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SHEET

U.S. Department of Commerce  
Patent and Trademark Office

09/082057

To the Honorable Commissioner (

d the attached original documents or copy thereof

100730289

## 1. Name of conveying party(ies):

Viswanath Poosala  
Ganti Venkatesh

## Name and address of receiving party(ies):

Name: Lucent Technologies, Inc.

Internal Address:

Street Address: 600 Mountain Avenue  
Murray Hill, New Jersey 07974-636City: Murray HillCountry: United States of America Zip Code: 07974-636Additional name(s) & address(es) attached? ☐ Yes  
☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes  
☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: May 18, 1998

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is (are): May 21, 1998A. Patent Application No.(s):  
Not Yet Assigned

B. Patent No.(s):

jc551 U.S. PTO  
09/082057

05/21/98

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: DICKSTEIN SHAPIRO MORIN & OSHINSKY LLPInternal Address: Attn: Dkt.: L7480.006/P006Attn: Thomas J. D'AmicoStreet Address: 2101 L Street N.W.City: Washington State: D C Zip: 200376. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 12-2325

05/05/1998 DMSUYEN 00000069 122325 09082057

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## 9. Statement and signature.

*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.*Thomas J. D'Amico

Name of Person Signing

Signature

May 21, 1998

Date

Reg. No. 28,371Total number of pages including cover sheet, attachments, and document: 4

## ASSIGNMENT AND AGREEMENT

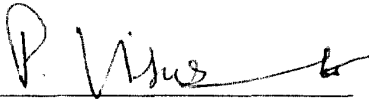
For value received, we, Viswanath Poosala, of Middlesex County, City of Highland Park and State of New Jersey; and Venkatesh Ganti, of Dane County, City of Madison and State of Wisconsin, hereby sell, assign and transfer to Lucent Technologies, Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 METHOD, APPARATUS AND PROGRAMMED MEDIUM FOR APPROXIMATING THE DATA CUBE AND OBTAINING APPROXIMATE ANSWERS TO QUERIES IN RELATIONAL DATABASES described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United State 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 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 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. may designate.

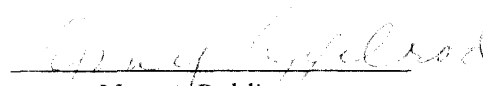
We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

  
 Viswanath Poosala

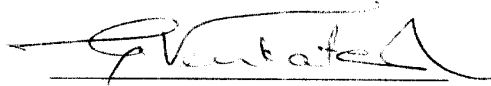
Date: 5/18/98

United States of America    )  
 State of New Jersey        )ss.  
 County of Middlesex        )

On this 18<sup>th</sup> day of May, 1998, before me personally came Viswanath Poosala, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
 Notary Public

**AMY AXELROD**  
 NOTARY PUBLIC OF NEW JERSEY  
 My Commission Exp. Feb. 14, 2002



Venkatesh Ganti

Date: 5/19/98

United States of America    )  
 State of Wisconsin        )ss.:  
 County of Dane            )

On this 19 day of May, 1998, before me personally came Venkatesh Ganti, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public