3/28/08

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	2009	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
	-2008	ET]		
To the Director of the U.S. Patent a 10349	93182	socuments or the new address(es) below.		
1. Name of conveying party(ies)		ddress of receiving party(ies)		
1) Marios Hadjieleftheriou 2) Amit Chandel	Name: AT&T La	Name: AT&T Labs, Inc.		
3) Nick Koudas 4) Divesh Srivastava	Internal Addres	ss:		
Additional name(s) of conveying party(ies) attached? Yes . 3. Nature of conveyance/Execution Date(s):		S: _9505 Arboretum Blvd.		
Execution Date(s) 1)2/25/08;2)2/22/08;3)3/24/08;4)2/25/08				
✓ Assignment Merger				
Security Agreement Change of Name	City: Austin			
Joint Research Agreement	State: Texas			
Government Interest Assignment	Country: United	Country: United States Zip: 78759		
Executive Order 9424, Confirmatory License	Country, onited	Zip. 10109		
Other	Additional name((s) & address(es) attached? ☐ Yes 🗹 No		
4. Application or patent number(s):	s document is bei	ng filed together with a new application.		
A. Patent Application No.(s)	B. Patent N	o.(s)		
12/006,332		**. ?		
		ည္ ႏွ		
Additional numbers	attached? Yes			
5. Name and address to whom correspondence concerning document should be mailed:		er of applications and patents		
Name: AT&T Corp.		7.050.4.04(1).0.044(1).0.045(1)		
	l — `	7 CFR 1.21(h) & 3.41) \$ 40.00 5		
Internal Address: Room 2A-207		d to be charged by credit card		
		d to be charged to deposit account		
Street Address: One AT&T Way	Enclosed	uired (government interest not affecting title)		
	-			
City: Bedminster	8. Payment In			
State: New Jersey Zip: 07921	a. Credit Ca	erd Last 4 Numbers Expiration Date		
Phone Number: (908) 532-1281	b. Deposit	Account Number 50-3126		
Fax Number: (908) 532-1281	_ Authoriz	Authorized User Name Jeffrey M. Weinick		
Email Address: jetchells@att.com	- \	2000		
9. Signature: When M. Wein		March 25, 2008		
Signature		Date		
Jeffrey M. Weinick		TECHTAMACHE OFFICE SINGUES INCOMENS 26 6 120 63		

Name of Person Signing

Sheet attachments, and documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 020746 FRAME: 0471

ASSIGNMENT AND AGREEMENT

For value received, we, Marios Hadjieleftheriou, of Madison, in the County of Morris, and State of New Jersey, Amit Chandel, of Noida, India, Nick Koudas, of Toronto, Canada and Divesh Srivastava, of Summit, in the County of Union, and State of New Jersey hereby sell, assign and transfer to AT&T Labs, Inc., a corporation of the State of Delaware, having an office at 9505 Arboretum Blvd., Austin, Texas 78759, 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 Set Similarity Selection Queries at Interactive Speeds described in an application for Letters Patent of the United States, Serial No.12/006,332 filed January 2, 2008, 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 Labs, Inc. 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 Labs, Inc. 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 Labs, Inc. 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 Labs, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Labs, Inc. may designate.

PATENT REEL: 020746 FRAME: 0472 We agree that, when requested, we shall, without charge to AT&T Labs, Inc. 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.

Marios Hadjieleftheriou

Moumoschopen.

Date: 2/25/08

United States of America

State of NJ

County of Union

On this 25th day of February, 2008, before me personally came Marios Hadjieleftheriou, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

INGRID FILANNINO
MOTARY PUBLIC OF NEW JERSEY
Commission Explans 4/15/2009

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Amit Chandel	Date			

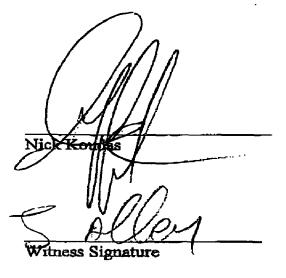
Witness Signature

Fcb 2.2, 2008

Date

Ritesh Kumar Sinha.
Print name of witness

-3-



94/3/08 Date

24/3/08

Print name of witness

PATENT

REEL: 020746 FRAME: 0475

	Thrul
Date: <u>~ /25/08</u>	Divesh Srivastava
United States of America)
State of NJ)
State of NT County of UNOX)
On this <u>354</u> day of Divesh Srivastava, to me known to foregoing instrument, and acknowless.	February, 2008, before me personally came to be the individual described in and who executed the ledged execution of the same. Angua Flammerica Notary Public
AT&T Corp. Room 2A-207 One AT&T Way Bedminster, New Jersey 07921	INGRID FILANNINO NOTARY PUBLIC OF NEW JERSEY Commission Explies 6/16/2009

RECORDED: 03/28/2008