04/13/2017 504321118

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4367800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAMELA A.M. BOGDAN	03/22/2017
GEORGE BLANDINO	04/03/2017
KEN LIU	03/23/2017
LEON LUBRANSKI	03/23/2017
ERIC MYBURGH	03/27/2017
TRACY VAN BRAKLE	03/27/2017
ROBERT BENNETT	04/10/2017
DONALD J. BARNICKEL	03/27/2017
THOMAS M. WILLIS III	03/27/2017
FARHAD BARZEGAR	03/27/2017
IRWIN GERSZBERG	03/27/2017
PAUL SHALA HENRY	03/27/2017

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:	15484198

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

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

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

REEL: 042004 FRAME: 0216 504321118

PATENT

Address Line 4: BEDMINSTER, NEW JERSEY 07921		
ATTORNEY DOCKET NUMBER:	7785-1511	
NAME OF SUBMITTER:	ED GUNTIN	
SIGNATURE:	/Ed Guntin/	
DATE SIGNED:	04/13/2017	
Total Attachments: 14		
source=7785-1511 Executed Assignme	ent - ALL#page1.tif	
source=7785-1511 Executed Assignme	ent - ALL#page2.tif	
source=7785-1511 Executed Assignment - ALL#page3.tif		
source=7785-1511 Executed Assignment - ALL#page4.tif		
source=7785-1511 Executed Assignment - ALL#page5.tif		
source=7785-1511 Executed Assignment - ALL#page6.tif		
source=7785-1511 Executed Assignment - ALL#page7.tif		
source=7785-1511 Executed Assignment - ALL#page8.tif		
source=7785-1511 Executed Assignment - ALL#page9.tif		
source=7785-1511 Executed Assignment - ALL#page10.tif		
source=7785-1511 Executed Assignment - ALL#page11.tif		
source=7785-1511 Executed Assignment - ALL#page12.tif		
source=7785-1511 Executed Assignment - ALL#page13.tif		
1		

source=7785-1511 Executed Assignment - ALL#page14.tif

PATENT REEL: 042004 FRAME: 0217

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, and ROBERT BENNETT, residing at 1540 North Bayview Rd EXT, Southold, NY 11971, and DONALD J. BARNICKEL, residing at 3 Wells Road, Flemington, NJ 08822, and THOMAS M. WILLIS III, residing at 10 Beverly Court, Tinton Falls, NJ 07724, and FARHAD BARZEGAR, residing at 14 Farrington Lane, Branchburg, NJ 08876, and IRWIN GERSZBERG, residing at 12 Dickinson Road, Kendall Park, NJ 08824, and PAUL SHALA HENRY, residing at 7 Crow Field Lane, Holmdel, NJ 07733, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled MACHINE ASSISTED DEVELOPMENT OF DEPLOYMENT SITE INVENTORY; having AT&T Docket No. 2016-0728, US Patent Application Serial no. 15/484,198, 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 Assignce), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout he 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 ge x 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 file if 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 I 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;

Page 1 of 14

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.

Page 2 of 14

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of Mayor 12017.	
PAMELA A. M. BOGDAN	
State of Allowy (County of Monnow 46)	
On this 22 day of March, 2017, before me a Notary Public in and	
for the above County and State, personally appeared Hamala H. Boglan, 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 Comm. # 50027401 My Commission Expires: My Commission Expires:	

IN TESTIMONY WHEREOF, I	nave hereunto se	et my hand this	3 day of April, 2017.
;		GEORGE BL	la si
State of VIII SUISCE)		
County of MONIMAN	_)		
On this day of	April	. 20	117, before me a Notary Public in and
for the above County and State, pe			
Glerry Hander	10	, and acknow	ledged the execution of the foregoing
assignment as his/her free act and o	deed for the pur	pose herein set	forth.
			NANCY A. HENDERSON
Any Othenderson			NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401
Notary Public	My Commissi	on Expires:	My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I	nave hereunto set my hand thi	is 3 day of Morch , 2017.
	KEN LIU	···V
State of MUSLY County of MOOMOUSE)	
On this 23 day of _	March,	2017, before me a Notary Public in and
for the above County and State, pe	ersonally appeared	
Ken hu	, and ackno	owledged the execution of the foregoing
assignment as his/her free act and	deed for the purpose herein se	et forth.
Jancy Otherderson)	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401
Notary Public	My Commission Expires: _	My Commission Expires 12/1/2020

his $\frac{23}{4}$ day of $\frac{MARSH}{4}$, 2017.
BRANSKI
2017, before me a Notary Public in and
nowledged the execution of the foregoing
set forth.
NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401 My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I F	ave hereunto set my hand this 27 day of 1) HRCH 2017. ERICMYBURGH
State of Florida County of LEE	
County of LEE)
On this 2774 day of	Manch, 2017, before me a Notary Public in and
-	, and acknowledged the execution of the foregoing deed for the purpose herein set forth.
Notary Public	My Commission Expires: 9/29/2019
MAURICIO RAMIREZ Notary Public - State of Florida Commission # FF 922384 My Comm. Expires Sep 29, 2019	

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of 120)17.
TRACY VAN-BRAKLE	
State of Mu Misey)	
County of Monmouth)	
On this 27 day of March, 2017, before me a Notary Public in	ı and
for the above County and State, personally appeared	
TRACE Van Brakle, and acknowledged the execution of the fore	going
assignment as his/her free act and deed for the purpose herein set forth.	
NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERS Comm. # 50027401	EY
Notary Public My Commission Expires: My Commission Expires 12/1/20:	20

IN TESTIMONY WHEREOF, I have hereunto set my h	and this $\frac{10}{10}$ day of $\frac{10}{10}$, 2017.
PORE	AV VI
/	KI DEMATI
State of New Sirsly	
County of MONNOWA)	
On this 10 day of April	, 2017, before me a Notary Public in and
for the above County and State, personally appeared	
2 short Bana 1	acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose he	erein set forth
	orem set retuin.
Jancy a Handerson	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401
Notary Public My Commission Exp	MV Commission Euripe 40/4 mans

IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{27}{\text{day of}} 614600000000000000000000000000000000000$
DONALD J. BARNICKEL
State of MM SUBLY) County of MM M2HB)
County of Many Hay
On this 27 day of 4000, 2017, before me a Notary Public in and
for the above County and State, personally appeared
Dana Barrichel, 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 Comm. # 50027401
Notary Public My Commission Expires: My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27th day of March, 2017.	
t Hause M 121HP. TIL	
THOMAS M. WILLIS III	
State of Alw Sliger	
County of Monnyath,	
\bigwedge \downarrow	
On this 27 day of, 2017, before me a Notary Public in and	
for the above County and State, personally appeared	
Thomas M Willis III, and acknowledged the execution of the foregoing	
assignment as his/her free act and deed for the purpose herein set forth.	
MANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY	
Notary Public My Commission Expires: My Commission Expires 12/1/2020	

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of March 2017.
State of Man Moules County of Man Moules
On this 27 day of 4000, 2017, before me a Notary Public in and for the above County and State, personally appeared assignment as his/her free act and deed for the purpose herein set forth.
NANCY A. HENDERSON NOTARY Public OF NEW JERSEY Comm. # 50027401 My Commission Expires: My Commission Expires 12/1/2020

ave hereunto set my hand thi	sal day of March, 2017.
IRWIN GER	SZBERG
larch :	2017, before me a Notary Public in and
• • •	
and ackno	wledged the execution of the foregoing
My Commission Eynires	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401 My Commission Expires 12/1/2020
) () () () () () () () () () () () () ()	ersonally appeared

IN TESTIMONY WHEREOF, I have hereunto	set my hand this 27 day of 170mg - 2017.
	PAUL SHALA HENRY
State of NW SUSLY)	
County of Monay (County of Monay day of Monay (County of Monay of Monay day of Monay (County of Monay day day of Monay day of Monay day day day of Monay day day day day day day day day day d	2017, before me a Notary Public in and
for the above County and State, personally apportunity apportunity and State, personally apportunity	
assignment as his/her free act and deed for the p	
Cincy C. Hende GSO My Commi	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY Comm. # 50027401 My Commission Expires 12/1/2020