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

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(54) **CIRCULAR SAW BLADE**

Primary Examiner — Darlington Ly

(71) Applicant: **BLACK & DECKER INC.**, New Britain, CT (US)

(74) *Attorney, Agent, or Firm* — Scott B. Markow

(72) Inventors: **David Brutscher**, Simpsonville, KY (US); **John P. Wells**, Eminence, KY (US)

(57) **CLAIM**

(73) Assignee: **Black & Decker Inc.**, New Britain, CT (US)

The ornamental design for a circular saw blade, as shown and described.

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

DESCRIPTION

(21) Appl. No.: **29/587,363**

(22) Filed: **Dec. 13, 2016**

(51) **LOC (11) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/70; D15/133**

(58) **Field of Classification Search**
USPC D8/20, 66, 70; D15/133, 138, 139
CPC B23D 61/006; B23D 65/00; B26D 7/086;
B26D 7/2614
See application file for complete search history.

FIG. 1 is a perspective view of a first embodiment of a circular saw blade.

FIG. 2 is a front elevation view of the circular saw blade of FIG. 1.

FIG. 3 is a rear elevation view of the circular saw blade of FIG. 1.

FIG. 4 is a left side elevation view of the circular saw blade of FIG. 1;

FIG. 5 is a right side elevation view of the circular saw blade of FIG. 1.

FIG. 6 is a top plan view of the circular saw blade of FIG. 1.

FIG. 7 is a bottom plan view of the circular saw blade of FIG. 1.

FIG. 8 is a perspective view of a second embodiment of the circular saw blade.

FIG. 9 is a front elevation view of the circular saw blade of FIG. 8.

FIG. 10 is a rear elevation view of the circular saw blade of FIG. 8.

FIG. 11 is a left side elevation view of the circular saw blade of FIG. 8.

FIG. 12 is a right side elevation view of the circular saw blade of FIG. 8.

FIG. 13 is a top plan view of the circular saw blade of FIG. 8; and,

FIG. 14 is a bottom plan view of the circular saw blade of FIG. 8.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D191,198 S	5/1877	Tilton	
1,083,645 A	1/1914	Wettstein	
D277,930 S *	3/1985	Croydon	D8/66
D277,931 S *	3/1985	Croydon	D8/66
4,574,676 A	3/1986	Jansen-Herfeld	
D283,784 S *	5/1986	Croydon	D15/133
4,776,251 A	10/1988	Carter, Jr.	
4,794,835 A	1/1989	Fujiyoshi	
5,012,792 A	5/1991	Kawata et al.	
D323,965 S *	2/1992	Moller	D8/70

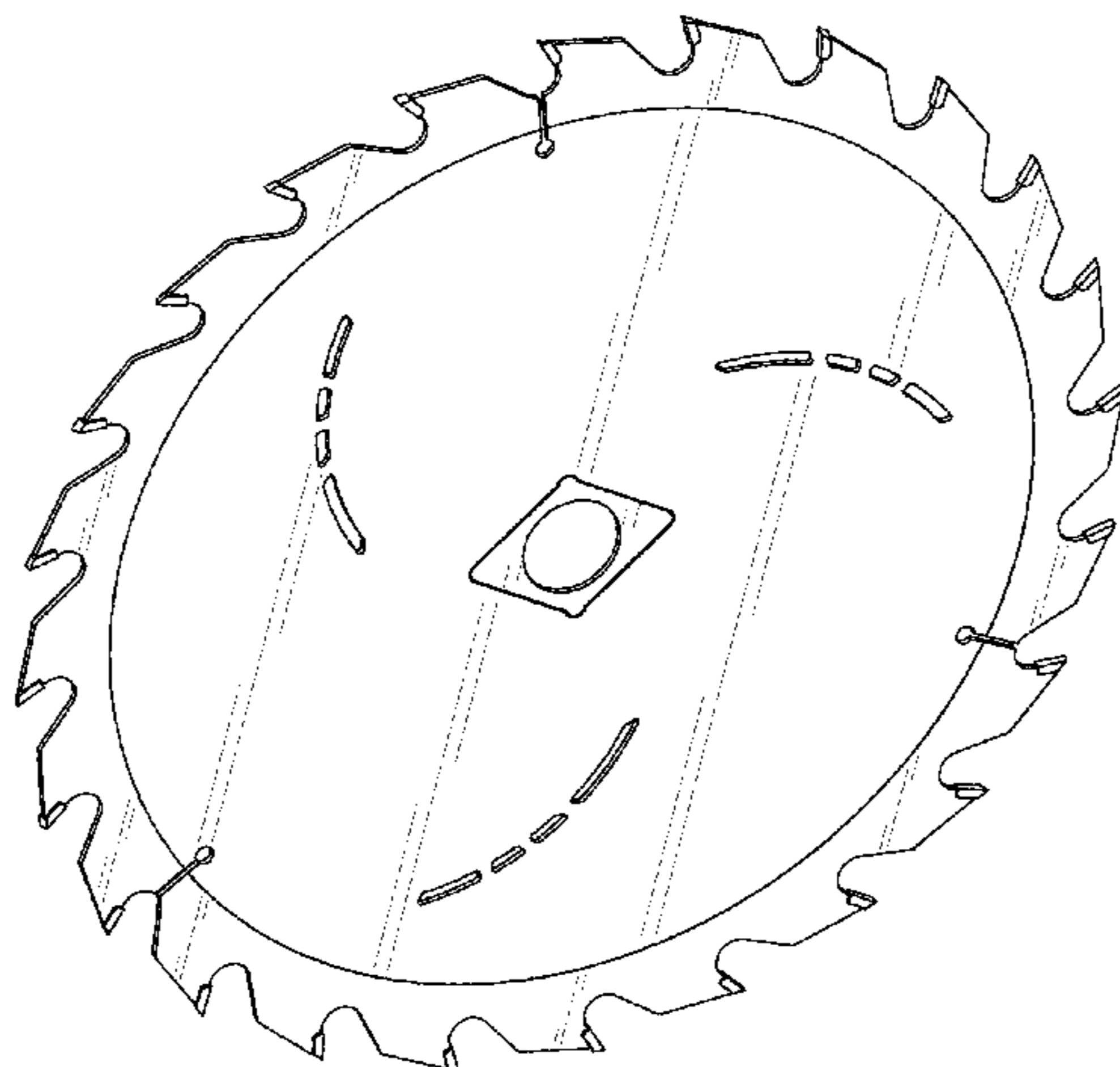
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FOREIGN PATENT DOCUMENTS

DE	102007022001 B4	6/2011
DE	102012004212 A1	9/2013

(Continued)

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,182,976 A 2/1993 Wittkopp
 D337,500 S * 7/1993 Hutchings, II D8/70
 D364,791 S * 12/1995 Dorma D8/70
 D368,419 S * 4/1996 Dorma D8/70
 5,555,788 A 9/1996 Gakhar et al.
 D382,185 S 8/1997 Gakhar et al.
 D382,786 S * 8/1997 Achterberg D8/70
 D382,787 S 8/1997 Gakhar et al.
 D383,368 S 9/1997 Achterberg et al.
 D388,318 S 12/1997 Achterberg et al.
 D392,864 S * 3/1998 Koike D15/139
 5,758,561 A 6/1998 Curtsinger et al.
 5,896,800 A 4/1999 Curtsinger et al.
 D422,865 S * 4/2000 Koike D15/139
 6,065,370 A 5/2000 Curtsinger et al.
 D442,979 S 5/2001 Turner et al.
 6,405,575 B1 6/2002 Petniunas et al.
 D485,478 S 1/2004 Sakai
 6,932,076 B2 * 8/2005 Liao B24D 5/123
 125/15
 D512,293 S 12/2005 Koike et al.
 7,156,010 B2 1/2007 Asada
 7,210,474 B2 5/2007 Gaida et al.
 D553,934 S * 10/2007 Gavins D8/70
 D579,297 S * 10/2008 Jeiziner D8/70
 D587,979 S * 3/2009 Jeiziner D8/70
 D593,584 S * 6/2009 Wilson D15/133

D598,034 S * 8/2009 Park D15/133
 D622,120 S * 8/2010 Brutscher D8/70
 8,042,443 B2 10/2011 Nishio et al.
 8,347,873 B2 1/2013 Baratta et al.
 D677,290 S * 3/2013 Brutscher D15/133
 D677,291 S * 3/2013 Brutscher D15/133
 D703,708 S 4/2014 Lizzi
 D704,754 S * 5/2014 Lizzi D15/133
 D716,355 S * 10/2014 Lizzi D15/133
 D724,124 S * 3/2015 Vicchio D15/133
 D745,354 S 12/2015 Butler
 D745,355 S 12/2015 Butler
 D745,356 S 12/2015 Butler
 D746,654 S * 1/2016 Gillet D8/70
 9,463,518 B2 * 10/2016 Brutscher B23D 61/025
 2003/0056633 A1 3/2003 Baron et al.
 2006/0213495 A1 * 9/2006 Gaida B23D 61/025
 125/15
 2009/0199693 A1 8/2009 Heyen
 2012/0192694 A1 8/2012 Brustcher et al.
 2015/0266118 A1 9/2015 Barbiero et al.

FOREIGN PATENT DOCUMENTS

EP 0819491 B1 7/1999
 EP 2450141 A1 5/2012
 JP 4236240 B2 12/2003
 WO 198705556 A1 9/1987
 WO 2013029857 A1 3/2013

* cited by examiner

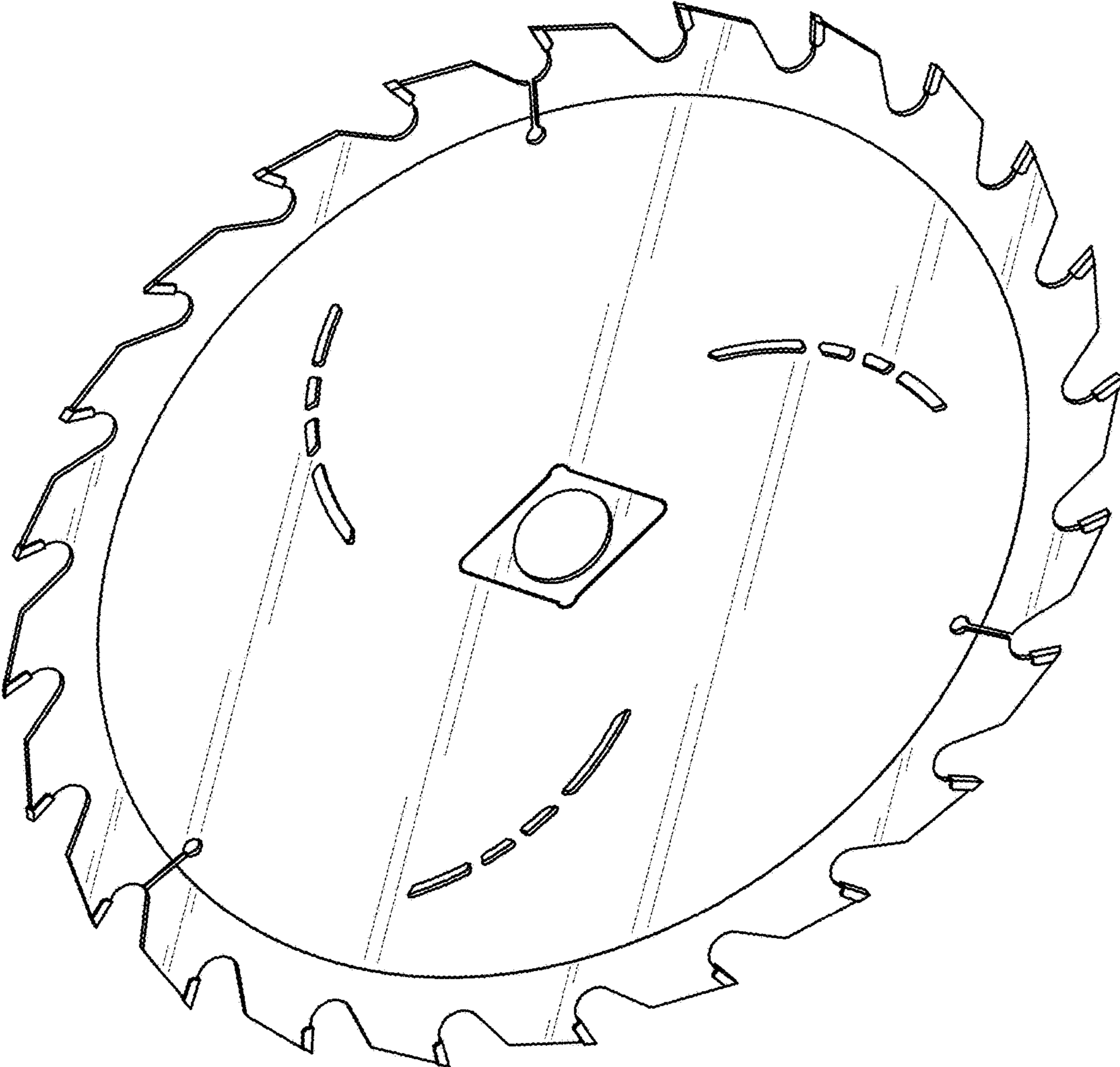


FIG. 1

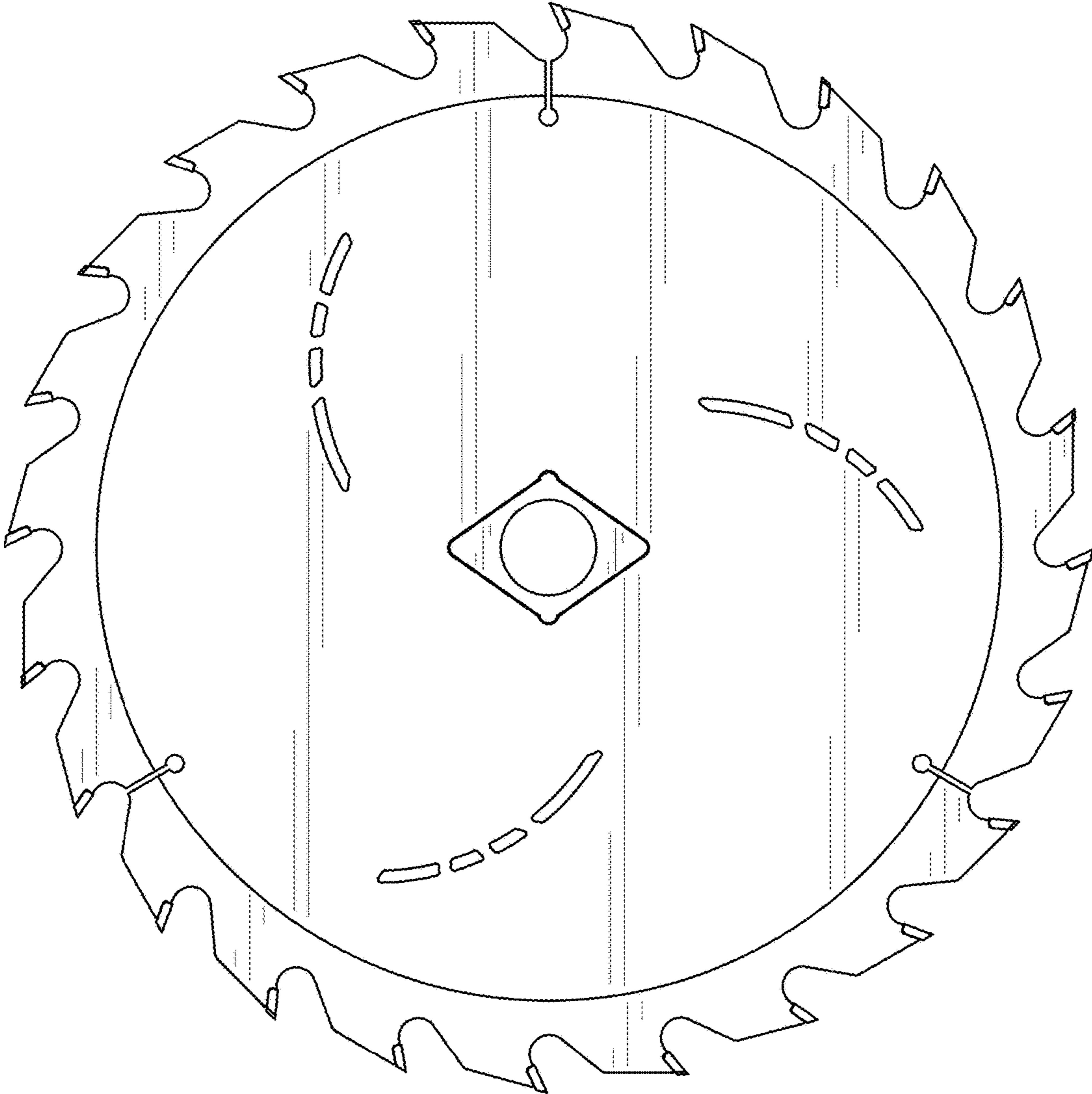


FIG. 2

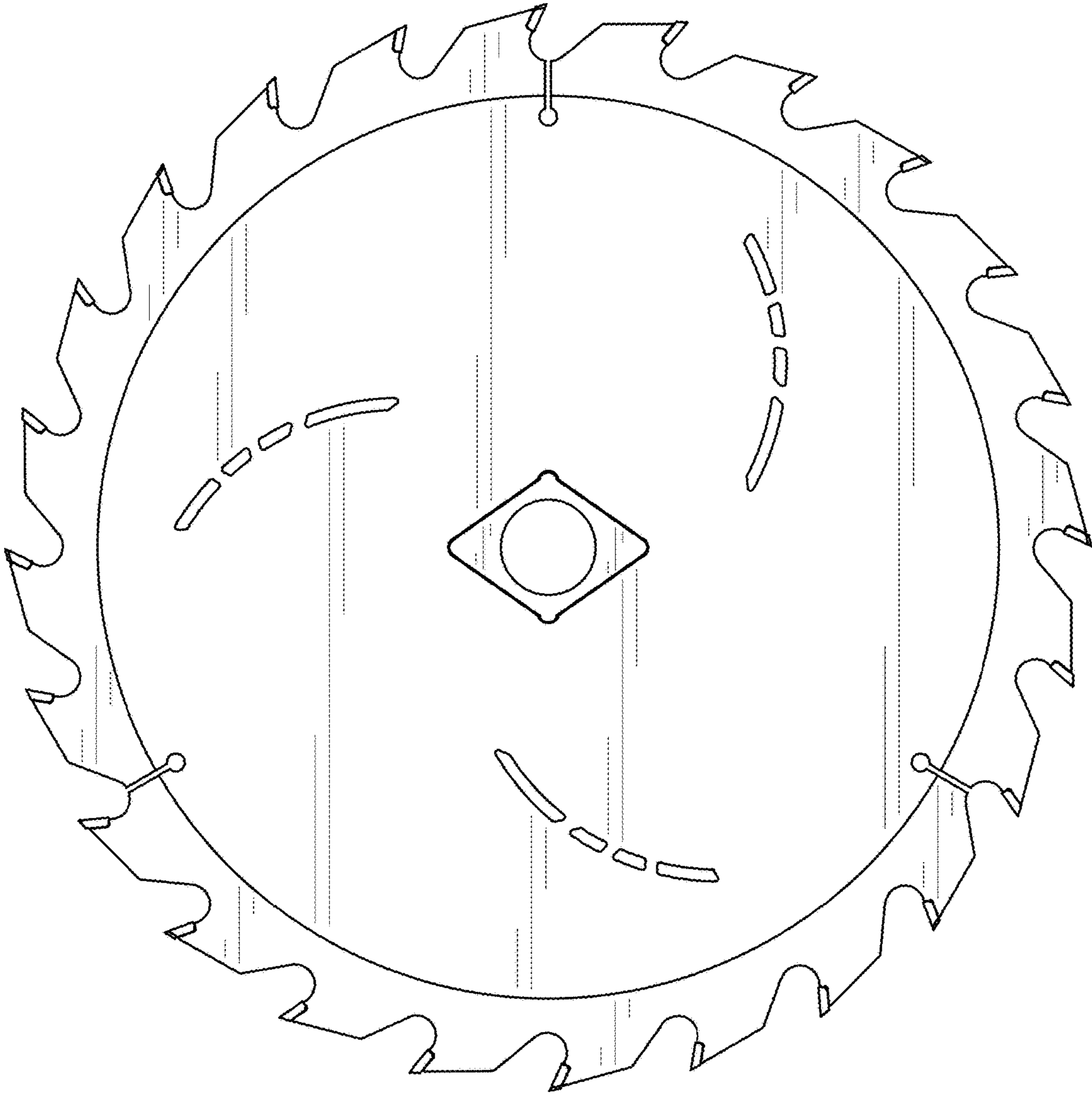


FIG. 3



FIG. 4



FIG. 5

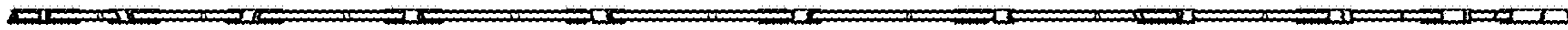


FIG. 6



FIG. 7

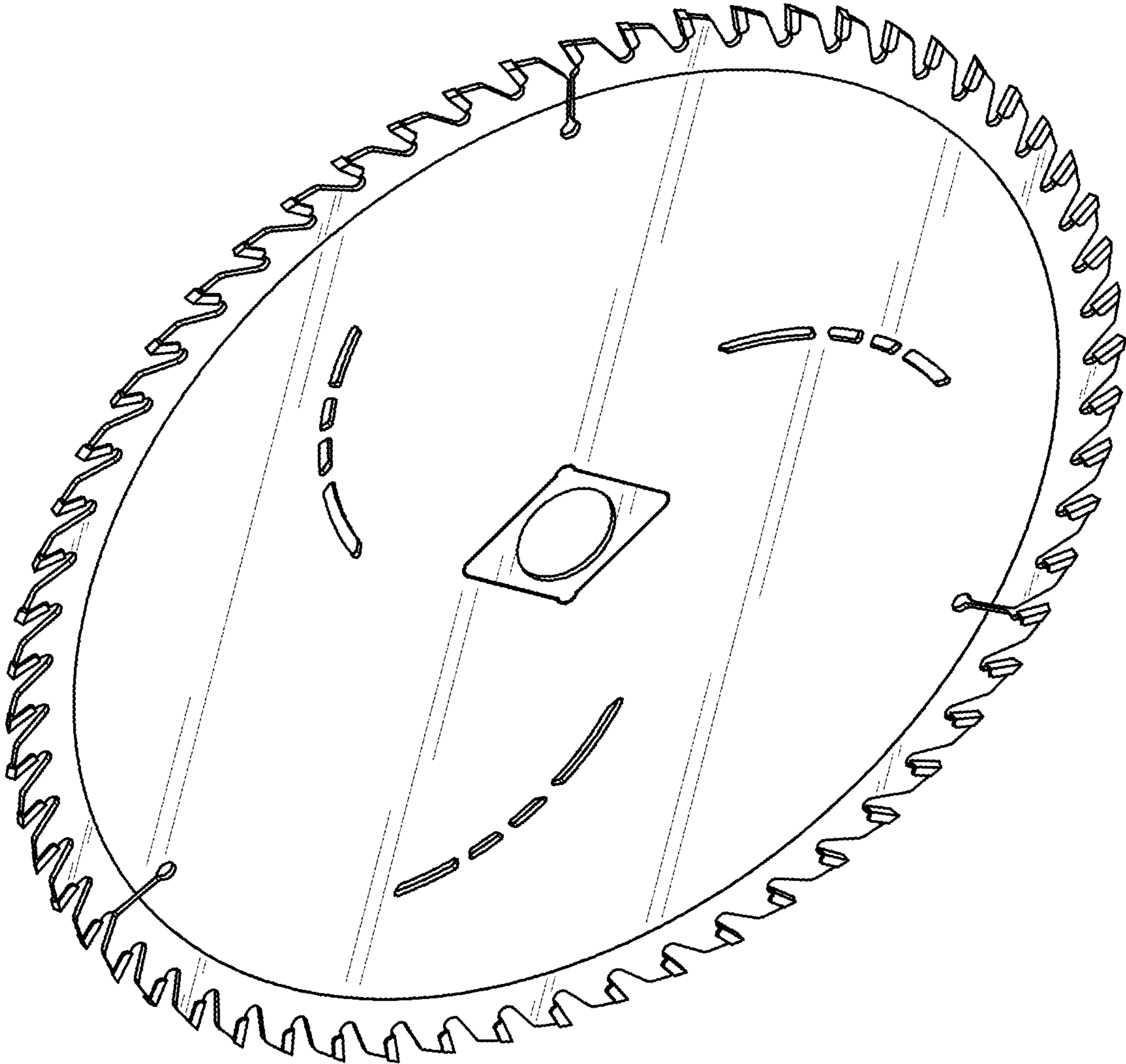


FIG. 8

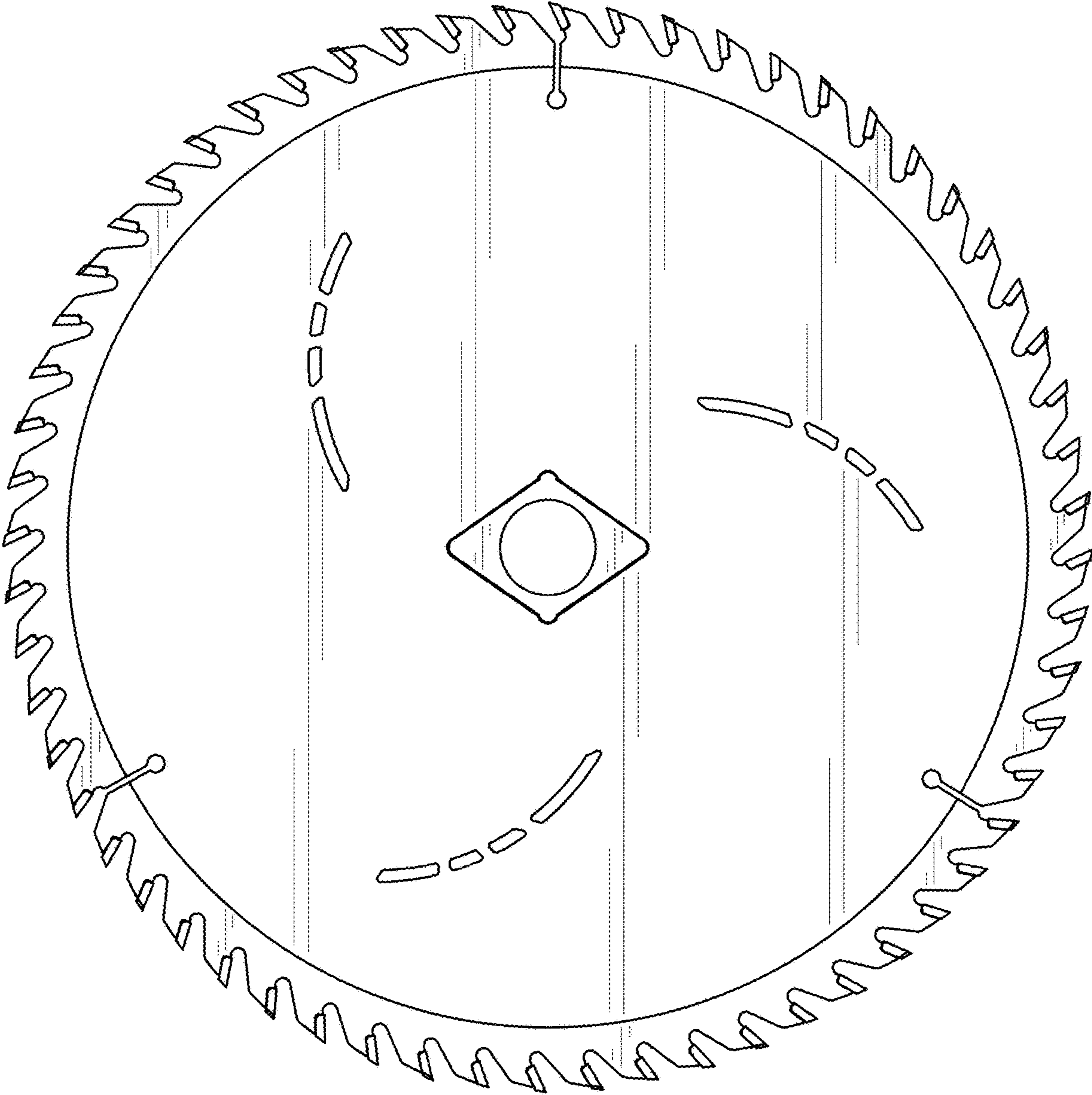


FIG. 9

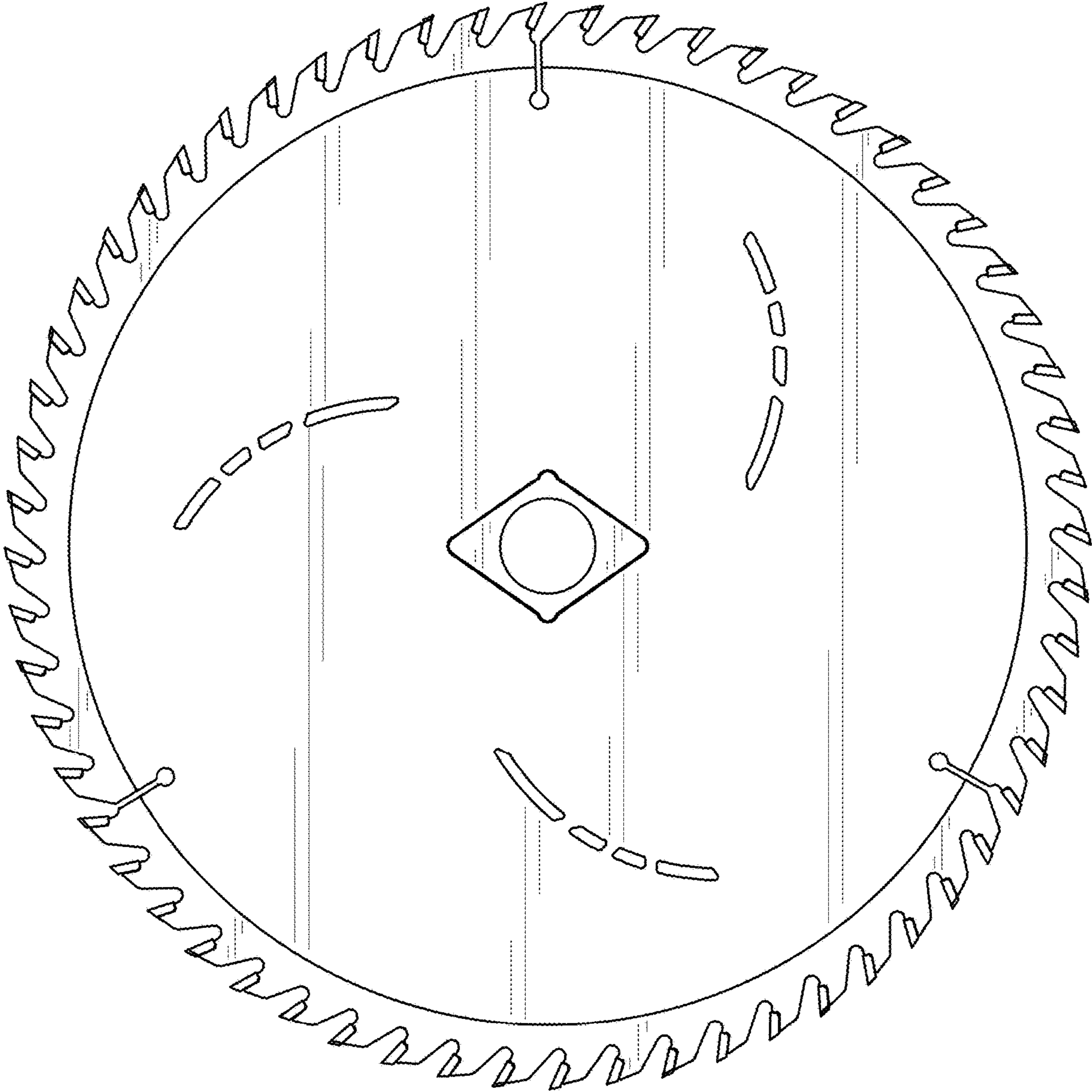


FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14