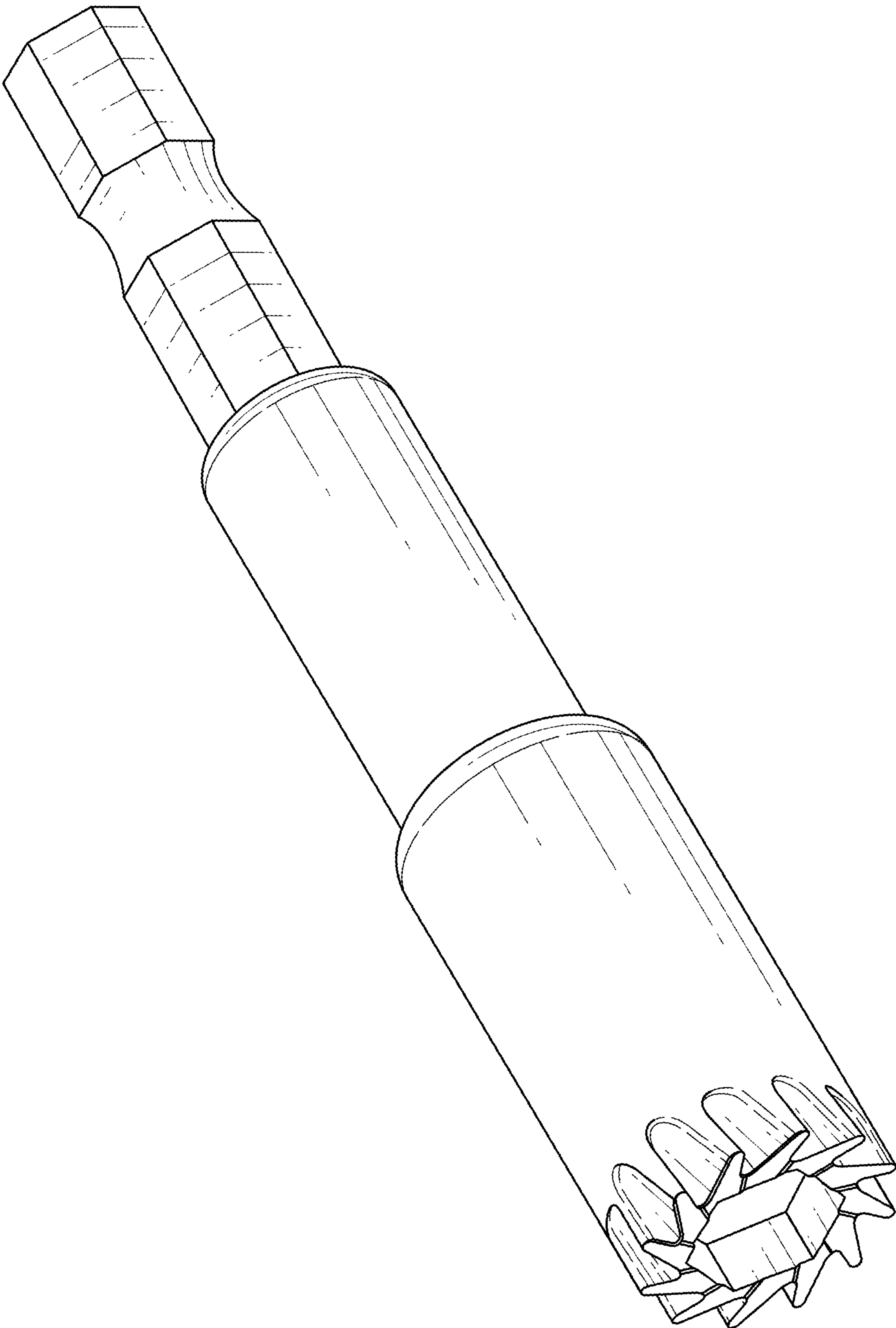


FIG. 5