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

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(54) **SAW BLADE**

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(\*\*) Term: **14 Years**

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**Related U.S. Application Data**

(60) Division of application No. 29/433,586, filed on Oct. 2, 2012, now Pat. No. Des. 688,543, which is a continuation-in-part of application No. 29/416,281, filed on Mar. 20, 2012, now Pat. No. Des. 687,275, and a continuation-in-part of application No. 13/566,985, filed on Aug. 3, 2012.

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(58) **Field of Classification Search**  
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D15/139; 7/158; 30/144, 166.3, 208, 346,  
30/351; 83/835, 839, 846, 847, 848, 849,  
83/850-855, 699.21

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

118,800 A	9/1871	Green
507,071 A	10/1893	Huff
529,528 A	11/1894	Goff
615,518 A	12/1898	Baker et al.
730,398 A	6/1903	Pridmore
791,758 A	6/1905	Earle
1,136,561 A	4/1915	Stewart

(Continued)

FOREIGN PATENT DOCUMENTS

CN	1077474	1/2002
DE	3229804	2/1984

(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion for Application No. PCT/US2012/049655 dated Jan. 30, 2013 (15 pages).

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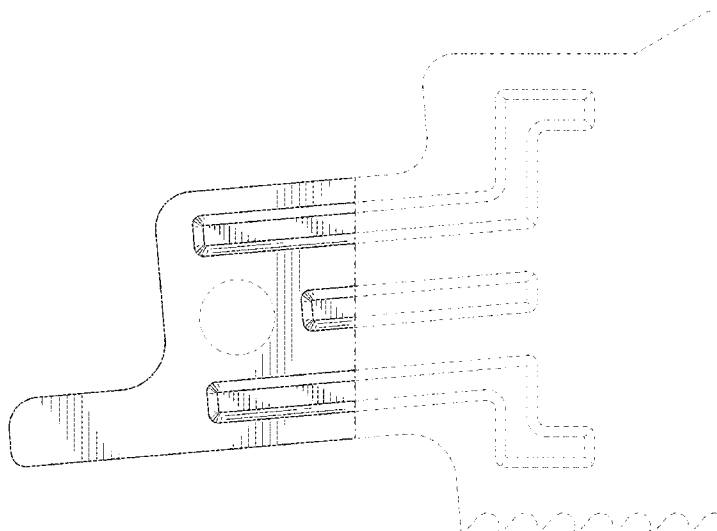
(57) **CLAIM**

We claim the ornamental design for a saw blade, as shown and described.

**DESCRIPTION**

FIG. 1 is a side view of a saw blade showing my new design. FIG. 2 is an end view of the saw blade shown in FIG. 1. FIG. 3 is a top view of the saw blade and shown in FIG. 1; and, FIG. 4 is a bottom view of the saw blade shown in FIG. 1. The elements shown in broken lines are included for the purpose of illustrating environment and form no part of the claimed design. The long and short broken lines in FIGS. 1-4 that define the bounds of the claimed design form no part thereof.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

1,294,554 A 2/1919 Smith  
 1,352,140 A 9/1920 Napier  
 1,676,071 A 7/1928 Bolinder  
 2,784,751 A 3/1957 Alexander  
 2,791,248 A 5/1957 Beale  
 2,987,086 A 6/1961 Westlund, Jr.  
 3,028,889 A 4/1962 McCarty  
 3,261,097 A 7/1966 Ritter  
 3,357,462 A 12/1967 Carven  
 3,537,491 A 11/1970 Kolesh  
 3,602,991 A 9/1971 Heinrich et al.  
 3,630,699 A 12/1971 Catlin et al.  
 3,716,916 A 2/1973 Alexander  
 3,742,603 A 7/1973 Yamaoka  
 3,916,522 A 11/1975 Sakai et al.  
 3,927,893 A 12/1975 Dillon et al.  
 3,929,050 A 12/1975 Salzwedel  
 3,988,955 A 11/1976 Engel et al.  
 3,990,338 A 11/1976 Wikner et al.  
 3,994,065 A 11/1976 Plum  
 4,021,899 A 5/1977 Jensen  
 4,036,236 A 7/1977 Rhodes, Jr.  
 4,039,700 A 8/1977 Sohmer et al.  
 4,102,230 A 7/1978 Magnusson et al.  
 4,106,181 A 8/1978 Mattchen  
 4,248,284 A 2/1981 Tomosada  
 4,385,441 A 5/1983 Young  
 4,386,609 A 6/1983 Mongeon  
 4,442,559 A 4/1984 Collins  
 4,513,742 A 4/1985 Arnegger  
 4,574,676 A 3/1986 Jansen-Herfeld  
 4,625,594 A 12/1986 Janke  
 4,806,731 A 2/1989 Bragard et al.  
 4,819,334 A 4/1989 Mongeon  
 4,872,452 A 10/1989 Alexson  
 4,943,042 A 7/1990 Jung  
 4,945,640 A 8/1990 Garg et al.  
 5,002,555 A 3/1991 Petersen  
 5,016,356 A 5/1991 Trench  
 5,088,372 A 2/1992 Lund et al.  
 5,100,506 A 3/1992 Sturtevant et al.  
 5,103,565 A 4/1992 Holzer, Jr.  
 5,119,708 A 6/1992 Musgrove  
 5,122,142 A 6/1992 Pascaloff  
 5,133,728 A 7/1992 Petersen  
 5,135,533 A 8/1992 Petersen et al.  
 5,182,976 A 2/1993 Wittkopp  
 5,193,280 A 3/1993 Jackson  
 5,219,378 A 6/1993 Arnold  
 5,295,426 A 3/1994 Planchon  
 5,340,129 A 8/1994 Wright  
 5,433,457 A 7/1995 Wright  
 D361,029 S 8/1995 Goris  
 D365,424 S 12/1995 Weller  
 5,507,763 A 4/1996 Petersen et al.  
 5,517,889 A 5/1996 Logan  
 5,524,518 A 6/1996 Sundstrom  
 5,554,165 A 9/1996 Raitt et al.  
 5,555,788 A 9/1996 Gakhar et al.  
 5,573,255 A 11/1996 Salpaka  
 5,644,847 A 7/1997 Odendahl et al.  
 D388,318 S 12/1997 Achterberg et al.  
 5,704,828 A 1/1998 Young et al.  
 5,711,287 A 1/1998 Speer  
 5,724,742 A 3/1998 Grabowski  
 5,802,947 A 9/1998 Ward, Jr. et al.  
 5,809,657 A 9/1998 Mortensen  
 D402,516 S 12/1998 Okada  
 D406,023 S 2/1999 Okada  
 5,918,525 A 7/1999 Schramm  
 RE36,269 E 8/1999 Wright  
 5,946,810 A 9/1999 Hoelderlin et al.  
 6,023,848 A 2/2000 Dassoulas et al.  
 6,145,426 A 11/2000 Ward et al.  
 6,178,646 B1 1/2001 Schnell et al.

6,234,727 B1 5/2001 Barazani  
 D448,634 S 10/2001 Hickman  
 6,401,585 B1 6/2002 Morgan  
 D465,138 S 11/2002 Raines  
 6,532,855 B1 3/2003 Ward et al.  
 D479,106 S 9/2003 Robertsson  
 D479,107 S 9/2003 Rack  
 6,612,039 B2 9/2003 Kakiuchi et al.  
 6,656,186 B2 12/2003 Meckel  
 6,662,698 B2 12/2003 Wheeler et al.  
 6,678,959 B1 1/2004 Phillip et al.  
 6,684,481 B2 2/2004 Kullmer  
 6,725,548 B1 4/2004 Kramer et al.  
 6,857,348 B1 2/2005 Mason  
 6,860,886 B1 3/2005 Lee  
 6,871,405 B2 3/2005 Reale et al.  
 6,872,133 B2 3/2005 Lee et al.  
 6,895,650 B2 5/2005 Fried et al.  
 6,896,679 B2 5/2005 Danger et al.  
 7,001,403 B2 2/2006 Hausmann et al.  
 D522,819 S \* 6/2006 Launder ..... D8/16  
 7,127,820 B2 10/2006 Miller  
 D534,401 S 1/2007 Duffin et al.  
 D536,791 S 2/2007 Eskridge et al.  
 7,251,897 B2 8/2007 Shuhua  
 7,257,900 B2 8/2007 Wheeler et al.  
 D572,821 S 7/2008 Burgard  
 D578,848 S 10/2008 Camacho  
 7,497,860 B2 3/2009 Carusillo et al.  
 D601,869 S 10/2009 Nelson  
 7,600,458 B2 10/2009 Hampton et al.  
 D603,231 S 11/2009 Fisher et al.  
 7,658,136 B2 2/2010 Rompet et al.  
 7,691,106 B2 4/2010 Schenberger et al.  
 7,748,125 B2 7/2010 Rakaczki  
 7,806,033 B2 10/2010 Kocher et al.  
 7,871,080 B2 1/2011 Marini et al.  
 7,946,041 B2 5/2011 Frankl  
 D645,330 S 9/2011 Jones et al.  
 8,042,443 B2 10/2011 Nishio et al.  
 8,046,926 B2 11/2011 Bigden et al.  
 8,261,456 B2 9/2012 Scott et al.  
 D687,275 S 8/2013 Neitzell  
 D687,276 S 8/2013 Ji  
 D688,543 S 8/2013 Neitzell et al.  
 D695,083 S 12/2013 Neitzell et al.  
 D706,099 S \* 6/2014 Neitzell et al. .... D8/20  
 2002/0184988 A1 12/2002 Rohman et al.  
 2003/0024354 A1 2/2003 Ward et al.  
 2003/0145472 A1 8/2003 Swift  
 2003/0192419 A1 10/2003 Conti  
 2004/0221461 A1 11/2004 Knisley et al.  
 2006/0053630 A1 3/2006 White  
 2006/0137498 A1 6/2006 Bowling  
 2006/0174495 A1 8/2006 Jumior  
 2007/0074405 A1 4/2007 Nottingham et al.  
 2008/0172890 A1 7/2008 Shetterly  
 2009/0071015 A1 3/2009 Scott  
 2009/0145280 A1 6/2009 Bucks et al.  
 2009/0273146 A1 11/2009 Dezheng et al.  
 2010/0175532 A1 7/2010 Evatt et al.  
 2010/0218389 A1 \* 9/2010 Kalomeris et al. .... 30/392  
 2010/0228256 A1 9/2010 Walen et al.  
 2011/0000475 A1 1/2011 Baratta et al.  
 2011/0074122 A1 3/2011 Marini et al.  
 2012/0041443 A1 2/2012 Landon  
 2012/0042765 A1 2/2012 Kazda et al.  
 2012/0090443 A1 4/2012 Butzen et al.  
 2013/0031791 A1 2/2013 Butzen et al.

FOREIGN PATENT DOCUMENTS

DE 3738016 5/1989  
 DE 3838844 5/1990  
 DE 10014222 9/2001  
 DE 10010526 10/2001  
 DE 10107847 9/2002  
 DE 69731304 11/2005  
 DE 102008018676 10/2009

(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

EP	0695607	2/1996
EP	1263333	4/2006
FR	1169494	12/1958
GB	2179593	3/1987

GB	2439291	12/2007
JP	06-143029	5/1994
JP	10-328929	12/1998
JP	2007-326194	12/2007
WO	2012028890	3/2012

\* cited by examiner

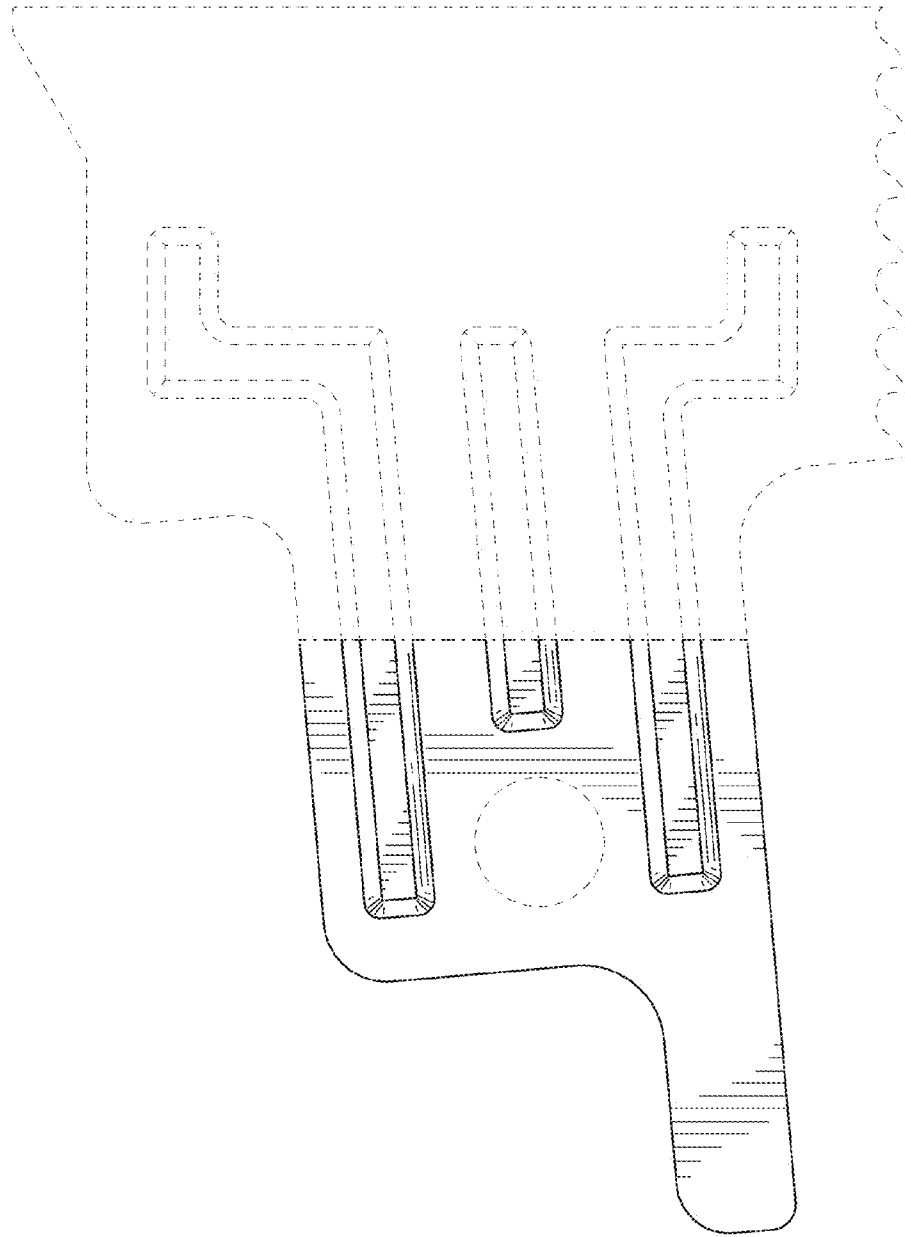


FIG. 1

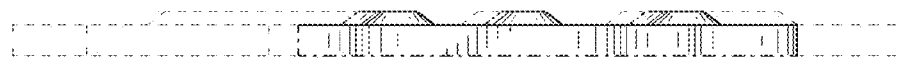
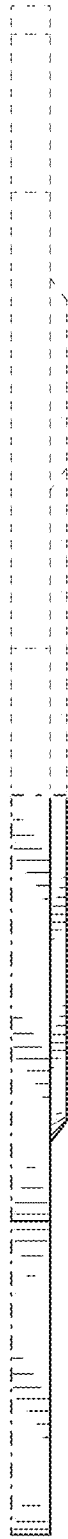
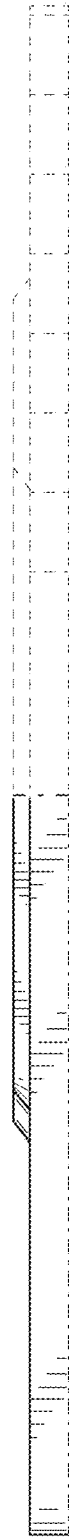


FIG. 2



**FIG. 3**



**FIG. 4**