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**Young et al.**

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(54) **GASKET HAVING RAISED SEALING SURFACE PATTERN**

(71) Applicant: **Garlock Sealing Technologies, LLC,**  
Palmyra, NY (US)

(72) Inventors: **Joseph D. Young,** Palmyra, NY (US);  
**Stefan Pitolaj,** Palmyra, NY (US);  
**Aydin Aykanat,** Palmyra, NY (US);  
**Earl J. Rogalski,** Palmyra, NY (US)

(73) Assignee: **GARLOCK SEALING TECHNOLOGIES, LLC,** Palmyra, NY (US)

(\* ) Notice: This patent is subject to a terminal disclaimer.

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

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(51) **LOC (10) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/269**

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D5/2, 3, 4, 54; D8/499; 285/95, 113,  
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CPC . F16J 15/3256; F16J 15/3404; F16J 25/2418;  
F16J 15/3288; F16J 15/36; F16L 27/06;  
F16L 27/073; F16L 41/021; F16L 19/086;  
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

306,293 A \* 10/1884 Tennant et al. .... B21B 1/227  
267/136  
530,694 A \* 12/1894 Kruger et al. .... F16J 15/064  
277/650  
D24,801 S \* 10/1895 Weale et al. .... D23/269

D26,512 S \* 1/1897 Weale et al. .... D23/269  
871,178 A 11/1907 Ostrander  
D87,410 S \* 7/1932 Riley et al. .... D25/153  
D121,940 S \* 8/1940 Aibel et al. .... D5/54  
2,307,440 A 1/1943 Wilson  
2,477,267 A \* 7/1949 Robinson ..... H01B 1/00  
174/129 R  
3,032,062 A \* 5/1962 Blahnik ..... E03D 11/00  
137/362  
3,140,342 A \* 7/1964 Avery ..... F16J 15/06  
174/356  
3,159,885 A \* 12/1964 Cowles ..... F25D 23/087  
49/478.1

(Continued)

FOREIGN PATENT DOCUMENTS

CN 101454599 A 6/2009  
EP 1566582 A1 8/2005

(Continued)

OTHER PUBLICATIONS

Extended European Search Report for Application No. EP 12 84 6866 dated Mar. 19, 2015 (3 pages).

*Primary Examiner* — John Windmuller

*Assistant Examiner* — Steven Czyz

(74) *Attorney, Agent, or Firm* — Perkins Coie LLP

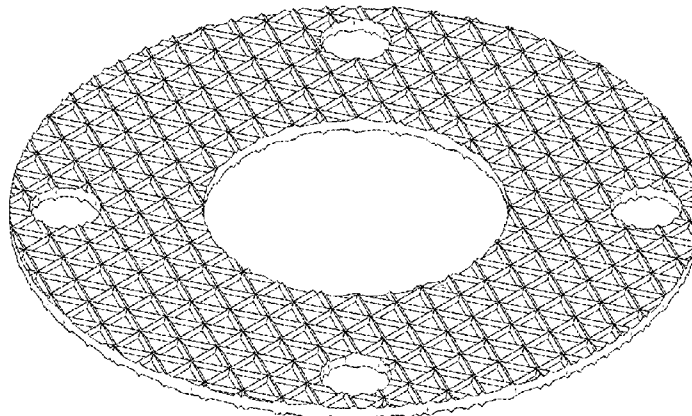
(57) **CLAIM**

The ornamental design for a gasket having raised sealing surface pattern, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a gasket having raised sealing surface pattern;  
FIG. 2 is a top plan view thereof, the bottom plan view being identical thereto;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a back elevation thereof;  
FIG. 5 is a right side elevation view thereof; and,  
FIG. 6 is a left side elevation view thereof.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

3,362,735 A 1/1968 Maxeiner  
 D215,582 S \* 10/1969 Bogan et al. .... 428/134  
 3,656,769 A \* 4/1972 Jelinek ..... F16L 23/20  
 277/611  
 3,836,183 A \* 9/1974 Battle ..... F16L 23/22  
 277/612  
 3,837,657 A 9/1974 Farnam et al.  
 3,930,656 A 1/1976 Jelinek  
 4,109,923 A 8/1978 Tuckmantel  
 4,114,908 A 9/1978 Nicholson  
 D269,111 S \* 5/1983 Logsdon ..... D23/269  
 4,650,362 A 3/1987 Kubo  
 4,756,561 A \* 7/1988 Kawata ..... F01N 13/1827  
 277/592  
 4,762,172 A 8/1988 Grehier et al.  
 4,880,669 A 11/1989 Dorn et al.  
 5,401,814 A 3/1995 Schomaker et al.  
 D363,979 S \* 11/1995 Clark ..... D23/269  
 5,510,069 A 4/1996 Schuppler et al.  
 5,669,613 A \* 9/1997 Lubienski ..... F16J 15/0887  
 277/610  
 5,693,231 A 12/1997 Johnson et al.  
 5,700,015 A 12/1997 Tensor  
 5,868,399 A \* 2/1999 Schluter ..... B32B 5/26  
 277/650  
 5,944,322 A \* 8/1999 Coff ..... F16J 15/127  
 277/594  
 5,992,857 A 11/1999 Ueda et al.  
 6,247,703 B1 \* 6/2001 Forry ..... F16J 15/104  
 277/592  
 D464,597 S \* 10/2002 Bassani ..... D12/194  
 6,530,575 B2 3/2003 Poquet et al.  
 6,588,767 B2 7/2003 Kane  
 6,790,394 B2 9/2004 Kim et al.  
 6,981,704 B2 1/2006 Okazaki et al.  
 7,361,398 B2 \* 4/2008 Dove ..... B32B 3/02  
 277/608  
 7,786,028 B2 8/2010 Souther et al.  
 7,905,498 B2 3/2011 Dempsey et al.  
 8,161,711 B2 \* 4/2012 Steed ..... E04B 2/7422  
 52/782.1  
 D666,853 S \* 9/2012 Tunstall ..... D23/269  
 D699,328 S \* 2/2014 Haynes ..... D23/269  
 D708,149 S \* 7/2014 Auguste ..... D13/156  
 D708,586 S \* 7/2014 Auguste ..... D13/156  
 D711,834 S \* 8/2014 Jones ..... D13/152  
 D721,509 S \* 1/2015 Gunter ..... D5/2  
 D732,149 S \* 6/2015 Young ..... D23/269

D737,415 S \* 8/2015 Sato ..... D23/269  
 D738,473 S \* 9/2015 Young ..... D23/269  
 D740,232 S \* 10/2015 Auguste ..... D13/156  
 D740,401 S \* 10/2015 Young ..... D23/269  
 D743,009 S \* 11/2015 Young ..... D23/269  
 2002/0050692 A1 \* 5/2002 Nishimuro ..... F16F 9/526  
 277/650  
 2005/0127615 A1 6/2005 Matsuki et al.  
 2005/0280214 A1 12/2005 Richards  
 2006/0266642 A1 11/2006 Akle et al.  
 2007/0075505 A1 \* 4/2007 Itoi ..... F16J 15/104  
 277/650  
 2007/0122679 A1 5/2007 Hayashi et al.  
 2007/0154769 A1 7/2007 Kuroki et al.  
 2007/0228668 A1 10/2007 Dempsey et al.  
 2008/0280040 A1 11/2008 Barrall et al.  
 2008/0309027 A1 12/2008 Rogeon et al.  
 2009/0029231 A1 1/2009 Hood et al.  
 2010/0186740 A1 7/2010 Lewis et al.  
 2010/0221064 A1 \* 9/2010 West ..... F16B 43/001  
 403/288  
 2010/0253012 A1 \* 10/2010 Zhuang ..... C09J 7/0217  
 277/637  
 2010/0276125 A1 11/2010 Krantz et al.  
 2011/0101627 A1 \* 5/2011 Labrenz ..... F16J 15/104  
 277/630  
 2012/0025420 A1 2/2012 Utashiro et al.  
 2013/0062837 A1 3/2013 Sasaki  
 2013/0228984 A1 9/2013 Watanabe  
 2013/0341874 A1 12/2013 Aykanat et al.  
 2014/0237998 A1 \* 8/2014 Fahrenkrug ..... F01N 3/2066  
 60/301  
 2015/0115187 A1 \* 4/2015 Bormioli ..... F16K 1/165  
 251/212

FOREIGN PATENT DOCUMENTS

FR 2367960 A1 5/1978  
 JP S56-21650 U 2/1981  
 JP S58-123963 U 8/1983  
 JP S63-19548 U 2/1988  
 JP 08-240271 A 9/1996  
 JP 11-037294 A 2/1999  
 JP 2002-156044 A 5/2002  
 JP 2007-092904 A 4/2007  
 JP 2008-223946 A 9/2008  
 JP 2009-531636 A 9/2009  
 JP 2009-299903 A 12/2009  
 JP 2010-138972 A 6/2010  
 WO WO-2007-126978 A2 11/2007

\* cited by examiner

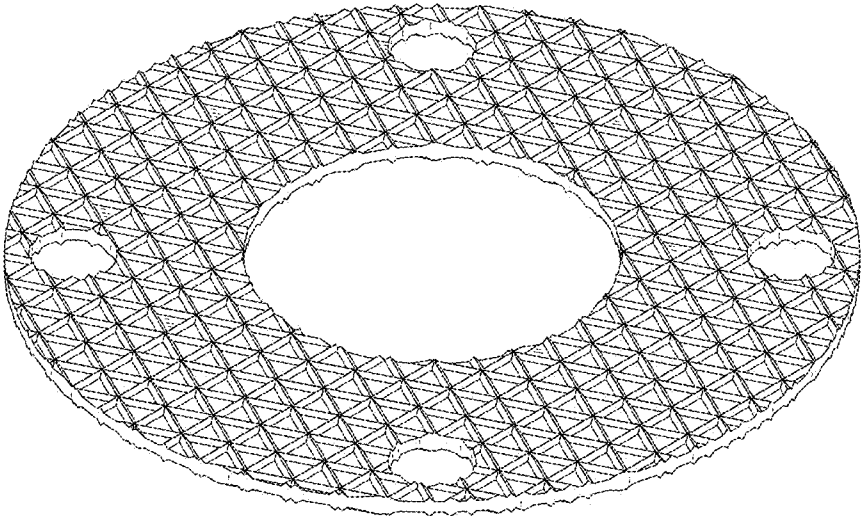


FIG.1

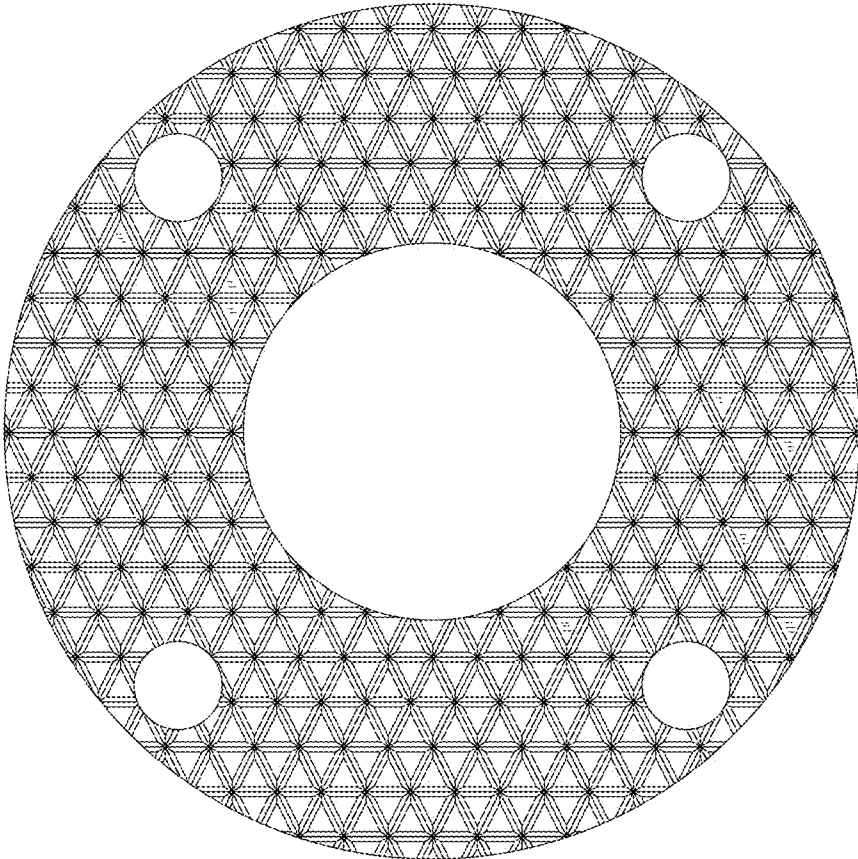


FIG.2

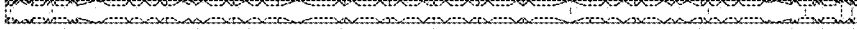


FIG.3

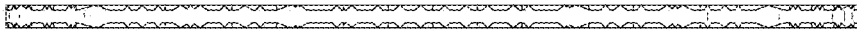


FIG.4

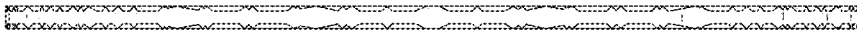


FIG.5

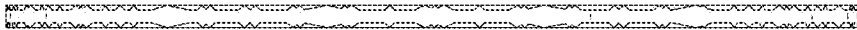


FIG.6