

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>Matthew Deuschle</td> <td>03/12/2009</td> </tr> <tr> <td>Fernando Bastos</td> <td>03/16/2009</td> </tr> <tr> <td>David Walter Byrne</td> <td>03/03/2009</td> </tr> <tr> <td>Wayne Fiskum</td> <td>04/21/2009</td> </tr> <tr> <td>Terry Michael Herron</td> <td>03/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Matthew Deuschle	03/12/2009	Fernando Bastos	03/16/2009	David Walter Byrne	03/03/2009	Wayne Fiskum	04/21/2009	Terry Michael Herron	03/05/2009
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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>645 E. Plumb Lane</td> </tr> <tr> <td>City:</td> <td>Reno</td> </tr> <tr> <td>State/Country:</td> <td>NEVADA</td> </tr> <tr> <td>Postal Code:</td> <td>89502</td> </tr> </table>		Name:	AT&T Intellectual Property I, L.P.	Street Address:	645 E. Plumb Lane	City:	Reno	State/Country:	NEVADA	Postal Code:	89502		
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CORRESPONDENCE DATA													
<p>Fax Number: (732)842-8388 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732-842-8110 Email: tcarter@walltong.com</p> <p>Correspondent Name: John Sherman Address Line 1: One AT&T Way Address Line 2: Room 2A-207 Address Line 4: Bedminster, NEW JERSEY 07921</p>													
ATTORNEY DOCKET NUMBER:	ATT/2008-0195												
NAME OF SUBMITTER:	Kin-Wah Tong												

CH \$40.00 12346485

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PATENT
 REEL: 022593 FRAME: 0188

Total Attachments: 8

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ASSIGNMENT AND AGREEMENT

For value received, we, Matthew Deuschle of Lee's Summit in the County of Jackson and State of Missouri, Fernando Bastos of Danville in the County of Contra Costa and State of California, David Walter Byrne of Allen in the County of Collin and State of Texas, Wayne Fiskum of Salida in the County of Stanislaus and State of California and Terry Michael Herron of Gillespie in the County of Macoupin and State of Illinois 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 PROVIDING LOCAL LOOP INFORMATION**, described in an application for Letters Patent of the United States, filed on December 30, 2008, and associated with U.S. Patent Application No. 12/346,485, 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.

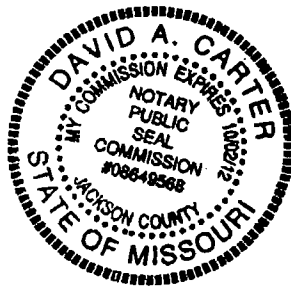
We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 3-12-09

County of JACKSON
State of MISSOURI

Matthew W. Deuschle
MATTHEW DEUSCHLE

On this 12th day of March, 2009, before me personally came MATTHEW DEUSCHLE, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



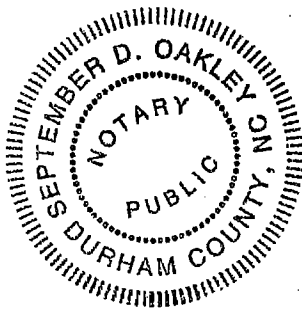
[Signature]
Notary Public

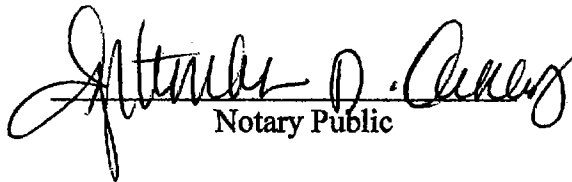
Date: 3/16/2009


FERNANDO BASTOS

County of Durham)
State of North Carolina)

On this 16th day of March, 2009, before me personally came FERNANDO BASTOS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

Date: 3-3-2009

David Walter Byrne
DAVID WALTER BYRNE

County of Dallas)
State of Texas)

On this 3rd day of March, 2009, before me personally came DAVID WALTER BYRNE, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Veronica L. Tudon
Notary Public

ASSIGNMENT AND AGREEMENT

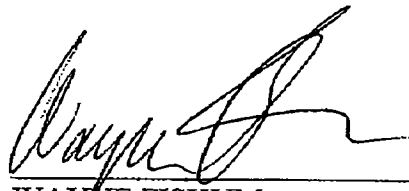
For value received, we, Matthew Deuschle of Lee's Summit in the County of Jackson and State of Missouri, Fernando Bastos of Danville in the County of Contra Costa and State of California, David Walter Byrne of Allen in the County of Collin and State of Texas, Wayne Fiskum of Salida in the County of Stanislaus and State of California and Terry Michael Herron of Gillespie in the County of Macoupin and State of Illinois 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 PROVIDING LOCAL LOOP INFORMATION**, described in an application for Letters Patent of the United States, filed on December 30, 2008, and associated with U.S. Patent Application No. 12/346,485, 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.

Date: 4/21/2009



WAYNE FISKUM

County of _____)
State of _____)

On this _____ day of _____, 2009, before me personally came WAYNE FISKUM, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Joaquin

On Apr. 21, 2009 before me, Pamela D. Hartley Notary Public
(Here insert name and title of the officer)

personally appeared Wayne Fiskum

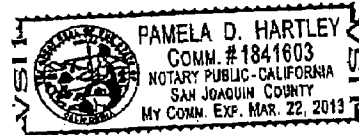
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature of Notary Public

(Notary Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Assignment & Agreement
(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages 3 Document Date 4-21-09

(Additional information)

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

(Title)

- ☐ Partner(s)
☐ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is/are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document

Date: March 5, 2009

Terry Michael Herron
TERRY MICHAEL HERRON

County of)
State of)

On this 5th day of March, 2009, before me personally came TERRY MICHAEL HERRON, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Artie K. Herron
Notary Public

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