FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

09-29-1998



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Address (IIno 1) 600 Mountain Avenue	States, an appointment of a domestic representative is attached.		
Address (line 2) P.O. Box 636	(Designation must be a separate document from		
	Assignment.)		
Address (line 3) Murray Hill	New Jersey 07974		
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U.S. Department of Commerce

Patent and Trademark Office **PATENTO**

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<u>only</u>	r PCT application number <u>if</u> a U.S. Application Number not been assigned.	PCT PCT	PCT
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	Zucker (July July	Sept. 18, 1998
Name (of Person Signing	Signature	Date

REEL: 9473 FRAME: 0069

ASSIGNMENT AND AGREEMENT

For value received, we, Michael S. Rawles, of Acworth in the County of Cobb and State of Georgia, and Cuong Tran, of Howell in the County of Monmouth 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 LOOP ANTENNA CONFIGURATION FOR PRINTED WIRE BOARD APPLICATIONS 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. 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.

PATENT REEL: 9473 FRAME: 0070 MICHAEL S. RAWLES

Date: <i>Q- 17- 98</i>	
United States of America)	
State of Sulfar (Atlanta)	SS.:
City of Julia - atlanta)	
	of <u>Septanter</u> , 19 <u>98</u> , before me LES, to the known to be the individual described instrument, and acknowledged execution of the

Notary Public

Notary Fublic, Fulton County, Georgia My Commission Expires June 7, 2002

> PATENT REEL: 9473 FRAME: 0071

Cuy homo

Date: September 17, 1998		
United States of America)	
State of N 5) ss.:	
County of MONMOUTH)	
On this 17 day of September, 1958, before me personally came CUONG TRAN, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.		

FRANCINE RENEE LAFAVOR
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES OCTOBER 24, 2000

Notary Public /

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

RECORDED: 09/18/1998

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