0651-0011 (exp. 4/94)

100901822

To the Honorable Commissioner of Patents and Trademarks. Plea	se record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Rui Liu	Name: Lucent Technologies Inc.
Additional name(s) of conveying party(ies) attached?	Internal Address:
3. Nature of conveyance: MRD 11-10-9 € ✓ Assignment	Post Office Address: 600 Mountain Avenue P.O. Box 636 Murray Hill. New Jersey 07974-0636
☐ Security Agreement ☐ Change of Name ☐ Other	Additional name(s) & address(es) attached? Yes No
Execution Date: <u>November 3, 1998</u>	
4. Application number(s) or patent number(s):	
If this document is being filed with a new application. the	
A. Patent Application No.(s)	B. Patent No.(s)
09 189389 Additional numbers att	ached?
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Glenn W. Boisbrun Hitt Chwang & Gaines, P.C. Internal Address: 225 University Plaza 275 West Campbell Road Richardson, Texas 75080 Street Address: Same	7. Total fee (37 CFR 3.41)
	8. Deposit account number: 12-2325 Attach duplicate copy of this page if paying by deposit account.
1/17/1998 DNGUYEN 00000137 122325 09189389 DO NO	OT USE THIS SPACE
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing the of the original document.	mation) is true and correct and any attached copy is a true copy
Glenn W. Boisbrun, Reg. No. 39,615 Name of Person Signing Signatu	Tiple 48 Date
Total number of pages including cover sheet, attachments,	and document: <u>3</u>

PATENT REEL: 9579 FRAME: 0664 DOCKET NO. LIU 14 PATENT

ASSIGNMENT AND AGREEMENT

For value received, I, 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 "SWITCH DRIVE CONTROLLER, METHOD OF OPERATION THEREOF AND POWER CONVERTER EMPLOYING THE SAME" described in an application for Letters Patent of the United States, executed by me 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 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.

PATENT REEL: 9579 FRAME: 0665 Rui Liu

Date: 11/3/98

United States of America

State of Stepas) ss.:

County of Dallas

On this 3 day of Movember, 1998, 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.

VIRGINIA M. HICKS Notary Public, State of Texas

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

RECORDED: 11/10/1998

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PATENT REEL: 9579 FRAME: 0666