

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	To be Assigned 15/267,956
				Filing Date	September 16, 2016
				First Named Inventor	Kenneth TYLER
				Parent Art Unit	1742
Parent Examiner Name	Stella Kim YI				
Sheet	1	of	3	Attorney Docket Number	13087.0003-02000

U.S. PATENTS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,993,726	11-23-1976	MOYER	
		US- 6,459,069	10-01-2002	RABINOVICH	
		US- 7,795,349	09-14-2010	BREDT et al.	
		US- 4,643,940	08-06-1984	SHAW et al.	
		US- 5,746,967	05-05-1998	HOY et al.	
		US- 5,296,335	03-22-1994	THOMAS et al.	
		US- 6,501,554	12-31-2002	HACKNEY et al.	
		US- 3,286,305	11-22-1966	SECKEL	
		US- 3,809,514	05-07-1974	NUNEZ	
		US- 3,984,271	10-05-1976	GILBU	
		US- 4,851,065	07-25-1989	CURTZ	
		US- 5,936,861 A	08-10-1999	JANG et al.	
		US- 6,934,600 B2	08-23-2005	JANG et al.	
		US- 6,153,034 A	11-28-2000	LIPSKER	
		US- 5,002,712	03-26-1991	GOLDMANN et al.	
		US- 5,037,691	08-06-1991	MEDNEY et al.	
		US- 5,340,433	08-23-1994	CRUMP	
		US- 5,866,058	02-02-1999	BATCHELDER et al.	
		US- 8,221,669	07-17-2012	BATCHELDER et al.	
		US- 9,149,988	10-06-2015	MARK et al.	
		US- 9,126,367	09-08-2015	MARK et al.	
		US- 9,126,365	09-08-2015	MARK et al.	
		US- 9,156,205	10-13-2015	MARK et al.	

U.S. PUBLISHED PATENT APPLICATIONS					
Examiner Initials	Cite No. ³	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ⁴ (if known)			
		US- 2016/0031155	02-04-2016	TYLER	
		US- 62/030233	07-29-2014	TYLER	
		US- 2003/0160970	08-28-2003	BASU et al.	
		US- 2005/0104257 A1	05-19-2005	GU et al.	
		US- 2002/0113331 A1	08-22-2002	ZHANG et al.	
		US- 2009/0095410 A1	04-16-2009	OLDANI	
		US- 2005/0061422 A1	03-24-2005	MARTIN	
		US- 2014/0159284 A1	06-12-2014	LEAVITT	
		US- 2002/0009935	01-24-2002	HSIAO et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K.Y/

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U.S. PATENTS					
		US- 2002/0062909	05-30-2002	JANG et al.	
		US- 2002/0165304	11-07-2002	MULLIGAN et al.	
		US- 2003/0044539	03-06-2003	OSWALD	
		US- 2003/0186042	10-02-2003	DUNLAP et al.	
		US- 2003/0236588	12-25-2003	JANG et al.	
		US- 2005/0061422	03-24-2005	MARTIN	
		US- 2005/0109451	05-26-2005	HAUBER et al.	
		US- 2005/0230029	10-20-2005	VAIDYANATHAN et al.	
		US- 2007/0003650	01-04-2007	SCHROEDER	
		US- 2007/0228592	10-04-2007	DUNN et al.	
		US- 2008/0176092	07-24-2008	OWENS	
		US- 2011/0032301	02-10-2011	FIENUP et al.	
		US- 2011/0143108	06-16-2011	FRUTH et al.	
		US- 2012/0060468	03-15-2012	DUSHKU et al.	
		US- 2012/0231225	09-13-2012	MIKULAK et al.	
		US- 2012/0247655	10-04-2012	ERB et al.	
		US- 2013/0164498	06-27-2013	LANGONE et al.	
		US- 2013/0209600	08-15-2013	TOW	
		US- 2013/0233471	09-12-2013	KAPPESSER et al.	
		US- 2013/0337265	12-19-2013	FARMER	
		US- 2003/0056870	03-27-2003	COMB et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁸
		Country Code ⁵ Number ⁶ Kind Code ⁷ (if known)				
		DE 4102257	07-30-1992	ARTOS MED PRODUKTE		Abstract
		KR 100995983	11-23-2010	SEOUL NAT UNIV IND FOUNDATION		Abstract
		KR 101172859	08-09-2012	SNU R& DB FOUNDATION		Abstract
		WO 2013017284	02-07-2013	ARBURG GMBH & CO KG		Abstract

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁸
		Hyouk REYOL and Se-gon ROH, In-pipe Robot with Active Steering Capability for Moving Inside of Pipelines, Bioinspiration and Robotics: Walking and Climbing Robots, September 2007, pp. 544, Vienna, Austria.	
		S. KUMAR & J.-P. KRUTH, Composites by Rapid Prototyping Technology, Materials and Design, Vol. 31, Issue 2, pp. 850-56 (February 2010).	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K.Y/

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FOREIGN PATENT DOCUMENTS			
		C. FRAGASSA, & G. MINAK, Standard Characterization for Mechanical Properties of Photopolymer Resins for Rapid Prototyping, 1 st Symposium on Multidisciplinary Studies of Design in Mechanical Engineering, Bertinoro, Italy (June 25-28, 2008).	
		S. L. FAN, F. Y. C. BOEY, & M. J. M. ABADIE, UV Curing of a Liquid Based Bismaleimide-Containing Polymer System, eXPRESS Polymer Letters, Vol. 1, No. 6, pp. 397-405 (2007).	
		A. ENDRUWEIT, M.S. JOHNSON, & A.C. LONG, Curing of Composite Components by Ultraviolet Radiation: A Review, Polymer Composites, Vol. 27, Issue 2, pp. 119-28 (April 2006).	
		Yugang DUAN et al., Effects of Compaction and UV Exposure on Performance of Acrylate/Glass-Fiber Composites Cured Layer by Layer, Journal of Applied Polymer Science, Vol. 123, Issue 6, pp. 3799-805 (March 15, 2012).	
		P. COMPSTON, J. SCHIEMER, & A. CVETANOVSKA, Mechanical Properties and Styrene Emission Levels of a UV-Cured Glass-Fibre/Vinylester Composite, Composite Structures, Vol. 86, Issues 1-3, pp. 22-26 (November 2008).	
		M. MARTIN-GALLEGO et al., Epoxy-Graphene UV-Cured Nanocomposites, Polymer, Vol. 52, Issue 21, pp. 4664-69 (September 29, 2011).	
		Vincent J. LOPATA et al., Electron-Beam-Curable Epoxy Resins for the Manufacture of High-Performance Composites, Radiation Physics and Chemistry, Vol. 56, Issue 4, pp. 405-15 (October 1999).	
		A. Di. PIETRO & Paul COMPSTON, Resin Hardness and Interlaminar Shear Strength of a Glass-Fibre/Vinylester Composite Cured with High Intensity Ultraviolet (UV) Light, Journal of Materials Science, Vol. 44, Issue 15, pp. 4188-90 (August 2009).	
		Kenneth C. KENNEDY II & Robert P. KUSY, UV-Cured Pultrusion Processing of Glass-Reinforced Polymer Composites, Journal of Vinyl and Additive Technology, Vol. 1, Issue 3, pp. 182-86 (September 1995).	
		English Language Abstract of DE 4102257, published 07-30-1992, obtained from LexisNexis Total Patent.	
		English Language Abstract of KR 100995983, published 11-23-2010, obtained from LexisNexis Total Patent.	
		English Language Abstract of KR 101172859, published 08-09-2012, obtained from LexisNexis Total Patent.	

Examiner Signature	/STELLA K YI/	Date Considered	05/24/2017
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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