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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	Doug Shuntich	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		

U.S.PATENTS						
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	0136632		1873-03-11	WHIPPLE	
	2	0714415		1902-11-25	TRAFFORD	
	3	1827856		1931-10-20	POPE	
	4	1854731		1932-04-19	BERAN	
	5	1984047		1934-12-11	THIEME	
	6	2061427		1936-11-17	KING	
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	8	2094774		1937-10-05	DAWSON	

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	9	2289645		1942-07-14	GEISTERT	
	10	2314586		1943-03-23	LEVISON	
	11	2405091		1946-07-30	CULBRETH	
	12	2446614		1948-08-10	SHERICK	
	13	2629229		1953-02-24	HULL	
	14	2736174		1956-02-28	TICE	
	15	2764489		1956-09-25	VEAZEY	
	16	2990624		1961-07-04	GRANATH	
	17	3065553		1962-11-27	OLIN	
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	20	3453083		1969-07-01	BEERLI	
	21	3718485		1973-02-27	LANKFORD	
	22	3813928		1974-06-04	ANDERSON	
	23	3860166		1975-01-14	ANDERSON	
	24	3915285		1975-10-28	LINDQUIST	
	25	3987211		1976-10-19	DUNN	
	26	4164851		1979-08-21	BRYANT	
	27	4172365		1979-10-30	MCCLINTOCK	
	28	4358932		1982-11-16	HELFRICH, JR.	
	29	4493156		1985-01-15	SIEGMANN	
	30	4549409		1985-10-29	SMITH	

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	31	4580405		1986-04-08	CRETZMEYER, III	
	32	4736600		1988-04-12	BROWN	
	33	4825665		1989-05-02	MICALLEF	
	34	4979994		1990-12-25	DUSSAULT	
	35	5269156		1993-12-14	VAN DE VELDE	
	36	5282368		1994-02-01	ORDOUKHANIAN	
	37	5477623		1995-12-26	TOMIZAWA	
	38	5505054		1996-04-09	LOIBL	
	39	5653123		1997-08-05	HANDLIN	
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	42	5966964		1999-10-19	PATTEE	
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	45	6413444		2002-07-02	KASZA	
	46	6543154		2003-04-08	HORIGANE	
	47	6662574		2003-12-16	LOIBL	
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	51	7707848		2010-05-04	LOIBL	
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	53	7874167		2011-01-25	KAMMER	
	54	8132960		2012-03-13	ZHUANG	
	55	8549993		2013-10-08	FOSTER	
	56	9024168		2015-05-05	PETERSON	

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U.S.PATENT APPLICATION PUBLICATIONS

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	20020124576		2002-09-12	LOIBL	
	2	20030192435		2003-10-16	MCNAIR	
	3	20040103552		2004-06-03	RHON	
	4	20040112413		2004-06-17	BRUNNER	
	5	20050142268		2005-06-30	SCULLION	

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	6	20050166768		2005-08-04	PORAT	
	7	20060185372		2006-08-24	CONDE HINOJOSA	
	8	20060191086		2006-08-31	MOURAD	
	9	20060225439		2006-10-12	MORRIS, III	
	10	20070137223		2007-06-21	BREKKE	
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	17	20130180280		2013-07-18	GRIGORIAN	
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	19	20150112451		2015-04-23	DECHEV	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	1020080088944	KR		2008-10-06	SAMSUNG ELECTRONICS CO., LTD.		☐
	2	1020100018887	KR		2010-02-18	LG ELECTRONICS, INC.		☐

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	SHIELDS, New Refrigeration Tech Cools Drink in 45 seconds, Food & Drink International, 2014, www.fdiforum.net, 3 pages.	☐
	2	Ultrasonic Degassing and Defoaming of Liquids, Hielscher - Ultrasound Technology, 2015, 5 pages.	☐

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	3	SHUNTICH, D.J., PCT Serial Number PCT/US14/47214, International Search Report and Written Opinion, mailed November 20, 2014, 18 pages.	☐
	4	SHUNTICH, Supercooler Technologies, Inc., PCT Application No. PCT/US2015/034418 filed June 5, 2005, Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration mailed September 14, 2015, 15 pages.	☐
	5	SHUNTICH, D.J., PCT Serial Number PCT/US14/47214, filed August 4, 2016, Notification Concerning Transmittal of the International Preliminary Report on Patent Ability (Chapter 1 of the Patent Cooperation Treaty) (PCT Rule 44bis.1 (c)), mailed August 4, 2016, 13 pages.	☐

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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.

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	/Brian S. Steinberger/	Date (YYYY-MM-DD)	
Name/Print	Brian S. Steinberger	Registration Number	36423

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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