506697577 06/03/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIJAY BALASUBRAMANIYAN	06/24/2013
MUSTAQUE AHAMAD	06/19/2013
PATRICK GERARD TRAYNOR	06/25/2013
MICHAEL THOMAS HUNTER	02/05/2013
AAMIR POONAWALLA	02/03/2013

RECEIVING PARTY DATA

Name:	GEORGIA TECH RESEARCH CORPORATION
Street Address:	505 TENTH STREET, N.W.
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30332-0415

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17338523

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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Correspondent Name: FOLEY & LARDNER LLP Address Line 1: 3000 K STREET N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007-5109

Tatal Attachments, 7	
DATE SIGNED:	06/03/2021
SIGNATURE:	/Miyuki Christopher/
NAME OF SUBMITTER:	MIYUKI CHRISTOPHER
ATTORNEY DOCKET NUMBER:	GTR0101CON4/12565-0304

Total Attachments: 7

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ASSIGNMENT

WHEREAS, We, Vijay Balasubramaniyan, Mustaque Ahamad, Patrick Gerard Traynor, Michael Thomas Hunter, and Asmir Poonawalia (collectively referred to as "ASSIGNOR"), have invented certain improvements in SYSTEMS AND METHODS FOR DETECTING CALL PROVENANCE FROM CALL AUDIO, for which a U.S. Non-Provisional Patent Application was filed 31 December 2012 and provided Serial No. 13/807,837, and for which a Patent Cooperation Treaty patent application was filed on 29 June 2011 and provided Serial No. PCT/US2011/042410, and for which a U.S. Provisional Patent Application was filed 29 June 2010 and provided Serial No. 61/359,386, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

GEORGIA TECH RESEARCH CORPORATION
505 Tenth Street, N.W.
Atlanta, Georgia 30332-0415
United States

("ASSIGNEE") desires to purchase all of ASSIGNOR's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR's rights, tide, and interest in and to said Application, including in and to any conventional, division, continuation, continuation—in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Poreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Poreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Poreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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GTRC5294 Assignment

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TROUTMAN SANOERS

ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment. IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of Vijay Balasubramaniyan Witnessed by: _____ Signature Printed Name of Witness Date: _____ Witnessed by: Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY IN WITNESS WHEREOF, I have hereunto set my hand and seal this 24 day of 2013. My Malus phramidniyan (SEAL) State of GEORGIA County of FULTON duly acknowledged the same to be his free act and deed. NOTARY PUBLIC JOPLIN A HOWARD My Commission Expires My Commission Expires: (SEAL) Saplamber 13, 2016 2 of 7 CITRC5294 Assignment 20276156v1 TROUTMAN SANDERS

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto

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			(SEAL)
		Michael Thomas Hunter	
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and known to		<u> Kowillow</u>	William Francis

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GTRC1194 Assignment

	WHEREOF, I have hereunto, 2013.	set my hand and seal this	day of
			(SEAL)
		Aamir Poonawalla	(Careta)
Witnessed by:	Signature	Date:	
:: *	Signature		
	Printed Name of Witness	·······	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness		
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(SEAL)	. Distribution desirability des la live description.	My Commission Expires:	Jau25,3015
	SAM SAHI Commission # 1919265 lotary Public - California \$ Santa Clara County Comm Expires Jan 25, 2015		
		6 of 7	OTRC5294 Assignment
20276156v1			TROUTMAN SANDERS

In Witness Whereof, Assignee hereby accepts from Assignor the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Application, Related US Applications and Related Foreign Applications, by its duly authorized officer this __905_day of __3u1y ___, 2013.

> Georgia Tech Research Corporation (Assignee)

By: Name:

Title:

Authorized Signatory

Witnessed by:

July 9, 2013

Casey J. Culler

Printed Name of Witness

Witnessed by:

Date: July 9, 2013

B. Rene Osborn

Printed Name of Witness

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