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Kim et al.

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(54) **DRILL BIT**

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

(58) **Field of Classification Search**
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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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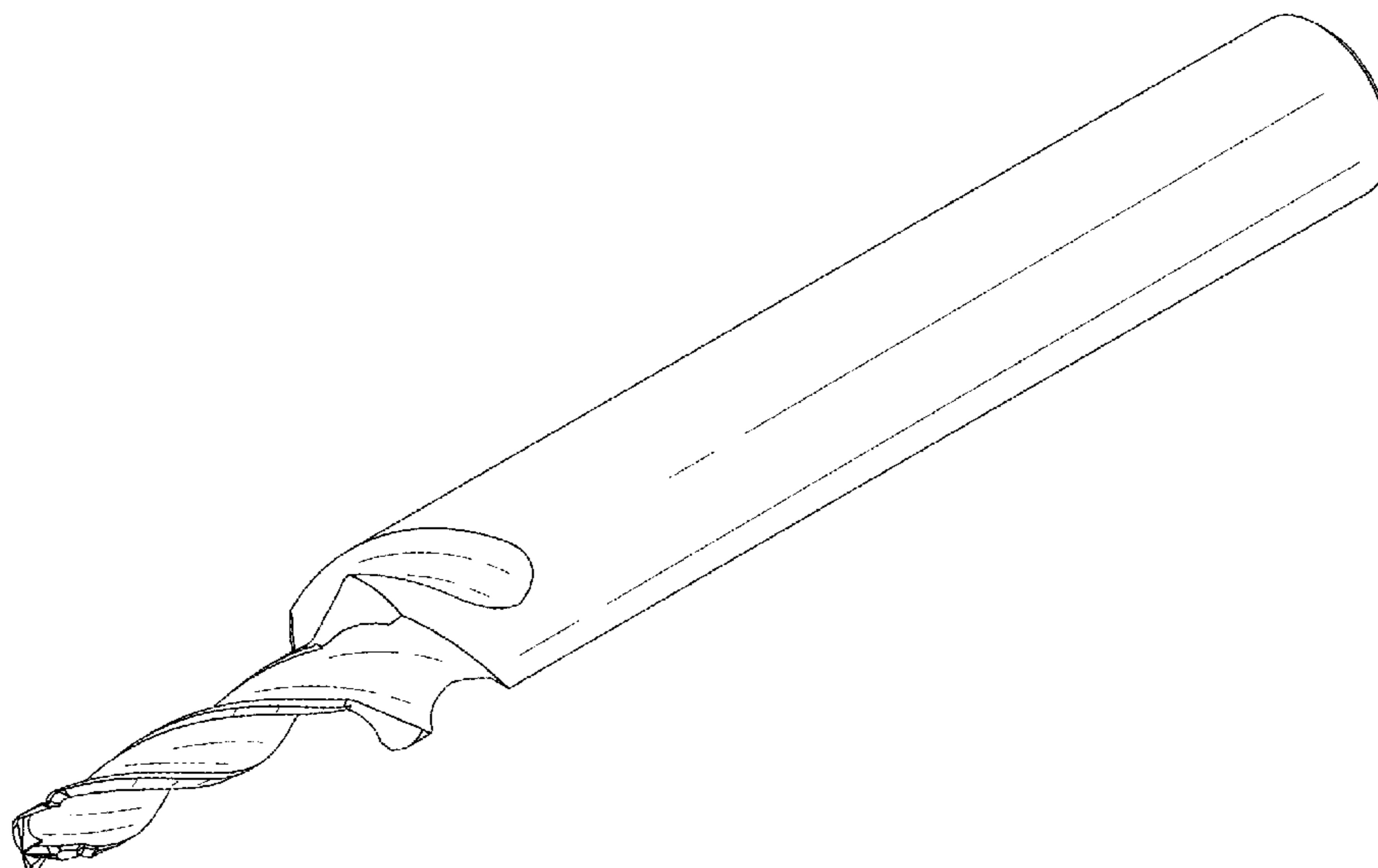
(57) **CLAIM**

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



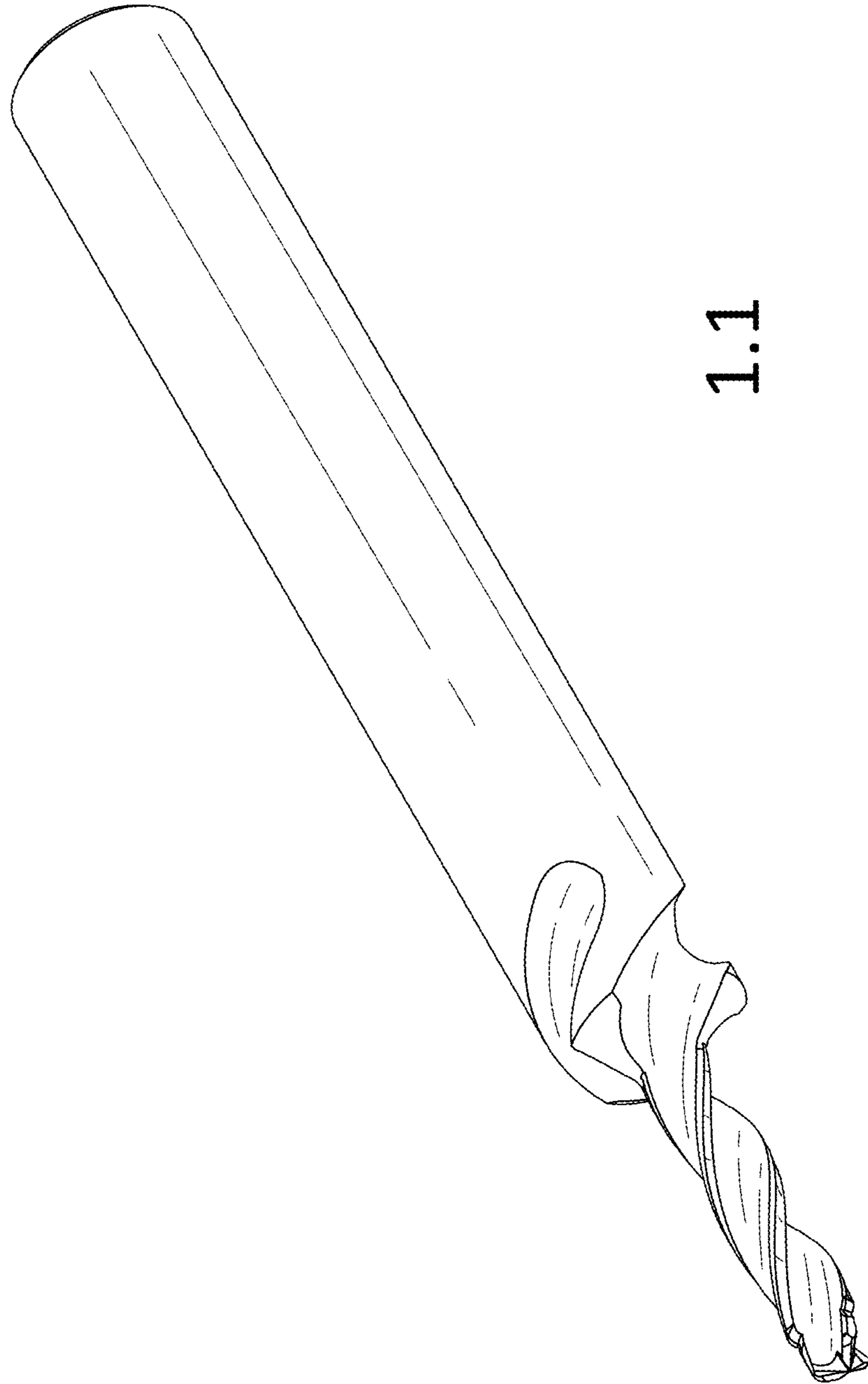
(56)

References Cited

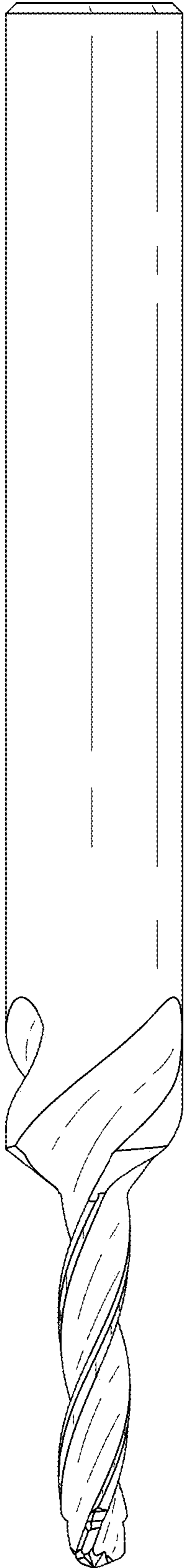
U.S. PATENT DOCUMENTS

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

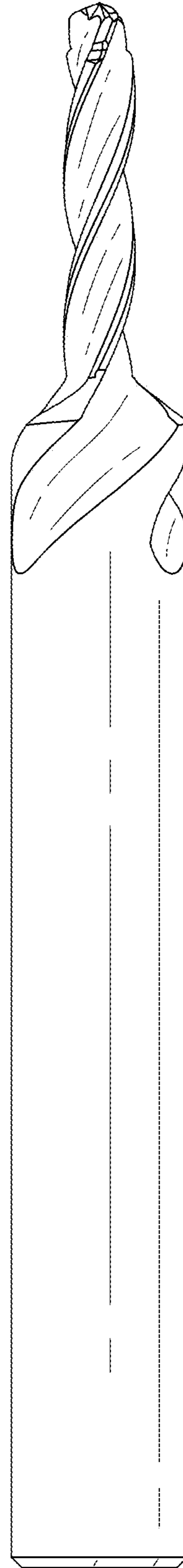
* cited by examiner



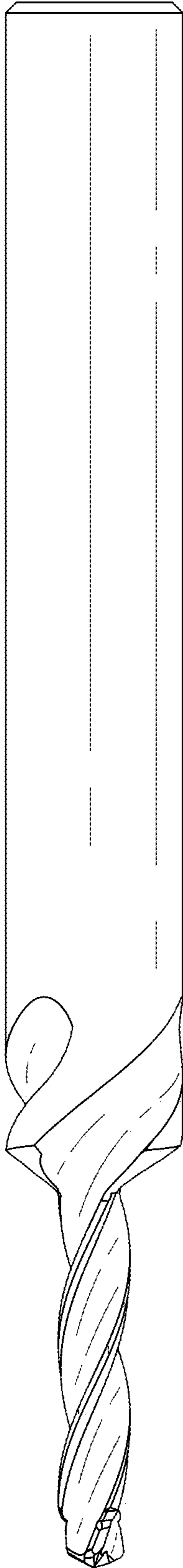
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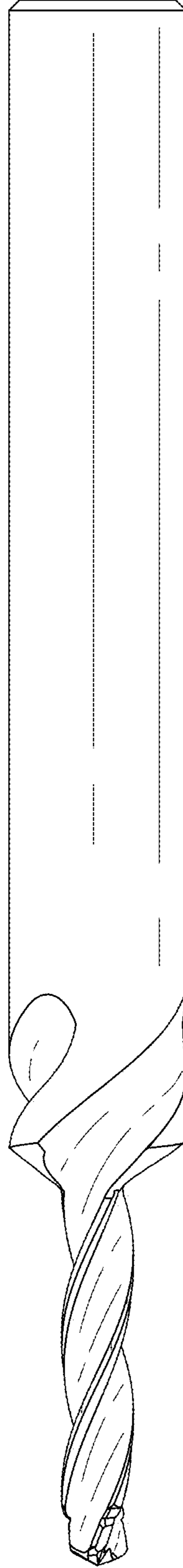
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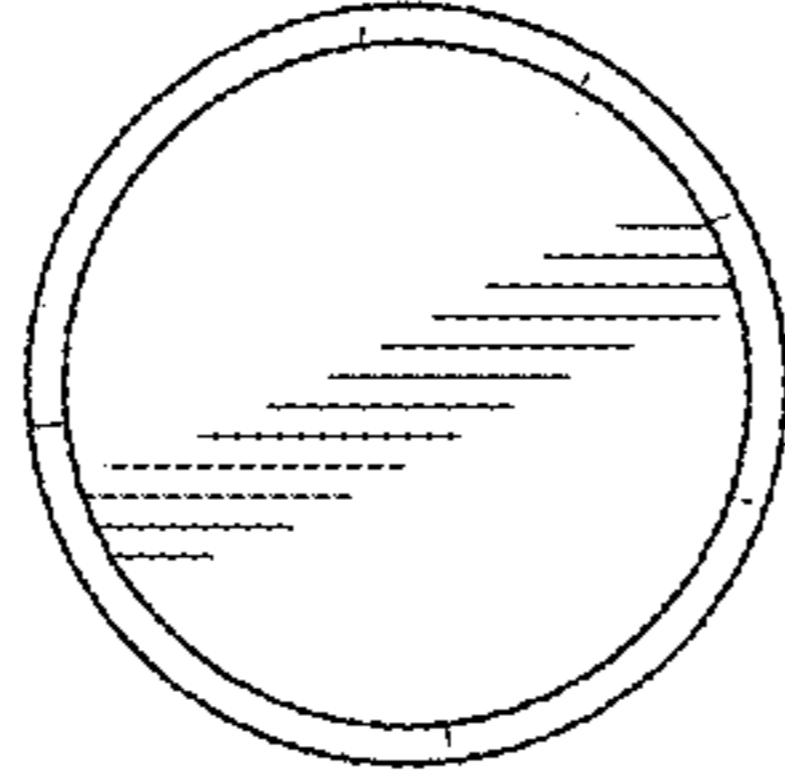
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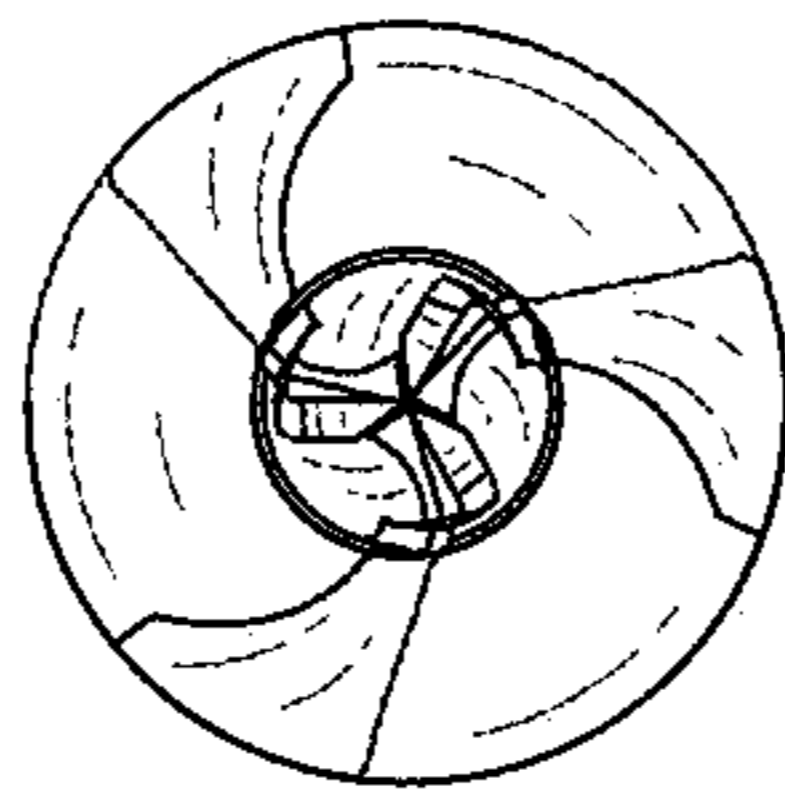
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1.5



1.7



1.6