## 504188990 01/20/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PAMELA A. M. BOGDAN	01/04/2017
GEORGE BLANDINO	01/09/2017
KEN LIU	01/05/2017
LEON LUBRANSKI	01/04/2017
ERIC MYBURGH	01/14/2017
TRCY VAN BRAKLE	01/05/2017

### **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15371321

### **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

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Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	7785-1508
NAME OF SUBMITTER:	ED GUNTIN
SIGNATURE:	/Ed Guntin/
DATE SIGNED:	01/20/2017

PATENT REEL: 041028 FRAME: 0647

# Total Attachments: 8 source=7785-1508 SIGNED ASSIGNMENT#page1.tif source=7785-1508 SIGNED ASSIGNMENT#page2.tif source=7785-1508 SIGNED ASSIGNMENT#page3.tif source=7785-1508 SIGNED ASSIGNMENT#page4.tif source=7785-1508 SIGNED ASSIGNMENT#page5.tif source=7785-1508 SIGNED ASSIGNMENT#page6.tif source=7785-1508 SIGNED ASSIGNMENT#page7.tif source=7785-1508 SIGNED ASSIGNMENT#page8.tif

PATENT REEL: 041028 FRAME: 0648

### ASSIGNMENT

WHEREAS We, PAMELA A. M. BOGDAN, residing at 7 Hampton Court, Neptune, NJ 07753, and GEORGE BLANDINO, residing at 36 Bradley Lane, Bridgewater, NJ 08807, and KEN LIU, residing at 1087 New Dover Road, Edison, NJ 08820, and LEON LUBRANSKI, residing at 2224 Shawnee Path, Scotch Plains, NJ 07076, and ERIC MYBURGH, residing at 9879 Alhambra Lane, Bonita Springs, FL 34135, and TRACY VAN BRAKLE, residing at 46 Heyers Mill Rd, Colts Neck, NJ 07722, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled METHOD AND APPARATUS FOR UTILITIES MANAGEMENT VIA GUIDED WAVE COMMUNICATION; having AT&T Docket No. 2016-0765, US Patent Application Serial no. 15/371,321, 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 that 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;

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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.

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 have hereunto set my hand this	4 day of January, 2016.
PAMELA A. N	1. BOODAN
State of New Sussey)	
County of <u>Honmorth</u> )	
On this 4 day of Sanuared, 20 for the above County and State, personally appeared	before me a Notary Public in and
Danada Alla	rledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set	forth.
hancy O. Henderson  Notary Public My Commission Expires:	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto set my hand this GEORGE BLA	9 day of Jan, 2018.76
State of Monmon 46	.s
On this day of, 20  for the above County and State, personally appeared	16, before me a Notary Public in and
for the above County and State, personally appeared , and acknow	
assignment as his/her free act and deed for the purpose herein set	
My Commission Expires:	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401 My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of January, 2016  KEN LIU
State of New Sursey) County of Monmouth)
On this, day of, 2016, before me a Notary Public in and for the above County and State, personally appeared, and acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set forth.
NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY 1.D. # 50027401  My Commission Expires: My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto set my hand this	Lulan
State of Ill SUSY )	
County of Monmonth)	
On this Hay of Agnuares, 20	15, before me a Notary Public in and
n	ah
for the above County and State, personally appeared	
her herbranske, and acknow	ledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set	forth.
	NANCY A. HENDERSON
Vivoi O Hondoson	NOTARY PUBLIC OF NEW JERSEY
- region of the control of the contr	I.D. # 50027401 My Commission Expires 12/1/2020
Notary Public My Commission Expires:	

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of anuay . 2018.7
IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of January, 2019.7
ERIC MY BURGH
State of Honda)
County of Lee)
On this Hay of January, 2016, before me a Notary Public in and
for the above County and State, personally appeared
Enc Myburgh, and acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set forth.
myb.
Notary Public My Commission Expires: 3/6/2020
ast NAME.
MARLENYN GARCIA Notary Public - State of Florida Commission # FF 967921 My Comm. Expires Mar 6, 2020
The same of the sa

IN TESTIMONY WHEREOF, I have hereunto set my hand this
TRACY VAN BRAKLE
State of (W) (WSLY)
County of MonMoruth
On this
Tracy van Brakle, and acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set forth.
NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Expires:  My Commission Expires: