

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sarat Puthenpura</td> <td>12/01/2011</td> </tr> <tr> <td>David G. Bellanger</td> <td>12/01/2011</td> </tr> <tr> <td>Sam Houston Parker</td> <td>12/06/2011</td> </tr> <tr> <td>Ravi Raina</td> <td>12/01/2011</td> </tr> <tr> <td>Huahui Wang</td> <td>12/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Sarat Puthenpura	12/01/2011	David G. Bellanger	12/01/2011	Sam Houston Parker	12/06/2011	Ravi Raina	12/01/2011	Huahui Wang	12/01/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>AT&T Intellectual Property I, L.P.</td> </tr> <tr> <td>Street Address:</td> <td>675 W. Peachtree Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 4000</td> </tr> <tr> <td>City:</td> <td>Atlanta</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30375</td> </tr> </table>		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:	30375
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CORRESPONDENCE DATA													
<p>Fax Number: (732)542-2283</p> <p>Phone: 732-542-2280</p> <p>Email: tcarter@walltong.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: John Sherman</p> <p>Address Line 1: One AT&T Way</p> <p>Address Line 2: Room 2A-207</p> <p>Address Line 4: Bedminster, NEW JERSEY 07921</p>													
ATTORNEY DOCKET NUMBER:	2011-0858												

OP \$40.00 13315025

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PATENT
REEL: 027361 FRAME: 0757

NAME OF SUBMITTER:

Kin-Wah Tong

Total Attachments: 6

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PATENT

REEL: 027361 FRAME: 0758

ASSIGNMENT AND AGREEMENT

For value received, we, Sarat Puthenpura of Berkeley Heights in the County of Union and State of New Jersey, David G. Belanger of Hillsborough in the County of Somerset and State of New Jersey, Sam Houston Parker of Cranbury in the County of Middlesex and State of New Jersey, Ravi Raina of North Brunswick in the County of Middlesex and State of New Jersey, and Huahui Wang of East Hanover in the County of Morris 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 675 W. Peachtree Street, Atlanta, Georgia 30375, 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 PLANNING RADIO FREQUENCY SPECTRUM IN A FIXED WIRELESS NETWORK**, 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.

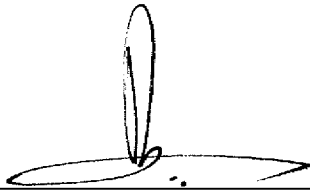
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, L.P. to apply for patent or other form of protection for said inventions and to claim the aforesaid 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.

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

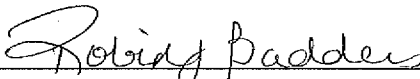
necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: Dec 1 / 2011


SARAT PUTHENPURA

County of Monroe)
State of New Jersey)

On this 1 day of December, 2011, before me personally came SARAT PUTHENPURA, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

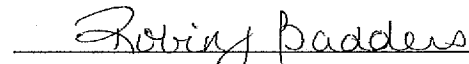
ROBIN J. BADDERS
ID # 2220046
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2013

Date: 12/1/11


DAVID G. BELANGER

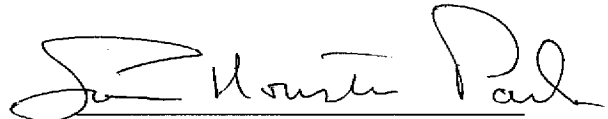
County of Morris)
State of New Jersey)

On this 1 day of December, 2011, before me personally came DAVID G. BELANGER, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

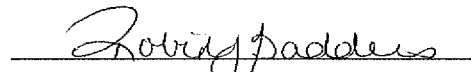
ROBIN J. BADDERS
ID # 2220046
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2013

Date: 12/6/2011


SAM HOUSTON PARKER

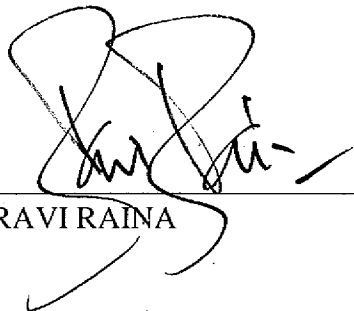
County of Morris)
State of New Jersey)

On this 6 day of December, 2011, before me personally came SAM HOUSTON PARKER, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

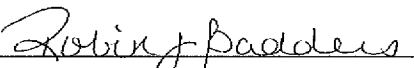
ROBIN J. BADDERS
ID # 2220046
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2013

Date: Dec 1, 2011


RAVI RAINA

County of Morris)
State of New Jersey)

On this 1 day of December, 2011, before me personally came RAVI RAINA, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

ROBIN J. BADDERS
ID # 2220046
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2013

Date: 12/01/2011

Wang Huahui
HUAHUI WANG

County of Morris)
State of New Jersey)

On this 1 day of December, 2011, before me personally came HUAHUI WANG, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders
Notary Public

ROBIN J. BADDERS
ID # 2220046
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2013