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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14451531
	Filing Date		2014-08-05
	First Named Inventor	Forwood C Wiser	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		EDG.P004.US.04

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	2571079		1948-12-01	Warburton	
	2	2908348		1957-11-01	Rivers et al.	
	3	3073094		1963-01-01	Landgraf et al.	
	4	3471695		1969-10-01	Hudson et al.	
	5	3509696		1970-05-01	Thompson	
	6	4248162		1981-02-01	Skeist	
	7	4322232		1982-03-01	Beane	
	8	4357150		1982-11-01	Masuda et al.	

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9	4549887		1985-10-01	Joannou	
10	4555252		1985-11-01	Eckstein	
11	4715870		1987-12-01	Masuda et al.	
12	4750921		1988-06-01	Sugita et al.	
13	4828586		1989-05-01	Joannou	
14	4853005		1989-08-01	Jaisinghani et al.	
15	4886526		1989-12-01	Joannou	
16	4886527		1989-12-01	Fottinger et al.	
17	4889542		1989-12-01	Hayes	
18	4902306		1990-02-01	Burnett et al.	
19	4978372		1990-12-01	Pick	

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20	5059218		1991-10-01	Pick	
21	5108470		1992-04-01	Pick	
22	5160517		1992-11-01	Hicks et al.	
23	5192342		1993-03-01	Baron et al.	
24	5223006		1993-06-01	Moran, III	
25	5240478		1993-08-01	Messina	
26	5322473		1994-06-01	Hofstra et al.	
27	5330559		1994-07-01	Cheney et al.	
28	5330722		1994-07-01	Pick et al.	
29	5336299		1994-08-01	Savell	
30	5360469		1994-11-01	Baron et al.	

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31	5380503		1995-01-01	Fujii et al.	
32	5405434		1995-04-01	Inculet	
33	5417433		1995-05-01	Phillips	
34	5441279		1995-08-01	Messina	
35	5474599		1995-12-01	Cheney et al.	
36	5549735		1996-08-01	Coppom	
37	5562286		1996-10-01	Brinket	
38	5573577		1996-11-01	Joannou	
39	5593476		1997-01-01	Coppom	
40	5616172		1997-04-01	Tuckerman et al.	
41	5627376		1997-05-01	Jaisinghani et al.	

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42	5730770		1998-03-01	Greisz	
43	5807425		1998-09-01	Gibbs	
44	5846302		1998-12-01	Putro	
45	5855653		1999-01-01	Yamamoto	
46	5858045		1999-01-01	Stemmer et al.	
47	5888274		1999-03-01	Frederick	
48	5942017		1999-08-01	Van Winkle, Sr.	
49	5997619		1999-12-01	Knuth et al.	
50	6063167		2000-05-01	Rutkowski	
51	6077334		2000-06-01	Joannou	
52	6099607		2000-08-01	Haslebacher	

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53	6294004		2001-09-01	Summers et al.	
54	6328788		2001-12-01	Auger	
55	6428610		2002-08-01	Tsai et al.	
56	6464760		2002-10-01	Sham et al.	
57	6491743		2002-12-01	Joannou et al.	
58	6497754		2002-12-01	Joannou	
59	6514324		2003-02-01	Chapman	
60	6544309		2003-04-01	Hoefler et al.	
61	6547860		2003-04-01	Buchwald et al.	
62	6572685		2003-06-01	Dunshee	
63	6623548		2003-09-01	Gordon et al.	

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64	6723150		2004-04-01	Parker	
65	6764533		2004-07-01	Lobiondo	
66	6955708		2005-10-01	Julos et al.	
67	6984259		2006-01-01	Hurst	
68	7014688		2006-03-01	Griffiths et al.	
69	7025806		2006-04-01	Coppom et al.	
70	7112232		2006-09-01	Chang et al.	
71	7150780		2006-12-01	Krichtafovitch et al.	
72	7258729		2007-08-01	Barsimanto et al.	
73	7323146		2008-01-01	Kim et al.	
74	7364607		2008-04-01	Ueda et al.	

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	75	7367997		2008-05-01	Isogawa	
	76	7445654		2008-11-01	Wong	
	77	7455706		2008-11-01	Latham et al.	
	78	7459002		2008-12-01	Kalous et al.	
	79	7686869		2010-03-01	Wiser et al.	
	80	7708813		2010-05-01	Wiser et al.	
	81	8070861		2011-12-01	Wiser et al.	
	82	8252095		2012-08-01	Wiser et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020021194		2002-02-01	Maehara et al.	

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2	20020170435		2002-11-01	Joannou	
3	20030000389		2003-01-01	Schultheiss et al.	
4	20040144254		2004-07-01	Wiser et al.	
5	20040177759		2004-09-01	Tsai et al.	
6	20050045036		2005-03-01	Vetter et al.	
7	20050045037		2005-03-01	Parisi et al.	
8	20050108996		2005-05-01	Latham et al.	
9	20050150384		2005-07-01	Krichtafovitch et al.	
10	20050172812		2005-08-01	Ueda et al.	
11	20060042205		2006-03-01	Kalous et al.	
12	20060064953		2006-03-01	Wong	

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13	20060137527		2006-06-01	Joannou	
14	20060180023		2006-08-01	Coppom et al.	
15	20100326279		2010-12-01	Wiser et al.	

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	1	1272453	CA		1990-08-01	Constantinos J. Joannou	Entire Document	<input type="checkbox"/>
	2	3339828	DE		1985-05-01	Delbag Luffilter GMBH	Entire Document	<input checked="" type="checkbox"/>
	3	339828	DE		1985-05-01	Delbag Luffilter	Entire Document	<input checked="" type="checkbox"/>
	4	0585054	EP	A	1994-03-02	Sheehan Michael	Entire Document	<input type="checkbox"/>
	5	229857	EP		1987-07-01	Engineering Dynamics Limited	Entire Document	<input type="checkbox"/>
	6	2559684	FR		1985-08-01	Masuda Senichi & Sugita Naoki	Entire Document	<input type="checkbox"/>

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7	2160447	GB		1985-12-01	Midori Anzen Industry Co. Ltd.	Entire Document	<input type="checkbox"/>
8	2160447	GB		1985-12-01	Midori Anzen Industry Co. Ltd.	Entire Document	<input type="checkbox"/>
9	2329598	GB		1999-03-01	Minnesota Mining and Manufacturing Co.	Entire Document	<input type="checkbox"/>
10	01307463	JP		1989-12-01	William Pick	Entire Document	<input checked="" type="checkbox"/>
11	05093524	JP		1993-04-01	Brother IND LTD	Entire Document	<input checked="" type="checkbox"/>
12	05320926	JP		2005-11-01	Ikemoto Katsuhiko	Entire Document	<input checked="" type="checkbox"/>
13	06007621	JP		1994-01-01	Toyoda Spinning & Weaving Co LTD	Entire Document	<input checked="" type="checkbox"/>
14	09010628	JP		1997-01-01	Kankyo	Entire Document	<input checked="" type="checkbox"/>
15	2001518378	JP		2001-10-01		Entire Document	<input type="checkbox"/>
16	2003275526	JP		2003-09-01	Denso Corp Toyoda Spinning & Weaving CO LTD	Entire Document	<input checked="" type="checkbox"/>
17	51027384	JP		1976-02-01		Entire Document	<input type="checkbox"/>

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18	55024561	JP		1980-02-01	Matsushita Electric Ind Co	Entire Document	<input checked="" type="checkbox"/>
19	59228955	JP		1984-12-01	Eckstein Wolfgang	Entire Document	<input type="checkbox"/>
20	61008149	JP		1986-01-01	Midori Anzen	Entire Document	<input type="checkbox"/>
21	64056157	JP		1989-03-01	Constantinos J. Joannou	Entire Document	<input checked="" type="checkbox"/>
22	19880000127	KR		1988-03-01	Sanyo Electric Co.	Entire Document	<input checked="" type="checkbox"/>
23	20020083565	KR		2002-11-01	LG Electronics Inc.	Entire Document	<input checked="" type="checkbox"/>
24	20040034583	KR		2004-04-01		Entire Document	<input type="checkbox"/>
25	20040063390	KR		2004-07-01	LG Electronics Inc.	Entire Document	<input checked="" type="checkbox"/>
26	2026751	RU		1995-01-01		Entire Document	<input type="checkbox"/>
27	2240856	RU		1990-12-01		Entire Document	<input type="checkbox"/>
28	0074818	WO		2000-12-01	Donaldson Company, Inc.	Entire Document	<input checked="" type="checkbox"/>

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29	0074818	WO		2000-12-01	Donaldson Company, Inc.	Entire Document	<input checked="" type="checkbox"/>
30	0145851	WO		2001-06-01	Engineering Dynamics LTD.	Entire Document	<input type="checkbox"/>
31	2004028698	WO		2004-04-01	Constantinos J. Joannou	Entire Document	<input type="checkbox"/>
32	2004028698	WO		2004-04-01	Constantinos J. Joannou	Entire Document	<input type="checkbox"/>

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Examiner Signature	/SONJI TURNER/	Date Considered	05/26/2016
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- See attached certification statement.
- The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Stephen B. Schott/	Date (YYYY-MM-DD)	2015-07-27
Name/Print	Stephen B. Schott	Registration Number	51294

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