FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

04-14-2005

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



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Name (line 1) Alin Dobra	12/22/2004
Name (line 2) Second Party Name (line 1) Johannes Gehrke	Execution Date  Month Day Year  04/06/200!5
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Receiving Party  Name (line 1) Lucent Technologies, Inc.	Mark if additional names of receiving parties attached  If document to be recorded is an assignment and the
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<b>FORM</b>	PTO-1619B			
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Correspondent Name and Address	Area Code and Telephone N	umber 609 924-3773			
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Address (line 4) Princeton, NJ 08542-0592					
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Statement and Signature					
To the best of my knowledge and beli	of the foregoing information	is true and correct and any			
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. Charges to deposit account are authorized, as					
indicated herein.	$\wedge$	·			
Roy Rosser	Kon Kur	April 6, 2005			
Name of Person Signing	Signature	Date			

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Conveying I	Party(ies) Conveying Parties	Mark if additional names of conveying	
	Rajeev Rastogi		Execution Date Month Day Year
	Najeev Nasiogi		12/24/2004
Name (line 2)	·		Execution Date  Month Day Year
Name (line 1)	Minos Garofalakis		12/27/2004
Name (line 2)			Execution Date  Month Day Year
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**PATENT** 

**EEEL: 016448 FRAME: 0892** 

ALIN DOBRA

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Lucent Case Name: Dobra 1-20-1-62 Our Client No. P27,483-USA 5005-111US

## ASSIGNMENT AND AGREEMENT

For value received, we, Alin Dobra of Gainesville in the County of Aladrua and the State of Florida; Johannes Gehrke of Ithaca in the County of Tompkins and the State of New York, Rajeev Rastogi of New Providence in the County of Union and the State of New Jersey, and Minos Garofalakis of Morristown in the County of Morris and the State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, 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 SKETCH-BASED MULTI-QUERY PROCESSING OVER DATA STREAMS 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 maybe granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies 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 aforesald, 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 Lucent Technologies 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 Lucent Technologies 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 Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. maydesignate.

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PATENT

ALIN DOBRA

PAGE 02

Lucent Case Name: Dobra 1-20-1-62 Our Client No. P27,483-USA 6005-111US

We agree that when requested, we shall, without charge to Lucent Technologies 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.

Alin Dobra

Date: 12/22/2004

United States of Amereica )

State of )ss.:

Cityof )

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 19\_\_\_\_, before me personally came Alin Dobra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

24-DEC-2004 16:11 FROM LUCENT TECHNOLOGIES IPRO

TO 0016099241811

P.22

Lucent Case Name: Dobra 1:20-1:62 Our Client No. P27:483-USA 6005-111US

Johannes Schrike

Date: 4/6/2005

United States of Arrevica

State of

) \$8.:

)

County of

On this \_\_\_\_\_\_day of \_\_\_\_\_\_, 19 \_\_\_\_\_, before me personally came Jo rannes Gehrke, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

0016099241811

Lucent Case Name: Dobra 1-20-1 Our Client No. P27,485 USA 6005-11119

United States of Arrerica

State of

) ss.:

)

County of

\_day .of\_ personally came Rajeev Rastegi, to me known to be the individual described in and who executed he foregoing instrument, and acknowledged execution of the same.

Notary Public

PATENT REEL: 016448 FRAME: 0896

DEC. 27. 2004 7:09PM

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Lucent Case Name: Dobra 1-20-1-62 Our Client No. P27,483-USA

6005-111US

Date: 12/27/04

United States of America

County of

day of personally came Minos Garofalakis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

> SUSAN A. SCHUCHARD NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES JUNE 5. 2008

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P. O. Box 636 Murray Hill, New Jersey 07974-0636

**RECORDED: 04/12/2005**