PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2875019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDRE GERBER	12/15/2010
OLIVER SPATSCHECK	12/15/2010
FREDERICK TRUE	03/30/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14282956

CORRESPONDENCE DATA

Fax Number: (732)542-2283

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.

Phone: 732-542-2280

Email: khunter@walltong.com

Correspondent Name: AT&T LEGAL DEPARTMENT - WT

Address Line 1: ONE AT&T WAY
Address Line 2: ROOM 2A-212

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2010-0064CON
NAME OF SUBMITTER:	KIN-WAH TONG
SIGNATURE:	/Kin-Wah Tong/
DATE SIGNED:	05/29/2014

Total Attachments: 5

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PATENT REEL: 032985 FRAME: 0004

ASSIGNMENT AND AGREEMENT

For value received, we, Alexandre Gerber of Madison in the County of Morris and State of New Jersey, Oliver Spatscheck of Randolph in the County of Morris and State of New Jersey, and Frederick True of Bloomsbury in the County of Hunterdon and State of New Jersey hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR APPLYING UNIFORM HASHING TO WIRELESS **TRAFFIC**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Intellectual Property I, L.P. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Intellectual Property I, L.P. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We request that any and all patents for said inventions be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate.

PATENT REEL: 032985 FRAME: 0005

Date: 12/15/2010	ALEXANDRE GERBER
County of Marris) State of Mw Jusy)	
On this day of	December, 2010, before me personally
came ALEXANDRE GERBER, to me executed the foregoing instrument, and	known to be the individual described in and who lacknowledged execution of the same.

ISABEL M. CABRERA NOTARY PUBLIC OF NEW JERSEY I.D. # 2389780 My Commission Expires 9/24/2014

Dabel M, Cahrun Notary Public

Date: $\frac{12/15/2010}{1}$	OLIVER SPATSCHECK
County of Morris) State of New Jusey)	
On this 15 day of Neumble came OLIVER SPATSCHECK, to me known to be executed the foregoing instrument, and acknowledge	e the individual described in and who
	Isabel M. Cabrera
	Notary Public

ISABEL M. CABRERA NOTARY PUBLIC OF NEW JERSEY I.D. # 2389780 My Commission Expires 9/24/2014

ASSIGNMENT AND AGREEMENT

For value received, we, Alexandre Gerber of Madison in the County of Morris and State of New Jersey, Oliver Spatscheck of Randolph in the County of Morris and State of New Jersey, and Frederick True of Bloomsbury in the County of Hunterdon and State of New Jersey hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR APPLYING UNIFORM HASHING TO WIRELESS TRAFFIC, described in an application for Letters Patent of the United States, filed on December 15, 2010, and assigned U.S. Patent Application Serial No. 12/969,530, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Intellectual Property I, L.P. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Intellectual Property I, L.P. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We request that any and all patents for said inventions be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate:

We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

PATENT REEL: 032985 FRAME: 0008

Docket No. ATT/2010-0064

Bata 3/30/0
Date: 5/30/11 10000
FREDERICK TRUE
(hattandad)
County of Thursday)
State of Illi 19509
Madell Committee of the
On this day of the the day, 2011, before me personally
came FREDERICK TRUE, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.
Don't little
Wygona My
Notary Public
u
JOLANTA VETRI
NOTARY POLICEGEY
STATE OF NEW JERSEY STATE OF NEW JERSEY MY COMMISSION EXPIRES AUG. 26. 2019
MY COMMISSION 23

PATENT REEL: 032985 FRAME: 0009

RECORDED: 05/29/2014