505278537 01/15/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5325309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID MIDKIFF	05/16/2012

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:	16247140

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

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

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	7785-0919-04
NAME OF SUBMITTER:	ERIK BOYD
SIGNATURE:	/Erik Boyd/
DATE SIGNED:	01/15/2019

Total Attachments: 2

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PATENT REEL: 048007 FRAME: 0483 505278537

INITIALS:
David Midkiff SSur 10/4/2016

ASSIGNMENT

partnership

WHEREAS, AT&T Intellectual Property I, LP, a corporation organized and existing under and by virtue of the laws of the State or Nevada, having a place of business at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30375, hereinafter called the "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 thereof.

NOW. THEREFORE, to all whom it may concern, be it known that for good and valuable consideration. the receipt of which by the Assignor(s) from the Assignee is hereby acknowledged, the Assignor(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; 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 said Assignor(s) hereby covenant and agree, for both the Assignor(s) and the Assignor(s)' legal representatives, that the Assignor(s) will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor(s) will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor(s) authorize 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 said Assignor(s) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

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

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REEL: 048007 FRAME: 0484

2011-2052_7785-0919

electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor(s), on the date(s) listed below.

STATE OF Littlemyton

COUNTY OF KANG

The foregoing instrument was sworn to and subscribed before me this 14th day of _2012, by David Midkiff, who is:

personally known to me; or

双 produced identification; identification type: <u>\$\langle \langle \langl</u>

BONNIE FRUIK

STATE OF WASHINGTON

NOTARY PUBLIC

MY COMMISSION EXPIRES 03-01-16

Notary Signature

Print, type or stamp name of notary

PATENT REEL: 048007 FRAME: 0485

RECORDED: 01/15/2019