To the Honorable Commissic	1445543	the attached original documents or copy dress of receiving party(ies) t Technologies Inc.
		r Technologies Inc.
Additional name(s) of conveying party(ies) attached? No	Yes Internal Addre	ess: s: 600 Mountain Avenue, P.O. Box 636
3. Nature of conveyance:	Street Address	s: 600 Mountain Avenue, P.O. Box 636
		ັ້
Security Agreement Ch	nge of Name City: Murray	Hill State: NJ ZIP: 07974-0636
Other		ne(s) & address(es) attached? Yes
Execution Date: July 31, 2000 and August 1, 200 respectively		
4. Application number(s) or patent number(s): New If this document is being filed together with a new a 2000 respectively	09459 oplication, the execution date of the	
A. Patent Application No(s).	В. І	Patent No.(s)
] No
5. Name and address of party to whom corresponds concerning document should be mailed:		of applications and patents involved:
Name: BIRCH, STEWART, KOLASCH & BIRCH	, LLP 7. Total fee (37 C	CFR 3.41): \$40.00 .
Internal Address: P.O. Box 747 Falls Church, Virginia 22040-074 Street Address: 8110 Gatehouse Road, Suite 500 Ea		o be charged to deposit account

City: Falls Church State: VA ZIP: 22042

08/25/2000 DNGUYEN 00000095 122325 09630459

% FC:581 40.00 DH

8. Deposit account number: 12-2325

(Attach triplicate copy of this page if paying by deposit account)

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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.

Gary D. Yacura Reg. # 35,416 Name of Person Signing Signature Signature

August 2, 2000

Total number of pages including cover sheet, attachments, and document

3

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

2925-0471P

Lucent Ref. No.: 121587/Chang 4-15 Attorney Docket No. 2925-0471P

ASSIGNMENT AND AGREEMENT

For value received, we, Li-Chung CHANG of Whippany in the County of Morris and State of New Jersey, and Norman Gerard ZIESSE of Chester in the County of Morns and 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 BROADBAND, LOW LOSS, MODULAR FEED FOR PHASED ARRAY ANTENNAS 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.

> PATENT REEL: 011017 FRAME: 0785

Lucent Ref. No.: 121587/Chang 4-15 Attorney Docket No. 2925-0471P

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.

Li-Chung CHANØ

Date: 7/3/ /2000

United States of America

State of New Jersey) ss.:

County of Morris)

On this 3/ day of July, 2000, before me personally came Li-Chung CHANG, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

MARILYN COX
NUTARY PUBLIC OF NEW JERSEY
My Commission Expires June 17, 2001

Lucent Ref. No.: 121587/Chang 4-15 Attorney Docket No. 2925-0471P

Norman Gerard Siesse

United States of America

) ss.:

, 2000, before me personally came Norman Gerard ZIESSE, to me known 6 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. 31, 2005

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

> **PATENT** REEL: 011017 FRAME: 0787

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies)		
CHANG, Li-Chung; ZIESSE, Norman Gerard	Name: Lucent Technologies Inc.		
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address: Street Address: 600 Mountain Avenue, P.O. Box 636		
3. Nature of conveyance:	City: Murray Hill State: NJ ZIP: 07974-0636 Additional name(s) & address(es) attached? Yes No		
Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 3.41): \$40.00		
Internal Address: P.O. Box 747 Falls Church, Virginia 22040-0747	☐ Enclosed ☐ Authorized to be charged to deposit account		
Street Address: 8110 Gatehouse Road, Suite 500 East City: Falls Church State: VA ZIP: 22042	8. Deposit account number: 12-2325 (Attach triplicate copy of this page if paying by deposit account)		
DO NOT US	SE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true a Gary D. Yacura Reg. # 35,416 Name of Person Signing Total number of pages including of	August 2, 2000 Date Over sheet, attachments, and document		

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

2925-0471P

RECORDED: 08/02/2000

PATENT REEL: 011017 FRAME: 0788