



To the Honorable Commission

102128506

Original documents or copy thereof.

1. Name of conveying party(ies):
 Lisa Karen Fleischer, Iraj Saniee, **6-13-02**
 Frederick Bruce Shepherd, and
 Aravind Srinivasan
 Additional name(s) of conveying party(ies)
 attached?
 Yes No

2. Name and address of receiving party(ies)
 Name: **Lucent Technologies Inc.**
 Internal Address:
 Street Address: **600 Mountain Avenue**
P.O. Box 636
 City: **Murray Hill** State: **NJ** ZIP: **07974-0636**
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
 Execution Date: **May 13, 2002, June 3, 2002,**
June 3, 2002 and May 21, 2002, respectively

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:
 A. Patent Application No.(s) B. Patent No.(s)
10/053,079 filed January 17, 2002
 Additional numbers attached? Yes No

5. Name and address of party to whom
 correspondence concerning document should be
 mailed:
 Name: **Robert J. Mauri**
 Internal Address: **Ryan, Mason & Lewis, LLP**
 Street Address: **1300 Post Road, Suite 205**
 City: **Fairfield** State: **CT** ZIP: **06430**

6. Total number of applications and patents
 involved: 1
 7. Total Fee (37 CFR 3.41)..... \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit account number **50-0762**

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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.

Robert J. Mauri  June 5, 2002
 Reg. No. 41,180 Signature Date

06/20/2002 GTON11 00000044 500762 10053079 Total number of pages including cover sheet, attachments, and document: 5

01 FE:581 40.00 CH

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Mail documents to be recorded with required cover sheet information to:

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 Washington, DC 20231

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ASSIGNMENT AND AGREEMENT

For value received, we, Lisa Karen Fleischer, of Pittsburgh in the County of Allegheny and State of Pennsylvania, and Iraj Saniee, of New Providence in the County of Union and State of New Jersey, and Frederick Bruce Shepherd, of Summit in the County of Union and State of New Jersey, and Aravind Srinivasan, of Ellicott City in the county of Howard and State of Maryland, 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 a **FAST AND SCALABLE APPROXIMATION METHODS FOR FINDING MINIMUM COST FLOWS WITH SHARED RECOVERY STRATEGIES, AND SYSTEM USING SAME**, described in an application for Letters Patent of the United States, executed by us on 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 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 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. they 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.



Lisa Karen Fleischer

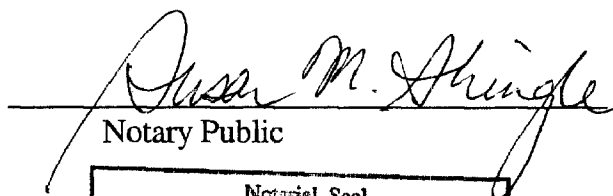
Date: May 13, 2002

United States of America)

~~Commonwealth~~ State of Pennsylvania) ss.:

County of Allegheny)

On this 13th day of May, 2002, before me personally came Lisa Karen Fleischer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Notarial Seal
Susan M. Shingle, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires July 2, 2005

Member, Pennsylvania Association of Notaries

Iraj Saniee
Iraj Saniee

Date: June 3, 2002

United States of America)

State of New Jersey) ss.:

County of Union)

On this 3rd day of June, 2002, before me personally came Iraj Saniee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Frances J. Levine
Notary Public

FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

Frederick Bruce Shepherd
Frederick Bruce Shepherd

Date: June 3, 2002

United States of America)

State of New Jersey) ss.:

County of Union)

On this 3rd day of June, 2002, before me personally came Frederick Bruce Shepherd, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Frances J. Levine
Notary Public

FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

P. Aravind
Aravind Srinivasan

Date: 5/21/2002

United States of America)

State of Maryland) ss.:

County of Baltimore)

On this 21st day of May, 2002, before me personally came Aravind Srinivasan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Pamela Marshall Bruce
Notary Public

Comm exp Jan 7, 2003

Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06430