

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2590309

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>NIKOLAOS KOUDAS</td> <td>05/07/2004</td> </tr> <tr> <td>IOANNIS KOTIDIS</td> <td>04/22/2004</td> </tr> <tr> <td>DIVESH SRIVASTAVA</td> <td>04/22/2004</td> </tr> <tr> <td>THEMISTOKLIS PALPANAS</td> <td>04/26/2004</td> </tr> <tr> <td>PANAYIOTIS TSAPARAS</td> <td>04/29/2004</td> </tr> </tbody> </table>		Name	Execution Date	NIKOLAOS KOUDAS	05/07/2004	IOANNIS KOTIDIS	04/22/2004	DIVESH SRIVASTAVA	04/22/2004	THEMISTOKLIS PALPANAS	04/26/2004	PANAYIOTIS TSAPARAS	04/29/2004
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DIVESH SRIVASTAVA	04/22/2004												
THEMISTOKLIS PALPANAS	04/26/2004												
PANAYIOTIS TSAPARAS	04/29/2004												
RECEIVING PARTY DATA													
Name:	AT&T CORP.												
Street Address:	32 AVENUE OF THE AMERICAS												
City:	NEW YORK												
State/Country:	NEW YORK												
Postal Code:	10013-2412												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11676470</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11676470								
Property Type	Number												
Application Number:	11676470												
CORRESPONDENCE DATA													
Fax Number:	(732)542-2283												
Phone:	7325422280												
Email:	lcrater@walltong.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	JOHN SHERMAN												
Address Line 1:	ONE AT&T WAY												
Address Line 2:	ROOM 2A-207												
Address Line 4:	BEDMINSTER, NEW JERSEY 07921												
ATTORNEY DOCKET NUMBER:	ATT/2002-0390CON_INVENTOR												
NAME OF SUBMITTER:	KIN-WAH TONG												

OP \$40.00 11676470

Signature:	/Kin-Wah Tong/
Date:	10/24/2013
Total Attachments: 7 source=ATT_2002-0390CONEAssign#page1.tif source=ATT_2002-0390CONEAssign#page2.tif source=ATT_2002-0390CONEAssign#page3.tif source=ATT_2002-0390CONEAssign#page4.tif source=ATT_2002-0390CONEAssign#page5.tif source=ATT_2002-0390CONEAssign#page6.tif source=ATT_2002-0390CONEAssign#page7.tif	

## ASSIGNMENT AND AGREEMENT

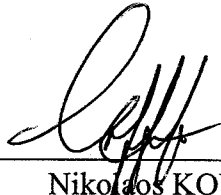
For value received, we, Nikolaos Koudas, of Summit in the County of Union and State of New Jersey, Ioannis Kotidis, of Lake Hiawatha in the County of Morris and State of New Jersey, Divesh Srivastava, of Summit in the County of Union and State of New Jersey, Themistoklis Palpanas, of Riverside in the County of Riverside and State of California, and Panayiotis Tsaparas, of Toronto-Ontario, Canada, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, 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 RANKED JOIN INDICES** described in an application for Letters Patent of the United States, **filed on February 9, 2004** as application **Serial No. 10/775,056**, 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 Corp. 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 Corp. 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 us, 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 Corp. 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 Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. 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.

  
\_\_\_\_\_  
Nikolaos KOUDAS

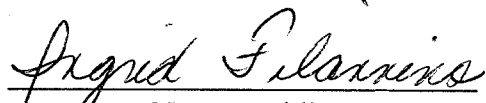
Date: 5/7/04

United States of America )

State of NJ )

County of Union )

On this 7<sup>th</sup> day of May, 2004, before me personally came Nikolaos KOUDAS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**INGRID FILANNINO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 6/15/2009**

*I. Kotidis*

Ioannis KOTIDIS

Date: 4/22/2004

United States of America )

State of NJ )

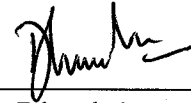
County of Monroe )

On this 22nd day of April, 2004, before me personally came Ioannis KOTIDIS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Ingrid Filannino*

Notary Public

**INGRID FILANNINO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 6/15/2004**



\_\_\_\_\_  
Divesh SRIVASTAVA

Date: 4/22/04

United States of America )

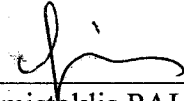
State of NJ )

County of Monroe )

On this 22<sup>nd</sup> day of April, 2004, before me personally came Divesh SRIVASTAVA, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**INGRID FILANNINO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 6/15/2004**



Themistoklis PALPANAS

Date: 26 Apr 04

United States of America )

State of )

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came Themistoklis PALPANAS, 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 ACKNOWLEDGMENT**

State of California

County of Riverside

On April 26, 2004 before me, Catherine S. Bruington, Notary Public

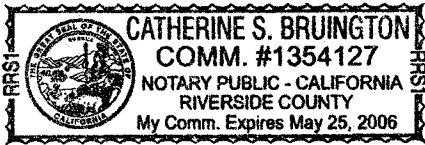
Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Themistoklis PALPANAS

Name(s) of Signer(s)

personally known to me – OR –  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.



WITNESS my hand and official seal.

*Catherine S. Bruington*  
Signature of Notary Public

**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: Assignment and Agreement (Docket No. ATT 2002-0390)  
regarding inventions related to "Method and Apparatus for Ranked Join Indices"

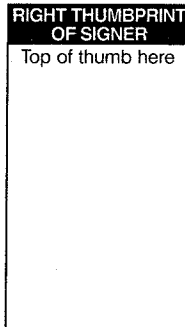
Document Date: n/a Number of Pages: ~~XXX~~ 6

Signer(s) Other Than Named Above: Nikolaos KOUDAS, Ioannis KOTIDIS, Divesh SRIVASTAVA

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Themistoklis PALPANAS

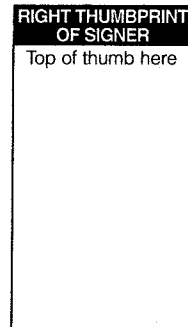
- Individual
- Corporate Officer
- Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing:  
\_\_\_\_\_  
\_\_\_\_\_

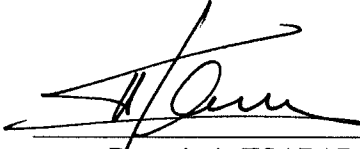
Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer
- Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing:  
\_\_\_\_\_  
\_\_\_\_\_



  
\_\_\_\_\_  
Panayiotis TSAPARAS

Date: 29/04/2004

United States of America )

State of )

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came Panayiotis TSAPARAS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

AT&T Corp.  
P.O. Box 4110  
Middletown, New Jersey 07748-4110