

U.S. PTO
12/460113
07/14/2009

PTO-1619A MODIFIED BY AT&T CC

Docket Number: 2008-1296

07-24-2009

U.S. Department of Commerce
Patent and Trademark Office
PATENT



EET

103568356

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☐ Correction of PTO Error
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- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other:

U.S. Government

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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Breslau, Lee

Name (line 2)

Execution Date

MMDDYYYY

07/07/2009

Second Party

Name (line 1) Dhamdhere, Amogh

Name (line 2)

Execution Date

07/14/2009

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) AT&T Intellectual Property 1, L.P.

Name (line 2)

Address (line 1) 645 E. Plumb Lane

Address (line 2) Reno, Nevada 89502

Address (line 3) United States of America

City, State/Country Zip Code

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Enter for the first Receiving Party only.

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PATENT

REEL: 023011 FRAME: 0326

Docket Number: 2008-1296

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)☒ Mark if additional names of conveying parties attached*Enter Additional Conveying Parties*

Name (line 1)	Lund, Carsten	Execution Date MMDDYYYY 07/06/2009
Name (line 2)		
Name (line 1)	Sen, Subhabrata	Execution Date MMDDYYYY 07/06/2009
Name (line 2)		
Name (line 1)		Execution Date MMDDYYYY
Name (line 2)		

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Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
City, State/Country Zip Code		
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Application Number(s) or Patent Number(s)☐ Mark if additional numbers are attached*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

Patent Application Number(s)	Patent Number(s)

PATENT**REEL: 023011 FRAME: 0327**

Docket Number:

2008-1296

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
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PATENT

Conveying Party(ies)☒ Mark if additional names of conveying parties attached*Enter Additional Conveying Parties*

Name (line 1)	Duffield, Nicholas	Execution Date 07/06/2009
Name (line 2)		
Name (line 1)	Ee, Cheng	Execution Date 07/06/2009
Name (line 2)		
Name (line 1)	Gerber, Alexandre	Execution Date 07/06/2009
Name (line 2)		

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Address (line 2)		
Address (line 3)		
City, State/Country Zip Code		
Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Address (line 1)		
Address (line 2)		
Address (line 3)		
City, State/Country Zip Code		

Application Number(s) or Patent Number(s)☐ Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)

PATENT**REEL: 023011 FRAME: 0328**

Docket Number: 2008-1296

Page 2

U.S. Department of Commerce
Patent and Trademark Office
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Patent Application Number(s)	Patent Number(s)
Not yet assigned Filed - herewith	

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
07/07/2009

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

Number of Properties

Enter the total number of properties involved. # 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment :

Enclosed ☒ Deposit Account ☐

Deposit Account

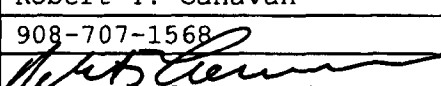
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Deposit Account Number: 01-2745

Authorization to charge additional fees: ☐ Yes ☒ No

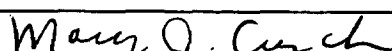
STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NAME	Robert T. Canavan		
TELEPHONE	908-707-1568		
SIGNATURE		DATE	07/14/2009

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director - U. S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 07/14/09

Type or Printed Name	Mary J. Curch		
Signature		Date	07/14/2009

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PATENT
REEL: 023011 FRAME: 0329

ASSIGNMENT

WHEREAS, **Lee Breslau**, a citizen of the United States of America, residing at 36 Hickory Drive, Basking Ridge, NJ 07920; **Amogh Dhamdhere**, a citizen of the United States of America, residing at 770 Myrtle Street NW, Apt. 13, Atlanta, GA 30308; **Nicholas Duffield**, a citizen of the United States of America, residing at 12 Debary Place, Summit, NJ 07901; **Cheng Ee**, a citizen of Singapore, residing at 806 Lindsley Drive, Apt. 2K, Morristown, New Jersey 07960; **Alexandre Gerber**, a citizen of France, residing at 31 Greenwood Avenue, Madison, New Jersey 07940; **Carsten Lund**, a citizen of Denmark, residing at 56 Marion Avenue, Berkeley Heights, New Jersey 07922; and **Subhabrata Sen**, a citizen of India, residing at 74 Southgate Road, Apt. 1, New Providence, New Jersey 07974; hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "**Indirect Measurement Methodology To Infer Routing Changes Using Statistics Of Flow Arrival Processes**", **Attorney Docket No. 2008-1296**, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, 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, hereinafter called the "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 thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; 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 said Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may

arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignors authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignors, on the date(s) listed below.

Name of Inventor: Lee Breslau

Signature of Inventor: Lee Breslau

Date: 7/7/09

United States of America)

State of New Jersey)

County of Somerset)

On this 7th day of July, 2009, before me personally came Lee Breslau to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rita M. Osborne
Notary Public

RITA OSBORNE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Mar. 2, 2012
PATENT

REEL: 023011 FRAME: 0331

Name of Inventor:

Amogh Dhamdhare

Signature of Inventor:

Amogh Dhamdhare

Date: 7/14/2009

United States of America

)

State of California

)

County of San Diego

)

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

Notary Public

See Attached CALifornia NotarizATIOn.

M. Boone

7/14/09

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Diego

On 7/14/09

Date

before me,

Melanie Boone/Notary Public

Here Insert Name and Title of the Officer

personally appeared

AMOGH DHAMDHARE

Name(s) of Signer(s)

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

Melanie Boone

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Patent Application with Inventor Name

Document Date: 7/14/09

Number of Pages: 1

Signer(s) Other Than Named Above: N/A

Capacity(ies) Claimed by Signer(s)

Signer's Name: AMOGH DHAMDHARE

☒ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: Self

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here



Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

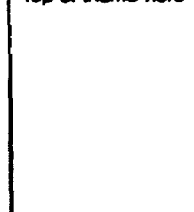
☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here



Name of Inventor: Nicholas Duffield

Signature of Inventor:

Nicholas Duffield

Date: 7/6/2009

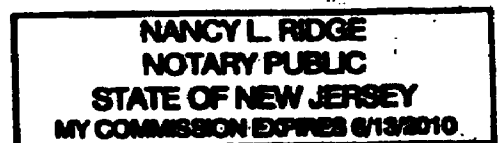
United States of America)

State of New Jersey)

County of Monmouth)

On this 6th day of July, 2009, before me personally came Nicholas Duffield to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

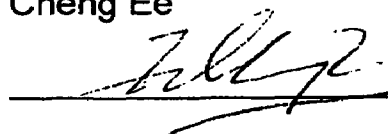
Nancy L. Ridge
Notary Public



Name of Inventor:

Cheng Ee

Signature of Inventor:



Date: 7/6/09

United States of America

)

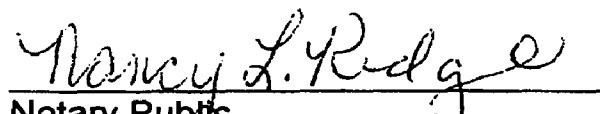
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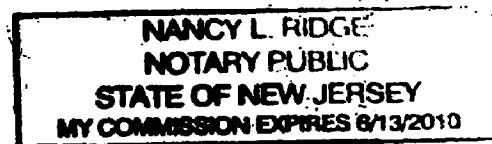
)

County of Morris

)

On this 6th day of July, 2009, before me personally came Cheng Ee to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

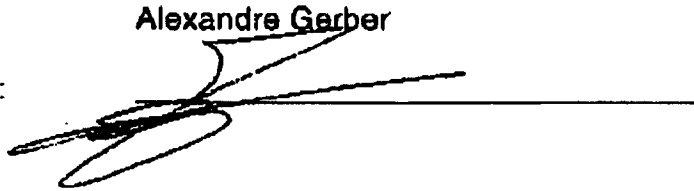

Notary Public



Attorney Docket Number: 2008-1296

Name of Inventor: Alexandre Gerber

Signature of Inventor:



Date: July 6, 2009

United States of America)

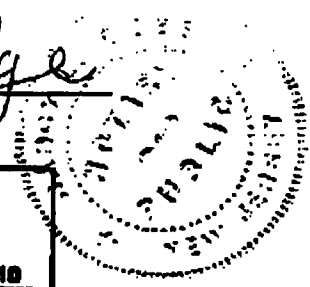
State of New Jersey)

County of Meris)

On this 6th day of July, 2009, before me personally came Alexandre Gerber to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Nancy L. Ridge
Notary Public

NANCY L. RIDGE
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/13/2010



Name of Inventor: Carsten Lund

Signature of Inventor:

Carsten Lund

Date: July 6, 2009

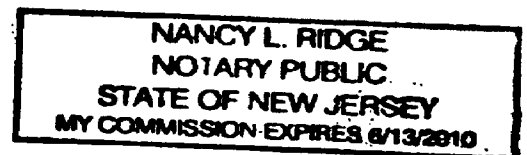
United States of America)

State of New Jersey)

County of Morris)

On this 6 day of July, 2009, before me personally came Carsten Lund to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Nancy L. Ridge
Notary Public



Name of Inventor: Subhabrata Sen

Signature of Inventor: Subhabrata Sen

Date: July 6, 2009

United States of America)

State of New Jersey)

County of morris)

On this 6 day of July, 2009, before me personally came Subhabrata Sen to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Nancy L. Ridge
Notary Public

