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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	2022-10-21
First Named Inventor	Jungsik PARK
Art Unit	
Examiner Name	
Attorney Docket Number	0203-2302-3

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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	9721881	B1	2017-08-01	GONG et al.	
	2	6731514	B2	2004-05-04	EVANS	
	3	6697261	B2	2004-02-24	MATSUDA	
	4	7180752	B2	2007-02-20	CHAMBERLIN et al.	
	5	4682270	A	1987-07-21	WHITEHEAD et al.	
	6	7268419	B2	2007-09-11	CORNELIUS	
	7	5956835	A	1999-09-28	AKSU	
	8	9859202	B2	2018-01-02	HU	

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	9	9711465	B2	2017-07-18	LIAO et al.	

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	1	20130286609	A1	2013-10-31	MERZ	
	2	20130201615	A1	2013-08-08	ARNOLD et al.	
	3	20120243195	A1	2012-09-27	LIM et al.	
	4	20150109170	A1	2015-04-23	KANG et al.	
	5	20090268423	A1	2009-10-29	SAKURAI et al.	
	6	20110073355	A1	2011-03-31	TAMURA	
	7	20100298027	A1	2010-11-25	YUN	
	8	20180084092	A1	2018-03-22	CHO et al.	

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	9	20010046129	A1	2001-11-29	BROGLIA et al.	
	10	20080101049	A1	2008-05-01	CASTO et al.	
	11	20050052858	A1	2005-03-10	SHIMA	
	12	20050260867	A1	2005-11-24	ONO et al.	
	13	20040156177	A1	2004-08-12	HIGASHITANI	
	14	20130299221	A1	2013-11-14	OH et al.	
	15	20150372372	A1	2015-12-24	LEE et al.	
	16	20180359847	A1	2018-12-13	COPLEY et al.	
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	18	20130020702	A1	2013-01-24	ZHAI et al.	
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	20	20160027764	A1	2016-01-28	KIM et al.	
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	25	20110317386	A1	2011-12-29	KAWABATA	
	26	20080289853	A1	2008-11-27	SAKAI et al.	

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	1	2005-0251889	JP	A	2005-09-15	KONDO et al.		
	2	10-2013-0114330	KR	A	2013-10-17	LEE et al.		

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	3	2011-071435	JP	A	2011-04-07	TAMURA		
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	8	10-2016-0012589	KR	A	2016-02-03	KIM et al.		
	9	10-2017-0036360	KR	KR	2017-04-03	KIM et al.		

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NON-PATENT LITERATURE DOCUMENTS Remove

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	International Search Report dated December 11, 2018, issued in the International Application No. PCT/KR2018/010215	
	2	Extended European Search Report dated February 12, 2019, issued in the European Application No. 18192713	

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	3	Extended European Search Report dated October 2, 2020, issued in European Patent Application No. 20180231.1
	4	Korean Decision of Patent dated February 21, 2022, issued in Korean Patent Application No. 10-2017-0116517

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	

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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

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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	/Joshua H. SGUEO/	Date (YYYY-MM-DD)	2022-10-21
Name/Print	Joshua H. Sgueo	Registration Number	67,154

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