

03-01-2004

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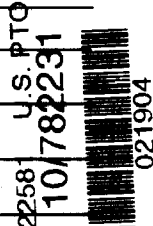
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To the Honorable Commissioner of Patent

102681151

Use attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p><b>Lothar Benedict Erhard Josef Moeller</b> <b>Chongjin Xie</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>02/18/2004, 02/19/2004</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Lucent Technologies Inc.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>600 Mountain Avenue</u> <u>P.O. Box 636</u></p> <p>City: <u>Murray Hill</u> State: <u>NJ</u> Zip: <u>07974-0636</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is **02/19/2004**.

<p>A. Patent Application No.(s)</p> <p><u>02/25/2004 HLE333 00000062 10782231</u></p> <p><u>03 FC:8021 40.00</u></p>	<p>B. Patent No. (s)</p> <p><u>10782231</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Steve Mendelsohn</u></p> <p>Internal Address: <u>Mendelsohn &amp; Associates, P.C.</u></p> <p>Street Address: <u>1515 Market Street</u> <u>Suite 715</u></p> <p>City: <u>Philadelphia</u> State: <u>PA</u> Zip: <u>19102</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account:</p> <p>8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p><u>Yuri Gruzdkov</u></p> <p>Name of Person Signing</p>	<p><u>[Signature]</u></p> <p>Signature</p>	<p><u>2/19/04</u></p> <p>Date</p>
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Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Director of the Patent and Trademark Office, Mail Stop Assignment Recordation Services  
P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: Moeller 19-8  
Our Ref.: 990.0519

Customer No.: 22186

Attorney Docket No.: Moeller 19-8

## ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

**Lothar Benedict Erhard Josef Moeller of Middletown** in the County of  
Monmouth and State of New Jersey,  
**Chongjin Xie of Marlboro** 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 **Method and Apparatus for Processing Optical Duobinary Signals** described in an application for Letters Patent of the United States, identified using the same Attorney Docket No., 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 I 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 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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 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 agree that, when requested, I 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.

Customer No.: 22186

2 Attorney Docket No.: Moeller 19-8


  
**Lothar Benedict Erhard Josef Moeller**

Date: 2/18/04  
 United States of America )

State of New Jersey )ss.:

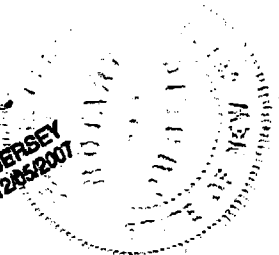
County of Monmouth )

On this 18<sup>th</sup> day of February 2004 before me personally came **Lothar Benedict Erhard Josef Moeller**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

SEAN B. DEBREE  
 NOTARY PUBLIC OF NEW JERSEY  
 MY COMMISSION EXPIRES 12/31/2007



*Chongjin Xie*

**Chongjin Xie**

Date: *02/19/2004*

United States of America )

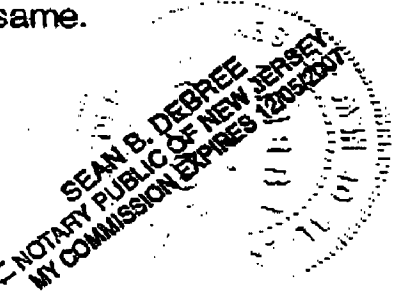
State of *New Jersey* )ss.:

County of *Monmouth* )

On this *19th* day of *February* *2004*, before me personally came **Chongjin Xie**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

*Sean B. DeBree*



Lucent Technologies Inc.  
600 Mountain Avenue (Room 30-512)  
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Murray Hill, New Jersey 07974-0636