

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 11/162830															
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>XIANG LIU</td><td>2005-09-23</td></tr><tr><td>XING WEI</td><td>2005-09-22</td></tr></tbody></table>						Name	Execution Date	XIANG LIU	2005-09-23	XING WEI	2005-09-22						
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<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>LUCENT TECHNOLOGIES INC.</td><td>600 MOUNTAIN AVENUE</td><td></td><td>MURRAY HILL</td><td>NEW JERSEY</td><td>07974-0636</td></tr></tbody></table>						Name	Street Address	Internal Address	City	State/Country	Postal Code	LUCENT TECHNOLOGIES INC.	600 MOUNTAIN AVENUE		MURRAY HILL	NEW JERSEY	07974-0636
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LUCENT TECHNOLOGIES INC.	600 MOUNTAIN AVENUE		MURRAY HILL	NEW JERSEY	07974-0636												
CORRESPONDENCE DATA																	
FAX NUMBER: 7323355778 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 055169																	
NAME OF PERSON SIGNING:	JEFFERY J. BROSEMER																
DATE SIGNED:	2005-09-25																
Total Attachments: 3 source=ASSIGNSH1OF3.tif source=ASSIGNSH2OF3.tif source=ASSIGNSH3OF3.tif																	

OP \$40.00 11162830

ASSIGNMENT AND AGREEMENT

For value received, we, **Xiang LIU** of 6 Manor Drive, Marlboro in the County of Monmouth and State of New Jersey, USA; and **Xing WEI** of 86 Gales Drive, Apt. 4, New Providence in the County of Union and State of New Jersey, USA, 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 **MULTILEVEL AMPLITUDE AND PHASE ENCODED SIGNAL GENERATION** 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.

I/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.

I/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.

I/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.

I/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.

Xiang LIU

Date: 9/23/2005

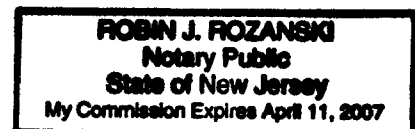
United States of America)

State of New Jersey) ss.:

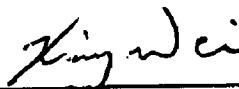
County of Monmouth)

On this 23 day of September, 2005, before me personally came **Xiang LIU**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Rozanski
Notary Public



LIU-43-1-21

Xing WEIDate: 9/22/05

United States of America)

State of New Jersey) ss.:

County of Union)

On this 22nd day of September, 2005, before me personally came **Xing WEI**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

JANICE M. MITCHELL
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 9/2/2008

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
101 Crawfords Corner Road
P. O. Box 3030
Holmdel, New Jersey 07733-3030

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