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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16052623
	Filing Date		2018-08-02
	First Named Inventor	Manli Zhu	
	Art Unit	3992	
	Examiner Name	ESCALANTE, OVIDIO	
	Attorney Docket Number	CreativeTech_01RECon	

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	7068801	B1	2006-06-27	National Research Council of Canada, Ottawa(CA)	
	2	9820036	B1	2017-11-14	Amazon Technologies, Inc., Seattle, WA(US)	
	3	9978387	B1	2018-05-22	Amazon Technologies, Inc., Seattle, WA(US)	
	4	9432769	B1	2016-08-30	Amazon Technologies, Inc., Seattle, WA(US)	
	5	9521249	B1	2016-12-13	Amazon Technologies, Inc., Reno, NV(US)	
	6	9658738	B1	2017-05-23	Amazon Technologies, Inc., Reno, NV(US)	
	7	10304475	B1	2019-05-28	Amazon Technologies, Inc., Seattle, WA(US)	
	8	9390723	B1	2016-07-12	Amazon Technologies, Inc., Seattle, WA(US)	

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	9	10229698	B1	2019-03-12	Amazon Technologies, Inc., Seattle, WA(US)	
	10	9678559	B1	2017-06-13	Amazon Technologies, Inc., Seattle, WA(US)	
	11	6198693	B1	2001-03-06	Andrea Electronics Corporation, Melville, NY(US)	
	12	9423886	B1	2016-08-23	Amazon Technologies, Inc., Reno, NV(US)	
	13	9747920	B2	2017-08-29	Amazon Technologies, Inc., Seattle, WA(US)	
	14	9589575	B1	2017-03-07	Amazon Technologies, Inc., Seattle, WA(US)	
	15	10147441	B1	2018-12-04	Amazon Technologies, Inc., Seattle, WA(US)	
	16	9966059	B1	2018-05-08	Amazon Technologies, Inc., Seattle, WA(US)	

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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	20180182387	A1	2018-06-28	Amazon Technologies, Inc., Seattle, WA(US)	

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	2	20150006176	A1	2015-01-01	Rawles LLC, Wilmington, DE(US)	
	3	20070055505	A1	2007-03-08	Cochlear Limited, Lane Cove, nsw (AU)	
	4	20060153360	A1	2006-07-13	Kellermann et al.	
	5	20090141907	A1	2009-06-04	Samsung Electronics Co., Ltd., Suwon-si(KR)	

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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	2018118895	WO	A2	2018-06-28	Amazon Technologies, Inc., Seattle, WA(US)		<input type="checkbox"/>
	2	2013155098	WO	A1	2013-10-17	Amazon Technologies, Inc., Reno, NV(US)		<input type="checkbox"/>
	3	2017105998	WO	A1	2017-06-22	Amazon Technologies, Inc., Seattle, WA(US)		<input type="checkbox"/>

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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
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	Attorney Docket Number	CreativeTech_01RECon

1	SCOTT MATTHEW GRIEBEL, A Microphone Array System for Speech Source Localization, Denoising and Dereverberation, Thesis, The Division of Engineering and Applied Sciences, Harvard University, Cambridge, Massachusetts, April 2002 163 pages	<input type="checkbox"/>
2	CHA ZHANG, DINEI FLORENCIO, DEMBA E. BA, ZHENGYOU ZHANG, Maximum Likelihood Sound Source Localization and Beamforming for Directional Microphone Arrays in Distributed Meetings, Journal of Latex Class files, Vol 6, No. 1, January 2007, 10 pages	<input type="checkbox"/>
3	MICHAEL BRANDSTEIN, DARREN WARD Microphone Arrays, Signal Processing Techniques and Applications Springer-Verlag, Berlin, Heidelberg, New York in 2001, 401 pages	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature	/OVIDIO ESCALANTE/	Date Considered	01/16/2020
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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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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	/a tankha/	Date (YYYY-MM-DD)	2020-01-03
Name/Print	Ashok Tankha	Registration Number	33802

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