

11-12-1999



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**RECORDATION FORM COVER SHEET
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

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Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year
10 27 1999

Name (line 1) Marco A. Davila, Jr.

Name (line 2)

Second Party

Execution Date
Month Day Year
10 27 1999

Name (line 1) Yimin Jiang

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Lucent Technologies, Inc.

Name (line 2) a Coporation of Delaware

Address (line 1) 600 Mountain Avenue

Address (line 2)

Address (line 3) Murray Hill New Jersey 07974-0636
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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PATENT
REEL: 010366 FRAME: 0284

Correspondent Name and Address

Area Code and Telephone Number (972) 480-8800

Name David H. Hitt

Address (line 1) Hitt Chwang & Gaines, P.C.

Address (line 2) 275 West Campbell Road, Suite 225

Address (line 3) Richardson, Texas 75080

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

7

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/397,991

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
10 27 1999

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 12-2325

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

David H. Hitt

10/28/99

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Rui Liu

Execution Date
Month Day Year
10 27 1999

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Name (line 1)

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Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT AND AGREEMENT

For value received, we, Marco A. Davila, Jr., of Mesquite, in the County of Dallas and State of Texas, and Yimin Jiang, of Plano, in the County of Collin and State of Texas, and Rui Liu, of Plano, in the County of Collin and State of Texas, 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 "**ASYMMETRICAL DC/DC CONVERTER HAVING IMPROVED OUTPUT CURRENT DOUBLER AND METHOD OF OPERATION THEREOF**" 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.

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.

Marco A. Davila, Jr.

Marco A. Davila, Jr.

Date: 10-27-99

United States of America)

State of Texas) ss.:

County of Dallas)

On this 27th day of October, 1999, before me personally came Marco A. Davila, Jr., to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret C. Walter

Notary Public

Yimin Jiang
Yimin Jiang

Date: 10-27-99


United States of America)

State of Texas) ss.:

County of Dallas)

On this 27 day of October, 1999, before me personally came Yimin Jiang, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret C. Welton
Notary Public



Rui Liu

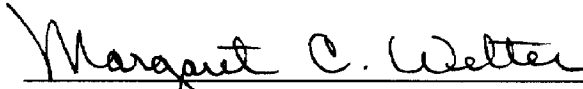
Date: 10/27/1999

United States of America)

State of Texas) ss.:

County of Dallas)

On this 27 day of October, 1999, before me personally came Rui Liu, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

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