



US00D958856S

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

(10) **Patent No.:** **US D958,856 S**

(45) **Date of Patent:** **** Jul. 26, 2022**

(54) **DRILL BIT**

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

(21) Appl. No.: **35/511,149**

(22) Filed: **May 21, 2020**

(80) **Hague Agreement Data**

Int. Filing Date: **May 21, 2020**

Int. Reg. No.: **DM/212090**

Int. Reg. Date: **May 21, 2020**

Int. Reg. Pub. Date: **Jan. 15, 2021**

(51) **LOC (13) Cl.** **15-09**

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

(58) **Field of Classification Search**
USPC D8/20, 86, 70; D15/132, 138, 139
CPC ... B23B 51/0081; B23B 51/009; B23B 51/02;
B23B 35/00; B27G 15/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D347,848 S *	6/1994	Maynard, Jr.	D15/139
D419,575 S *	1/2000	Kouvelis	D15/139
6,089,337 A *	7/2000	Kleine	B23B 51/02
			175/323
6,588,994 B2 *	7/2003	Wienhold	B23B 31/005
			408/226
6,739,872 B1 *	5/2004	Turri	A61C 3/02
			433/75
D559,874 S *	1/2008	Kobayashi	D15/139
D585,919 S *	2/2009	Cantion	D15/139
D585,920 S *	2/2009	Liao	D15/139
D687,871 S *	8/2013	Liao	D15/139

D709,111 S *	7/2014	Liao	D15/139
D724,126 S *	3/2015	Senn	D15/139
D734,792 S *	7/2015	Santamarina	D15/139
D737,875 S *	9/2015	Santamarina	D15/139
9,333,564 B2 *	5/2016	Santamarina	B23B 51/02
10,155,269 B2 *	12/2018	Jindai	C23C 14/06
10,259,050 B2 *	4/2019	Ogawa	B23B 51/02
D849,073 S *	5/2019	Spangberg	D15/139
D872,144 S *	1/2020	Kulig	D15/139
D894,978 S *	9/2020	Misumi	D15/139
D937,913 S *	12/2021	Wang	D15/139
2004/0191015 A1 *	9/2004	Kozak	B23B 51/0426
			408/67
2005/0053438 A1 *	3/2005	Wetzel	B23B 51/02
			408/225
2005/0126829 A1 *	6/2005	Meierhofer	B23B 51/02
			175/395
2005/0186043 A1 *	8/2005	Fuller	B23B 51/12
			408/239 R
2012/0201619 A1 *	8/2012	Olsson	B24B 19/04
			408/230
2014/0348605 A1 *	11/2014	Park	B23B 51/009
			408/224

(Continued)

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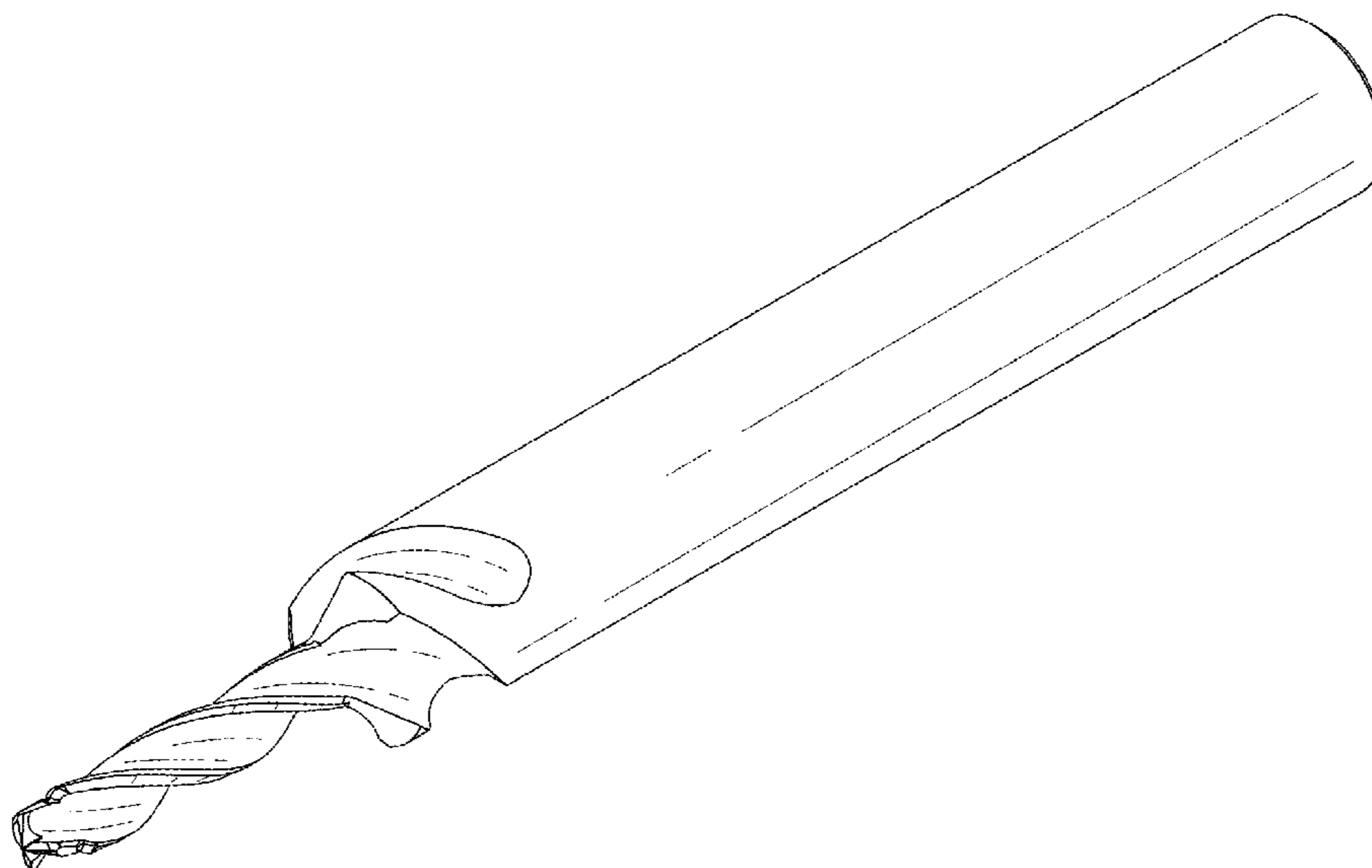
(57) **CLAIM**

The ornamental design for a drill bit, as shown and described.

DESCRIPTION

1. Drill bit
- 1.1 is a perspective view of a drill bit embodying our new design;
- 1.2 is a front elevation view thereof;
- 1.3 is a rear elevation view thereof;
- 1.4 is a top plan view thereof;
- 1.5 is a bottom plan view thereof;
- 1.6 is a left side elevation view thereof; and
- 1.7 is a right side elevation view thereof.

1 Claim, 4 Drawing Sheets



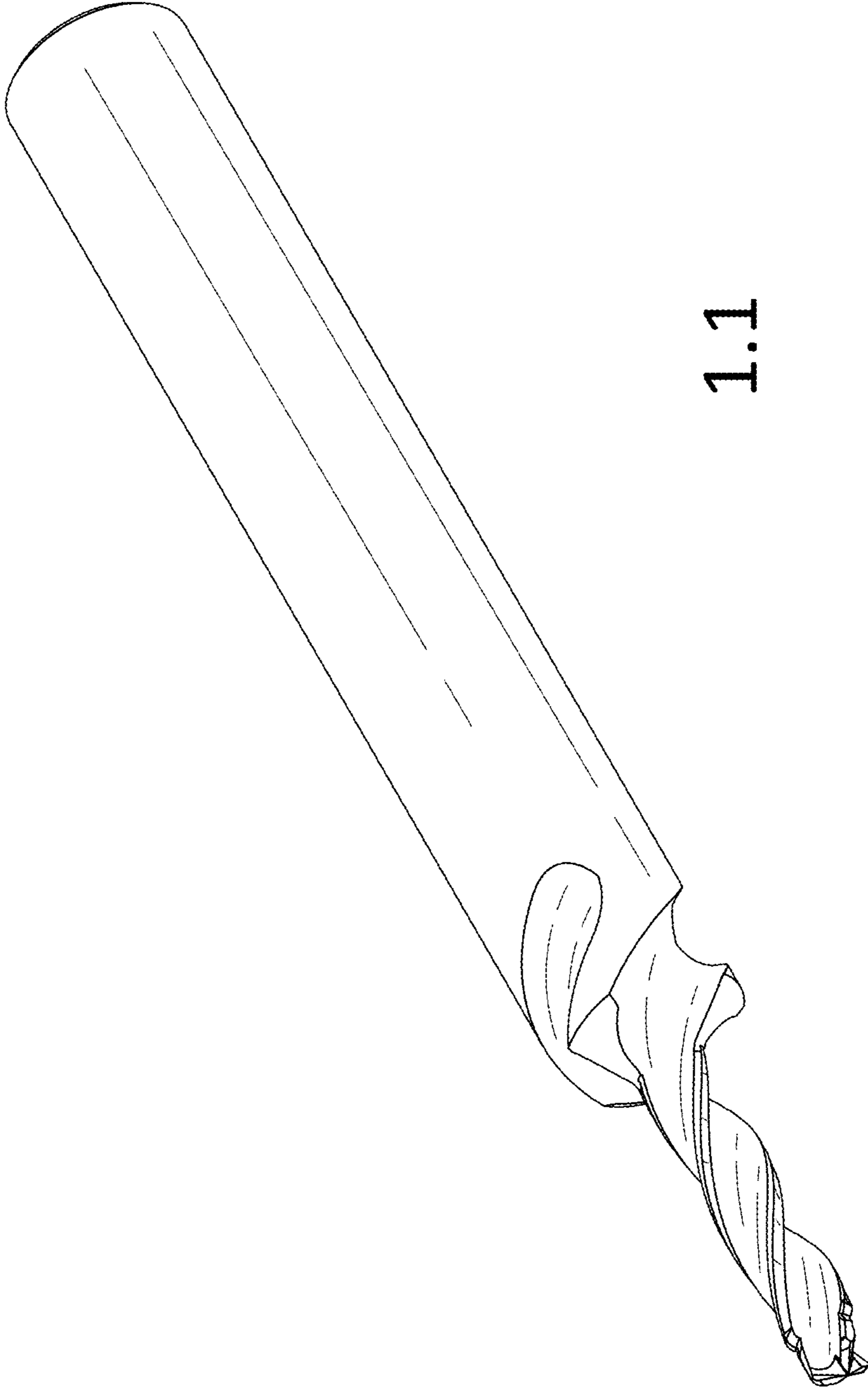
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References Cited

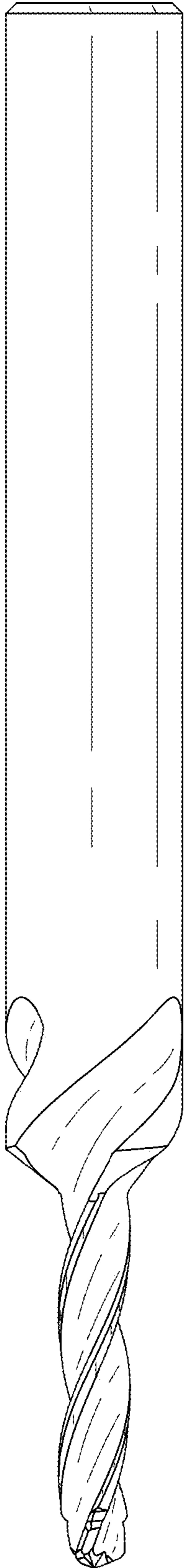
U.S. PATENT DOCUMENTS

2016/0151842 A1* 6/2016 Bjork B23B 51/02
408/59
2018/0257151 A1* 9/2018 Park B23B 51/02
2019/0234150 A1* 8/2019 Miebach E21B 10/44

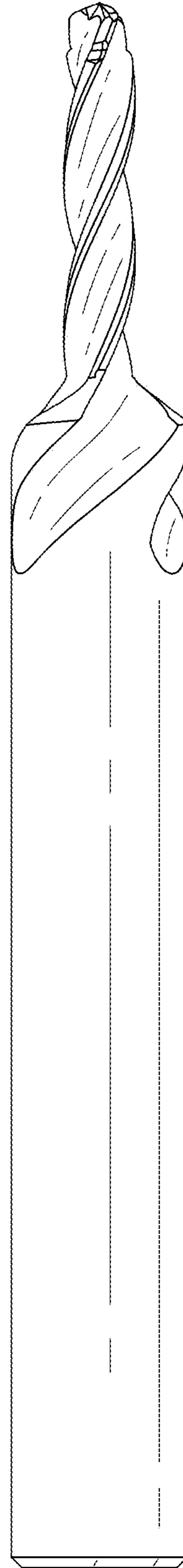
* cited by examiner



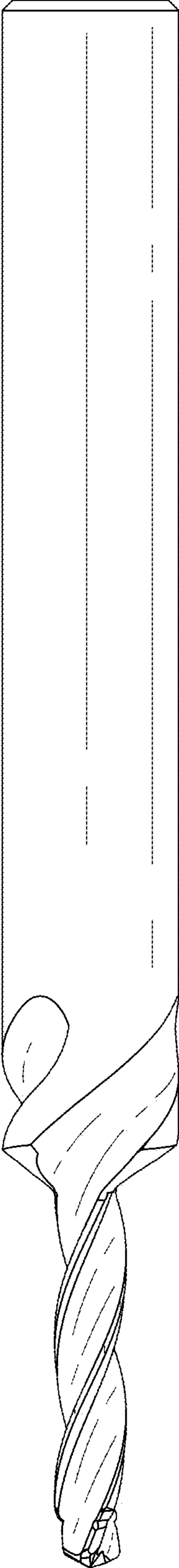
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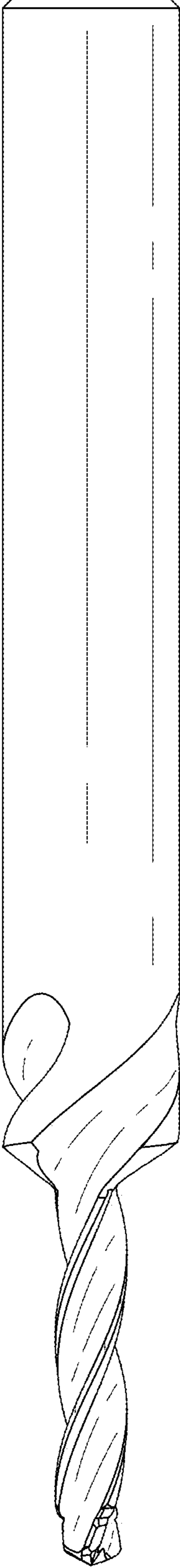
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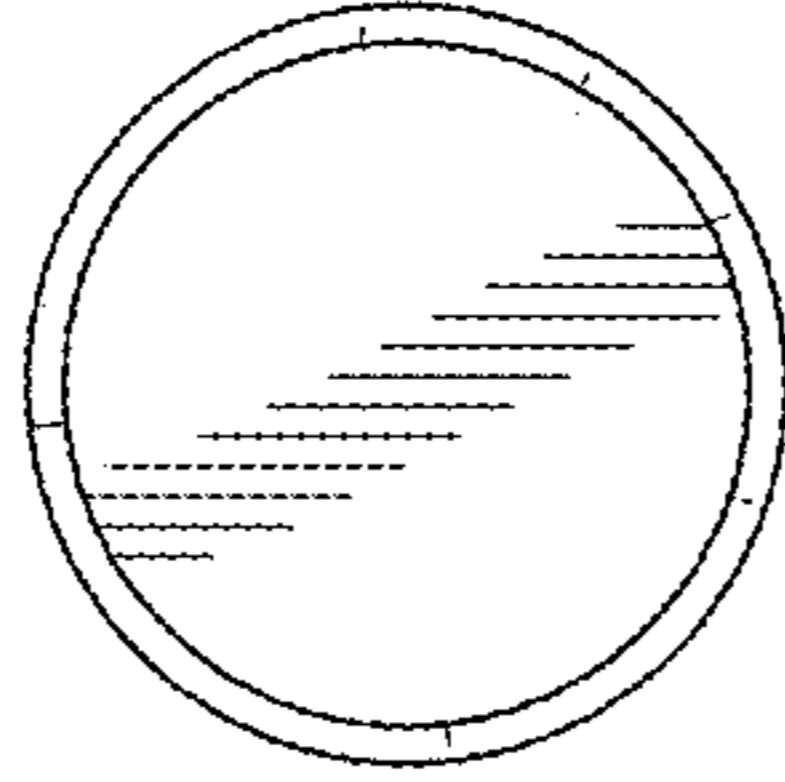
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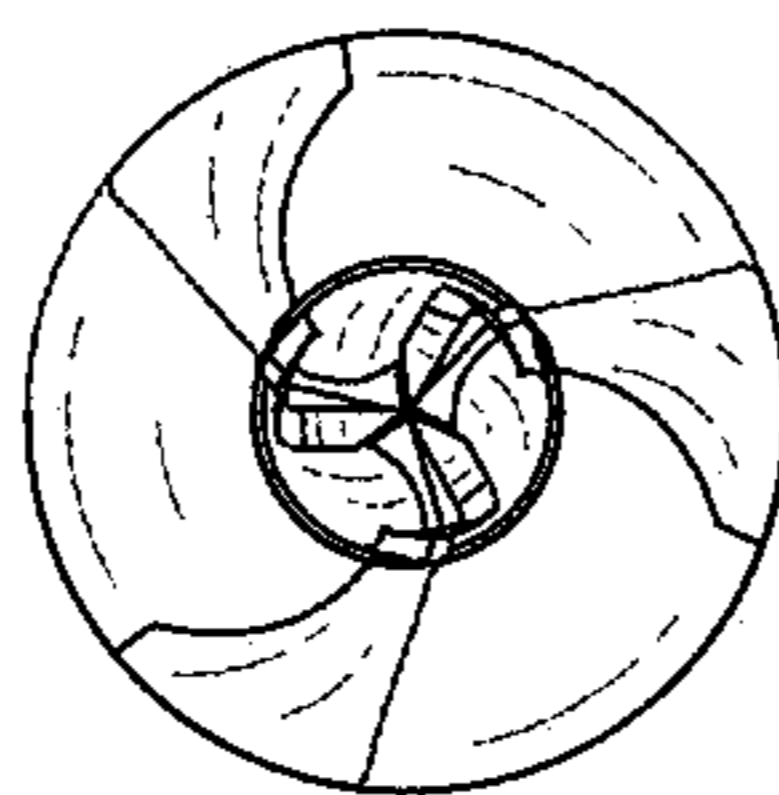
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1.7



1.6