

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Andrew ADAMIECKI</td><td>12/20/2006</td></tr><tr><td>Sethumadhavan CHANDRASEKHAR</td><td>03/14/2007</td></tr><tr><td>Christopher DOERR</td><td>12/22/2006</td></tr><tr><td>David NEILSON</td><td>12/20/2006</td></tr><tr><td>Peter WINZER</td><td>12/20/2006</td></tr></tbody></table>	Name	Execution Date	Andrew ADAMIECKI	12/20/2006	Sethumadhavan CHANDRASEKHAR	03/14/2007	Christopher DOERR	12/22/2006	David NEILSON	12/20/2006	Peter WINZER	12/20/2006	
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Christopher DOERR	12/22/2006												
David NEILSON	12/20/2006												
Peter WINZER	12/20/2006												
RECEIVING PARTY DATA													
Name:	LUCENT TECHNOLOGIES INC.												
Street Address:	600 MOUNTAIN AVENUE												
City:	MURRAY HILL												
State/Country:	NEW JERSEY												
Postal Code:	07974-0636												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11617350</td></tr></tbody></table>	Property Type	Number	Application Number:	11617350									
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CORRESPONDENCE DATA													
Fax Number:	(732)335-5778												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	732-335-5773												
Email:	jjb@35usclaw.com												
Correspondent Name:	BROSEMER, KOLEFAS & ASSOCIATES LLC												
Address Line 1:	ONE BETHANY ROAD												
Address Line 2:	BLDG.4 - #58												
Address Line 4:	HAZLET, NEW JERSEY 07730												
ATTORNEY DOCKET NUMBER:	ADAMIECKI-4-23-120-23-27												
NAME OF SUBMITTER:	JEFFERY J. BROSEMER												

OP \$40.00 11617350

500238981

PATENT
REEL: 019008 FRAME: 0910

Total Attachments: 6

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PATENT

REEL: 019008 FRAME: 0911

ASSIGNMENT AND AGREEMENT

For value received, we, **Andrew L. ADAMIECKI** of Morganville, County of Monmouth, State of New Jersey, USA; **Sethumadhavan CHANDRASEKHAR** of Matawan, County of Monmouth, State of New Jersey, USA; **Christopher DOERR** of Middletown, County of Monmouth, State of New Jersey, USA; **David NEILSON** of Old Bridge, County of Middlesex, State of New Jersey, USA; and **Peter WINZER** of Aberdeen, County of Monmouth, 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 **DUOBINARY MODULATION WITH A LUMPED-ELEMENT MACH-ZEHNDER DEVICE** 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.


Andrew ADAMIECKI

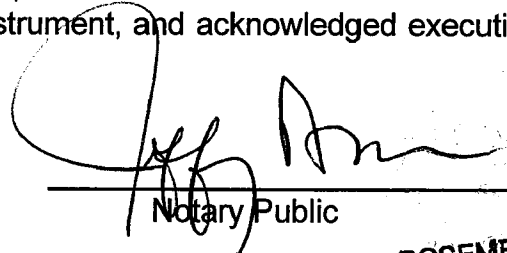
Date: 12/20/06

United States of America)

State of) ss.:

County of)

On this 20th day of December, 2006, before me personally came **Andrew ADAMIECKI**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public
JEFFERY J. BROSEMER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sep. 15, 2010

Lucent Technologies Inc.
Docket Administrator (Room 2F-190)
600-700 Mountain Avenue
P. O. Box 636
Murray Hill, New Jersey 07974-0636

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.

Chandrasekhar S.

Sethumadhavan CHANDRASEKHAR

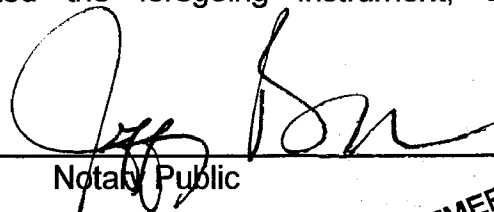
Date: March 14, 2007

United States of America)

State of) ss.:

County of)

On this 14th day of MARCH, 2007, before me personally came **Sethumadhavan CHANDRASEKHAR**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

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Christopher DOERR

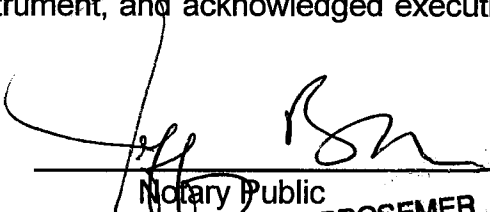
Date: 12/22/06

United States of America)

State of) ss.:

County of)

On this 22nd day of December, 2006, before me personally came **Christopher DOERR**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



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David NEILSON

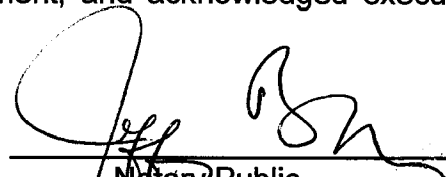
Date: 12/20/2006

United States of America)

State of) ss.:

County of)

On this 20th day of December, 2006, before me personally came **David NEILSON**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



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Peter WINZER

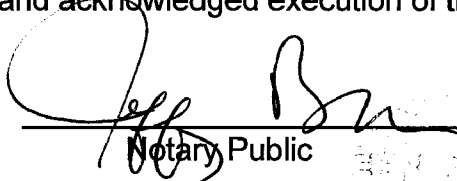
Date: 12/20/06

United States of America)

State of) ss.:

County of)

On this 20th day of December, 2006, before me personally came **Peter WINZER**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



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