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(12) **United States Design Patent** (10) **Patent No.:** **US D526,553 S**  
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(54) **METAL-CUTTING SAW BLADE**  
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(KR)  
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451/540-547; D7/383, 694, 696, 697; D24/146  
See application file for complete search history.

D347,562 S \* 6/1994 Kim ..... D8/70  
5,392,759 A \* 2/1995 Kwang ..... 125/13.01  
5,433,187 A \* 7/1995 Hayasaka et al. .... 125/15  
D407,618 S \* 4/1999 Fujikawa ..... D8/70  
D437,762 S \* 2/2001 Suzuki ..... D8/70  
D447,496 S \* 9/2001 Lee et al. .... D8/70  
D455,625 S \* 4/2002 Levinson ..... D8/70  
D458,948 S \* 6/2002 Chianese et al. .... D15/139  
D459,374 S \* 6/2002 Kim ..... D15/139  
D460,767 S \* 7/2002 Kim et al. .... D15/139  
6,460,532 B1 \* 10/2002 Park ..... 125/13.01  
D465,795 S \* 11/2002 Choi ..... D15/139  
6,588,310 B1 \* 7/2003 Lee et al. .... 83/676  
6,638,152 B1 \* 10/2003 Kim et al. .... 451/542  
6,902,471 B1 \* 6/2005 Krondorfer et al. .... 451/359  
6,932,076 B1 \* 8/2005 Liao et al. .... 125/15  
D512,293 S \* 12/2005 Koike et al. .... D8/70  
D513,952 S \* 1/2006 Lee et al. .... D8/70  
2003/0029296 A1 \* 2/2003 Donazzan ..... 83/835  
2004/0035281 A1 \* 2/2004 Gaynor ..... 83/835  
2004/0134326 A1 \* 7/2004 Long et al. .... 83/698.41  
2005/0081697 A1 \* 4/2005 Liao et al. .... 83/835

**FOREIGN PATENT DOCUMENTS**

KR 30-0359014 A 8/2004

\* cited by examiner

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(56) **References Cited**  
U.S. PATENT DOCUMENTS

87,092 A \* 2/1869 Cook ..... 83/854  
869,574 A \* 10/1907 Huther ..... 83/838  
RE13,300 E \* 10/1911 Williams et al. .... 83/851  
1,388,186 A \* 8/1921 McCormick ..... 30/389  
2,903,782 A \* 9/1959 Cowley ..... 83/676  
3,145,511 A \* 8/1964 Bird et al. .... 451/541  
3,570,355 A \* 3/1971 Spengler ..... 83/663  
4,445,413 A \* 5/1984 Ohwada ..... 83/676  
4,462,724 A \* 7/1984 Miettunen et al. .... 125/15  
4,516,560 A \* 5/1985 Cruickshank et al. .... 125/15  
4,624,237 A \* 11/1986 Inoue ..... 451/541  
4,665,887 A \* 5/1987 Shiga ..... 125/15  
4,707,950 A \* 11/1987 Kawasaki ..... 451/541  
4,867,025 A \* 9/1989 Eklof et al. .... 83/676  
4,881,438 A \* 11/1989 Pinney ..... 83/835  
5,218,947 A \* 6/1993 Ajamian ..... 451/546

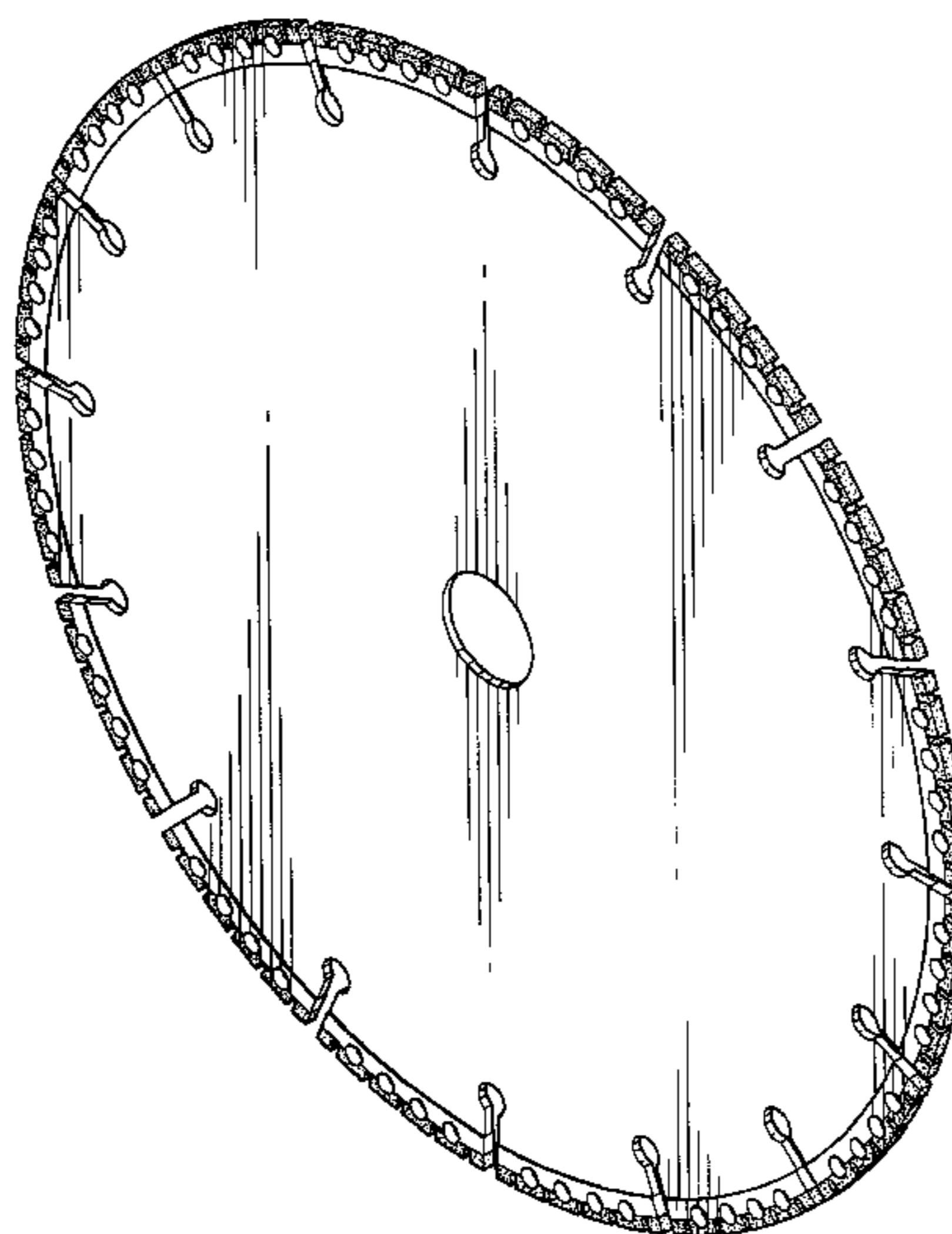
(57) **CLAIM**

The ornamental design for a metal-cutting saw blade, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the metal-cutting saw blade of the present invention;  
FIG. 2 is a front view thereof;  
FIG. 3 is a left side view thereof; and,  
FIG. 4 is a top plan view thereof.

**1 Claim, 3 Drawing Sheets**



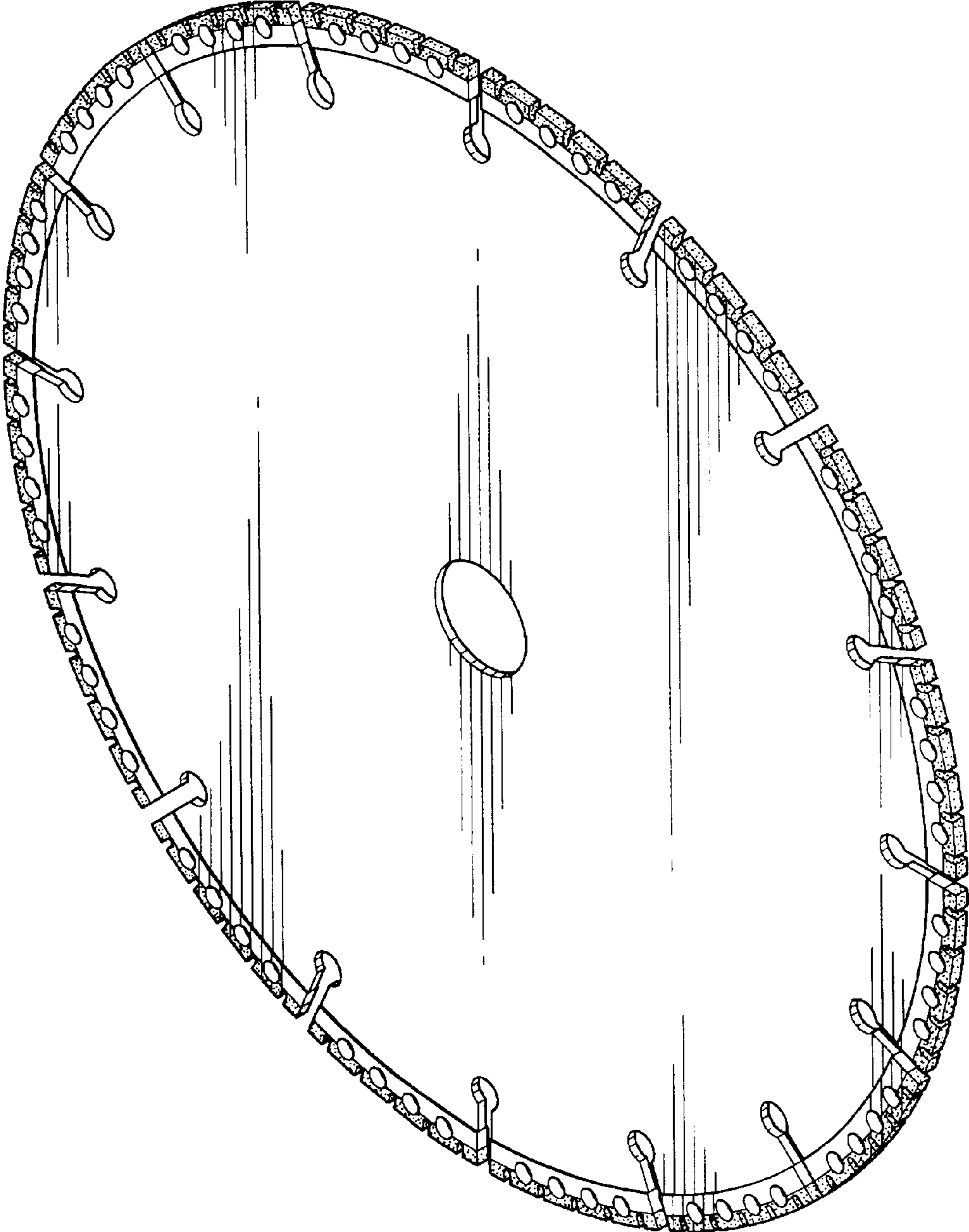


FIG. 1

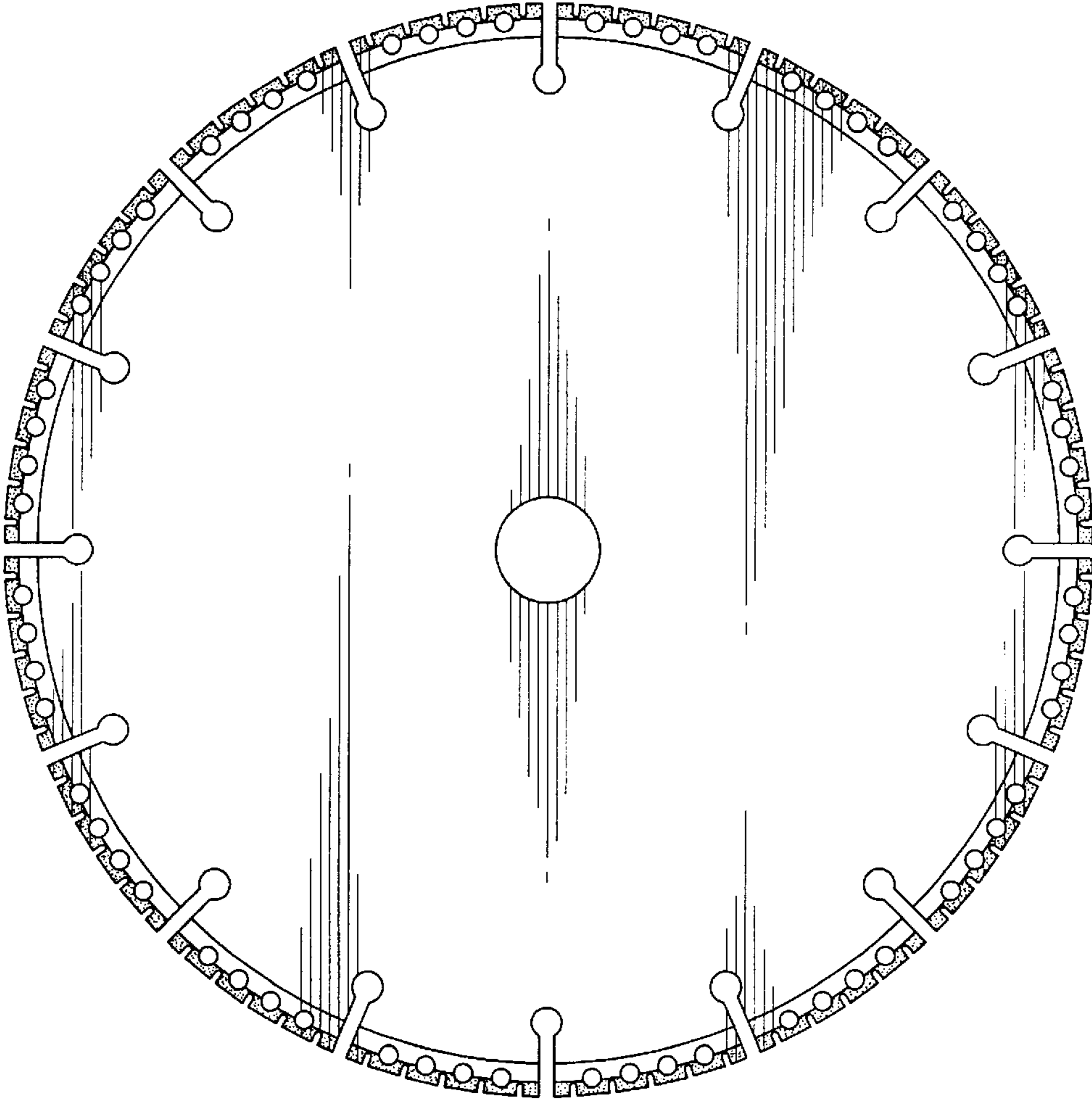


FIG. 2



FIG. 3

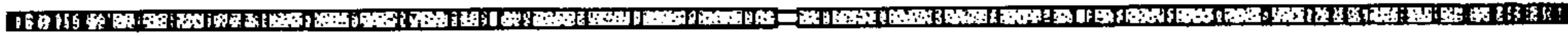


FIG. 4