

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

Change(s) applied
to document,
/S.B./
10/21/2020

1	20060245601	A1	2006-11-02	Michaud et al.	
2	20080181430	A1	2008-07-31	Microsoft Corporation, Redmond, WA(US) Zhang et al.	
3	20040161121	A1	2004-08-19	Samsung Electronics Co., Ltd, Suwon-Si(KR) Choi et al.	

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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	2006006935	SG	A1	2006-01-19	Agency for Science, Technology and Research, Singapore		<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
	1	JOSEPH HECTOR DIBIASE, A High-Accuracy, Low-Latency Technique for Talker Localization in Reverberant Environments Using Microphone Arrays, Thesis, Division of Engineering at Brown University, Providence, Rhode Island, May 2000, 122 pages	<input type="checkbox"/>
	2	QI LI, MANLI ZHU, WEI LI A portable USB-based microphone array device for robust speech recognition IEEE International Conference on Acoustics, Speech and Signal Processing, 19-24 April 2009, 2 pages	<input type="checkbox"/>
	3	QI (PETER) LI, MANLI ZHU, AND WEI LI A Portable Usb-Based Microphone Array Device For Robust Speech Recognition IEEE International Conference on Acoustics, Speech and Signal Processing Proceedings, 19-24 April 2009, 7 pages	<input type="checkbox"/>

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to document, S.B./ 10/21/2020	9	9659555	B1	2017-05-23	Amazon Technologies, Inc., Seattle, WA(US) Hilmes et al.	
	10	9837099	B1	2017-12-05	Amazon Technologies, Inc., Seattle, WA(US) Sundaram et al.	
	11	9516410	B1	2016-12-06	Amazon Technologies, Inc., Seattle, WA(US) Arapetian et al.	
	12	9704478	B1	2017-07-11	Amazon Technologies, Inc., Reno, NV(US) Vitaladevuni et al.	
	13	10237647	B1	2019-03-19	Amazon Technologies, Inc., Seattle, WA(US) Chhetri	
	14	9711140	B2	2017-07-18	Amazon Technologies, Inc., Seattle, WA(US) Arapetian et al.	
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	16	10244313	B1	2019-03-26	Amazon Technologies, Inc., Reno, NV(US) O'Neill et al.	
	17	9967661	B1	2018-05-08	Amazon Technologies, Inc., Seattle, WA(US) Hilmes et al.	

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U.S.PATENT APPLICATION PUBLICATIONS

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Doc code: IDS

PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

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Change(s) applied to document, /S.B./ 10/2 /2020	1	10242695	B1	2019-03-26	Amazon Technologies, Inc., Seattle, WA(US) Velusamy et al.	
	2	9918163	B1	2018-03-13	Amazon Technologies, Inc., Seattle, W Ayrapietian et al.	
	3	9747899	B2	2017-08-29	Amazon Technologies, Inc., Seattle, WA(US) Pogue et al.	
	4	8885815	B1	2014-11-11	Rawles LLC, Wilmington, DE(US) Velusamy et al.	
	5	9354731	B1	2016-05-31	Amazon Technologies, Inc., Reno, NV(US) Pance et al.	
	6	9319782	B1	2016-04-19	Rawles LLC, Wilmington, DE(US) Crump et al.	
	7	9661438	B1	2017-05-23	Amazon Technologies, Inc., Seattle, WA(US) Yang et al.	
	8	7970151	B2	2011-06-28	LifeSize Communications, Inc., Austin, TX(US) Oxford et al.	

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	1	10062372	B1	2018-08-28	Amazon Technologies, Inc., Seattle, WA(US) Barton et al.	
	2	9431982	B1	2016-08-30	Amazon Technologies, Inc., Seattle, WA(US) Yang et al.	
	3	9229526	B1	2016-01-05	Amazon Technologies, Inc., Reno, NV(US) Neglur et al.	
	4	9818425	B1	2017-11-14	Amazon Technologies, Inc., Seattle, WA(US) Ayrapietian et al.	
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2	20150006176	A1	2015-01-01	Rawles LLC, Wilmington, DE(US) Pogue et al.	
3	20070055505	A1	2007-03-08	Cochlear Limited Lane Cove, nsw (AU) Doclo et al.	
4	20060153360	A1	2006-07-13	Kellermann et al.	
5	20090141907	A1	2009-06-04	Samsung Electronics Co., Ltd., Suwon-si(KR) Kim et al.	

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	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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