PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BO HAN	04/05/2018
VIJAY GOPALAKRISHNAN	04/06/2018
JACKSON JARRELL PAIR	04/09/2018
VIKASH SHARMA	04/09/2018

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:	15949797

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.

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

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NAME OF SUBMITTER: JILL R. HOLMAN SIGNATURE: /JILL R. HOLMAN/ DATE SIGNED: 04/19/2018	ATTORNEY DOCKET NUMBER:	7785-1742
	NAME OF SUBMITTER:	JILL R. HOLMAN
DATE SIGNED: 04/19/2018	SIGNATURE:	/JILL R. HOLMAN/
	DATE SIGNED:	04/19/2018

Total Attachments: 7

PATENT REEL: 045588 FRAME: 0200

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PATENT REEL: 045588 FRAME: 0201

ASSIGNMENT

WHEREAS We, BO HAN, residing at 15 Killarney Street, Bridgewater, NJ 08807, and VIJAY GOPALAKRISHNAN, residing at 10 Butler Road, Edison, NJ 08820, and JACKSON JARRELL PAIR, residing at 578 Washington Blvd, #722, Marina Del Rey, CA 90292, and VIKASH SHARMA, residing at 13924 Panay Way St., Tropez, Apt P-609, Marina Del Rey, CA 90292, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled SYSTEM AND METHOD FOR SEGMENTING IMMERSIVE VIDEO; having AT&T Docket No. 2017-0630, US Patent Application Serial no. 15/949,797, for a full description of which reference is here made to an application for Letters Patent of the United States; and

WHEREAS, AT&T Intellectual Property I, L.P., 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; Assignor also authorizes the Assignee, any agent of the Assignee, and any attorney of the Assignee to fill in the U.S. Application Serial No. above, and any further identification information, if required;

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, L.P. 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 h	ave hereunto set my hand this <u>5</u> day of <u>477</u>	<u>^</u> , 2018.
	BO HAN	
State of New Joney		
County of Sander Set		
On this day of	, 2018, before me a Not	ary Public in and
for the above County and State, pe	sonally appeared	
80 Han	, and acknowledged the executio	n of the foregoing
assignment as his/her free act and	leed for the purpose herein set forth.	
Land Jee	RICHARD SETO NOTARY PUBLIC OF NEV ID 8 2438 861 My Commission Explans (y Mees ey
Notary Public	My Commission Expires:	

set my hand this day of April , 2018.
VIJAY GOPALAKRISHNAN
, 2018, before me a Notary Public in and
ared
and acknowledged the execution of the foregoing
urpose herein set forth.
RICHARO BETO YEE NOTARY PUBLIC OF NEW JERSEY ID # 2439861 My Commission Expires 10/22/2018
ssion Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of April , 2018. JACKSON JAPRELL PAIR
State of California
County of
On before me, (insert name and title of the officer)
(most mane and title of the officer)
personally appeared
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. See Affached
Signature (Seal)
Z

IN TESTIMONY WHEREOF, I have hereunto se	t my hand this 4th day of April
	Vikuhhruma
:	VIKASH SHARMA
State of California	
County of)
	autoritation of the second of
0	A Company of the Comp
On before me. (insert name and title of the officer))
(insert name and title of the officer)	part of the second of the seco
personally appeared	
who proved to me on the basis of satisfactory	evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and	acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(i	es), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon be	chalf of which the person(s) acted, executed the
instrument.	
I certify under PENALTY OF PERJURY und	er the laws of the State of California that the
foregoing paragraph is frue and correct.	
WITNESS my kand and official seal.	See Affached
WITHESS My maind and Official Seal.	see Attached
/	
Signature	(Seal)
<i>f</i>	

A notary public or other officer completing this certifical document to which this certificate is attached, and not the	te verifies only the identity of the individual who signed the e truthfulness, accuracy, or validity of that document.
State of California County of Los Angeles On April 9, 2018 before me, Lou Date personally appeared Lackson Lovvell	net E. Shibda, Notary Public Here Insert Name and Title of the Officer Pair and Vikash Sharma Name(s) of Signer(s)
subscribed to the within instrument and acknowle	evidence to be the person(s) whose name(s) is/are edged to me that he/she/they executed the same in s/her/their signature(s) on the instrument the person(s), ted, executed the instrument.
	certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph
;	is true and correct.
	is true and correct. WITNESS my band and official seal.
JANET E. SHIBATA	
JANET E. SHIBATA Notary Public - California Los Angeles County Commission # 2173842 My Comm. Expires Nov 26, 2020 Place Notary Seal Above	Signature Signature of Notary Public
JANET E. SHIBATA Notary Public - California Los Angeles County Commission # 2173842 My Comm. Expires Nov 26, 2020 Place Notary Seal Above Though this section is optional, completing this	WITNESS my hand and official seal. Signature Hutte Signature
JANET E. SHIBATA Notary Public - California Los Angeles County Commission # 2173842 My Comm. Expires New 26, 2020 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document	Signature Signature of Notary Public FIONAL information can deter alteration of the document or form to an unintended document.
JANET E. SHIBATA Notary Public - California Los Angeles County Commission # 2173842 My Comm. Expires New 26, 2020 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document	Signature Signature of Notary Public FIONAL information can deter alteration of the document or form to an unintended document. 2011- ext 0630 Document Date: In Named Above: Bo Haw and Vijay Gopolakris Signer's Name: Vikosh Sharwa

PATENT REEL: 045588 FRAME: 0208

RECORDED: 04/19/2018