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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	16158915
Filing Date	2018-10-12
First Named Inventor	Brian Doud
Art Unit	1784
Examiner Name	
Attorney Docket Number	POWD 200033US05

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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	6422314		2002-07-23	Todd et al.	
	2	6444316		2002-09-03	Reddy et al.	
	3	6527051		2003-03-04	Reddy et al.	
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9	8211331		2012-07-03	Jorgensen et al.	
10	8327931		2012-12-11	Agrawal et al.	
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	1	20070181224		2007-08-09	Marya et al.	
	2	20050194141		2005-09-08	Sinclair et al.	

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26	20140219861	2015-12-29	Han
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	1	1992013978	WO		1992-08-20	Allied-Signal Inc.		
	2	2013019410	WO		2013-02-07	Baker Hughes Incorporated		
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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	SIGWORTH et al. "Grain Refinement of Aluminum Castings Alloys" American Foundry Society; Paper 07-67; pp. 5-7 (2007)	
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	3	DURBIN, "Modeling Dissolution in Aluminum Alloys" Dissertation for Georgia Institute of Technology; retrieved from https://smartech.gatech.edu/bitstream/handle/1853/6873/durbin_tracie_L_200505_phd.pdf (2005)	
	4	PEGEUT et al., "Influence of cold working on the pitting corrosion resistance of stainless steel" Corrosion Science, Vol. 49, pp. 1933-1948 (2007)	

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5	Elemental Charts from chemicalelements.com; retrieved July 27, 2017	
6	SONG et al., "Corrosion Mechanisms of Magnesium Alloys" Advanced Engg Materials, Vol. 1, No. 1 (1999)	
7	ZHOU et al., "Tensile Mechanical Properties and Strengthening Mechanism of Hybrid Carbon Nanotubes..." Journal of Nanomaterials, 2012; 2012:851862 (doi: 10.1155/2012/851862) Figs. 6 and 7	
8	TROJANOVA et al., "Mechanical and Acoustic Properties of Magnesium Alloys..." Light Metal Alloys Application, Chapter 8, Published 11 June 2014 (doi: 10.5772/57454) pg.163, para. [0008], [0014-0015]; [0041-0043]	
9	AZoNano "Silicon Carbide Nanoparticles-Properties, Applications" http://www.amazon.com/articles.aspx?ArticleD=3396 pg 2, Physical Properties, Thermal Properties (May 9, 2013)	
10	AZoM "Magnesium AZ91D-F Alloy" http://www.amazon.com/articles.aspx?ArticleD=8670 pg 1, Chemical Composition; pg 2 Physical Properties (July 31, 2013)	
11	ELASSER et al., "Silicon Carbide Benefits and Advantages..." Proceedings of the IEEE, 2002; 906(6):969-986 (doi: 10.1109/JPROC.2002.1021562) pg 970, Table 1	×
12	LAN et al., "Microstructure and Microhardness of SiC Nanoparticles..." Materials Science and Engineering A; 386:284-290 (2004)	☐
13	CASATI et al., "Metal Matrix Composites Reinforced by Nanoparticles", Vol. 4:65-83 (2014)	☐

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Examiner Signature	/ANTHONY J ZIMMER/	Date Considered	03/27/2020
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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).

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☒ 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	/bet/	Date (YYYY-MM-DD)	2018-12-05
Name/Print	Brian E. Turung	Registration Number	35394

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