FORM PTO-1595 Rev.6-93	12-19-200		U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB-065 v 0011		VER SHEET	
To the Honorable Commis 1. Name of conveying party(ies): 1. P. K. Chidambaran 2. Thomas A. Hoch 3. John Patrick Jones 4. Andrew A. Long 5. Prasasth A. Palnati 6. Ronald M. Parker 7. Raymond J. Schmidt Additional name(s) of conveying party(ies) attact 3. Nature of conveyance: Assignment Security Agreement Other Execution Date: 1. November 9, 2. November 13 3. November 1, 5. November 1, 6. November 8, 7. November 13	ned? ☐ Yes ⊠No Merger Change of Name 2000 2000 2000 2000 2000 2000 2000	2. Name and address of re Name: Lucent Technolog Internal Address:	ceiving party(ies): ies Inc.
If this document is being filed togethe	er with a new application, the exe Additional numbers attact	B. Patent No. (s)	<u>November 14, 2000</u>
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: <u>1</u>	
Name: Docket Admin Internal Address: Room 3C-512 Street Address: 600 Mountain A P. O. Box 636 City: Murray Hill, State: New Ja	Avenue	 7. Total fee (37 CFR 3.41) Enclosed Authorized to be char 8. Deposit account number: (Attach duplicate copy of this page 	ged to deposit account
 72000 NTHAI1 00000314 122325 097 551 40.00 CH 9. Statement and signature. To the best of my knowledge copy of the original document. Matthew J. Hodulik, - Reg. No. Name of Person Signing 	and belief, the foregoing information 36164	mation is true and correct and	any attached copy is a true Movember 14, 2000 Date
Mail docu			······

P. K. Chidambaran 1-1-1-1-1-1

ASSIGNMENT AND AGREEMENT

For value received, we, P K Chidambaran, of Santa Clara in the County of Santa Clara and the State of California, and Thomas A Hoch, of Boxborough in the County of Middlesex and the State of Massachusetts, and John Patrick Jones, of Westford in the County of Middlesex and the State of Massachusetts. and Andrew A Long, of Northborough in the County of Worcester and the State of Massachusetts, and Prasasth R Palnati, of Westford in the County of Middlesex and the State of Massachusetts, and Ronald M Parker of Boxboro in the County of Middlesex and the State of Massachusetts, and Raymond J Schmidt, of Stoughton in the County of Norfork and the State of Massachusetts, 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 APPARATUS AND METHOD FOR REDUNDANCY OF PROCESSING MODULES INTERFACED TO A SWITCHING CORE 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 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. 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.

Date: 11/09/2000

United States of America) State of Cali Fornia)ss.: County of Santa Clara)



On this <u>9</u> day of <u>November</u>, 20<u>00</u>, before me personally came, P K Chidambaran to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Pub

Thomas A Hoch

Date: Nov. 13 + 2000

United States of America)

State of Massachuse HS) ss .:

County of Aliddlesex)

On this 13^{tL} day of <u>November</u>, 20<u>00</u>, before me personally came, Thomas A Hoch to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jonath Brond

JONATHAN BRONSDON Notary Public, Massachusetts My Commission Expires December 16, 2005

P.K. Chidambaran 1-1-1-1-1-1-1

John

Date: ///4/00

United States of America)

State of Massachusetts) ss .: County of Middlesex)

On this 4 day of N_{Nember} , 20 00, before me personally came, John Patrick Jones to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

<u>Altra Machlarald</u> Notary Public My Commission Expires ; 12/24/04

Andrew A Long

Date: 11-1-2000

United States of America)

State of Alassachusetrs) ss .:

County of Middleser)

On this 157 day of <u>November</u>, 2000, before me personally came, Andrew A Long to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

neite Brough Notary

JONATHAN BRONSDON Notary Public, Massachusetts My Commission Expires December 16, 2005

P.K. Chidambaran 1-1-1-1-1-1-1

1. 1rasarth leddy

Prasasth R Palnati

Date: NOVEMBER 13, 2000

United States of America)

State of Massachuse ++ <) ss .:

County of Middlesex)

On this <u>13 th</u> day of <u>*November*</u>,20<u>0</u>, before me personally came, Prasasth R Palnati to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

mach Kircust,

Notaty Public

JONATHAN BRONSDON Notary Public, Massachusetts My Commission Expires December 16, 2005

P.K. Chidambaran 1-1-1-1-1-1-1-1

Ronald M. Parker

Date: 100 8. 2000

United States of America)

State of Manachusetts) ss .: County of heddleser)

On this 3^{th} day of <u>Movember</u>, 20<u>00</u>, before me personally came, Ronald M Parker to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Arenda Geonog Notary Public My communical exprise May 15, 2003

13/00 Date:

United States of America)

State of Massachusetts) ss .:

County of M: Dalesex)

On this <u>1377</u> day of <u>November</u>, 20<u>0</u>, before me personally came, Raymond J Schmidt to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

JONATHAN BRONSDON Notary Public, Massachusetts My Commission Expires December 16, 2005

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

RECORDED: 11/14/2000