504588513 10/11/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAGHURAMAN GOPALAN	04/25/2014
LEE BEGEJA	04/24/2014
DAVID CRAWFORD GIBBON	04/24/2014
ZHU LIU	04/25/2014
AMY RUTH REIBMAN	04/28/2014
BERNARD S. RENGER	04/24/2014
BEHZAD SHAHRARAY	04/24/2014
ERIC ZAVESKY	04/23/2014

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	675 W. PEACHTREE STREET
Internal Address:	SUITE 4000
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15681819

CORRESPONDENCE DATA

Fax Number: (847)510-0710

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: docketing@ggip.com

Correspondent Name: AT&T LEGAL DEPARTMENT - GG ATTN: PATENT

Address Line 1: ROOM 2A-207
Address Line 2: ONE AT&T WAY

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER: 7785-1055-02

NAME OF SUBMITTER: MEREDITH MCCOWAN

PATENT 504588513 REEL: 043834 FRAME: 0461

SIGNATURE:	/Meredith McCowan/	
DATE SIGNED:	10/11/2017	
Total Attachments: 9		
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PATENT REEL: 043834 FRAME: 0462

ASSIGNMENT

WHEREAS We, Raghuraman Gopalan, residing at 20205 Bainbridge Way, Freehold, NJ 07728, and Lee Begeja, residing at 12 Dunbridge Lane, Gillette, NJ 07933, and David Crawford Gibbon, residing at 107 Majestic South, Lincroft, NJ 07738, and Zhu Liu, residing at 34 Hummginbird Court, Marlboro, NJ 07746, and Amy Ruth Reibman, residing at 48 Edgewood Road, Chatham, NJ 07928, and Bernard S. Renger, residing at 49 Ridge Drive, New Providence, NJ 07974, and Behzad Shahraray, residing at 57 Takolusa Drive, Holmdel, NJ 07733, and Eric Zavesky, residing at 6618 Lost Horizon, Austin, TX 78759, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled METHOD AND APPARATUS FOR AUGMENTING MEDIA CONTENT; having AT&T Docket No. 2013-1214, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Intellectual Property I, LP, a Partnership organized and existing under the laws of Nevada and having an address at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30308, (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

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AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, LP to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of April, 2014. Raghuraman Gopalan
State of New Jersey)
County of Contract (Contract (Contra
On this April , 2014, before me a Notary Public in and for the above County and State, personally appeared Raginary Gopology and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.
Notary Public My Commission Expires: 49/30(4)

Notary Public New Jersey

IN TESTIMONY WHEREOF, I have	hereunto set my hand this _24	day of April 2014.
	12	1300
	Lee Begeja	78
State of Mca Jepsey		
State of New Jepse: County of Somerse)		
On this 24 day of Ap County and State, personally appeared the foregoing assignment as his/her fro	, 2014, before me a dee act and deed for the purpose	Notary Public in and for the above and acknowledged the execution of herein set forth.
Notary Public M	1y Commission Expires:	
		NOTARY PUBLIC OF NEW JERSEY ID # 2438146 My Commission Expires 9/6/2018

IN TESTIMONY WHEREOF, I have hereunto set my hand this	
State of New Serser) County of Some set	
On this 24 day of, 2014, before me a Notary Public in and for the above County and State, personally appeared, and acknowledged the execution the foregoing assignment as his/her free act and deed for the purpose herein set forth.	ve of
My Commission Expires: GAIL PETZ	

	IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of April , 2014. Zhu Liu
	State of Now Jersey
	County of Moune of 4
	On this $\frac{\sqrt{5}}{2}$ day of $\frac{\sqrt{100}}{2}$, 2014, before me a Notary Public in and for the above County and State, personally appeared $\frac{\sqrt{100}}{2}$, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.
Den	Notary Public My Commission Expires: 9/9/3014
My	Damon P Pearson Notary Public New Jersey Commission Expires 9-9-2014

	IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of April, 2014. Amy Ruth Reibman
	State of New Jersey
	County of Man mouth)
	On this 28 day of April, 2014, before me a Notary Public in and for the above County and State, personally appeared Any Roth Reibman, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.
Da	Notary Public My Commission Expires: 9/9/2014
My Con	Damon P Pearson Notary Public New Jersey nmission Expires 6-8-2014

IN TESTIMONY WHEREOF, I have hereur	nto set my hand this $\stackrel{\scriptstyle Z}{\sim}$	4 day of Apr. 1, 2014.
	Bernard S. Renger	
State of New Selses) County of Some (set)		
On this 24day of		
Notary Public My Con	nmission Expires:	GAIL PETZ NOTARY PUBLIC OF NEW JERSE ID # 2438146 My Commission Expires 9/6/2018

IN TESTIMONY WHEREOF, I have hereunto set my hand this Behzad Shahrara	Grahry
State of New Jerse) County of Some Set)	
On this 24 day of Apr. 1, 2014, before me County and State, personally appeared the foregoing assignment as his/her free act and deed for the purpo	
Notary Public My Commission Expires:	GAIL PETZ NOTARY PUBLIC OF NEW JERS - ID # 2438146 Wy Commission Exolusis 9/8/2018

IN TESTIMONY WHEREOF, I ha	we hereunto set my hand this $\frac{23}{2}$ day of $\frac{100}{2}$, 2014.
	E 1
	Eric Zavesky
State of Jexas)	·
County of Travis	
County and State, personally appear	, 2014, before me a Notary Public in and for the above ared <u>Fric Zaves Ky</u> , and acknowledged the execution of free act and deed for the purpose herein set forth.
amy R. Morman Notary/Public	My Commission Expires: 8-10-16
	AMY R NORMAN Notary Public, State of Texas My Commission Expires August 10, 2016