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John Philip Franey Keith V. Guinn Louis Thomas Manzione Ming-Ju Tsai Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	Name: Lucent Technologies Inc. reet Address: 600 Mountain Avenue P. O. Box 636 Murray Hill, NJ 07974-0636 Iditional name(s) & address(es) attached? Yes No Indate of the application is: Int No. (s)
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Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date: 11/23/99, 11/22/99, 11/22/99 & 11/22/99 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution A. Patent Application No.(s) B. Pate 09/425373 Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Docket Administrator Internal Address: Room 3C-512 Street Address: 600 Mountain Avenue P. O. Box 636 Murray Hill, New Jersey 07974-0636 8. D	☐ Yes ☑ No n date of the application is:
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	tach duplicate copy of this page if paying by deposit account)
9. Statement and signature:	
To the best of my knowledge and belief, the foregoing information	
copy of the original document.	is true and correct and any attached copy is a true
Christopher Malvone	is true and correct and any attached copy is a true
Name of Person Signing Signature	is true and correct and any attached copy is a true November 30, 1999
10/1999 DNGUYEN 00000027 122325 09425373 Total number of pages includin	1 //

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box: Assignments, Washington, D. C. 20231

REEL: 010421 FRAME: 0505

ASSIGNMENT AND AGREEMENT

For value received, we, John Philip Francy, of Bridgewater in the County of Somerset and the State of New Jersey, and Keith V. Guinn, of Basking Ridge in the County of Somerset and the State of New Jersey, and Louis Thomas Manzione, of Summit in the County of Union and the State of New Jersey, and Ming-Ju Tsai, of Livingston in the County of Essex 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 Patch Antenna Using Non-Conductive Thermo Form Frame described in an application for Letters Patent of the United States, Serial No. 09/425373, filed October 22, 1999, 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 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.

John Philip Franey

Date: 11-23-1899

United States of America)

State of New Year) ss

County of

L'Alle

ANNABELLE L. SHORT
NOTARY PUBLIC OF NEW JERSEY USA
My Commission Expires Jen. 20, 2000

Keith V. L.

Date: 11/22/99

United States of America)

State of him flere

(Yaran

Notary Public

AMMAGELLE L. SHORT MOTARY PUBLIC OF NEW JERSEY USA My Commission Expires Jan. 20, 2000

United States of America)

County of

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

ANNABELLE L. SHORT NOTARY PUBLIC OF NEW JERSEY USA My Commission Expires Jan. 20, 2000

TANKE THE TANK

PATENT

REEL: 010421 FRAME: 0509

Ming-Ju Tsai

Date: 11/32/1991

United States of America)

State of New Yerry) ss.:

County of $\ensuremath{\checkmark}$

Notary Public

ANNABELLE L. SHORT
NOTARY PUBLIC OF NEW JERSEY USA
My Consultation Evaluate Jan. 20, 2000

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

RECORDED: 12/06/1999