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. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying pa	arty(ies):	2. Name and address of receiving party(ies):
Glenn B. Alers		Name: Lucent Technologies In S. C.
Additional name(s) of conveyi NO 3. Nature of Conveyanc	ng party(ies) attached? YES	Name: Lucent Technologies Inc. Internal Address: Street Address: 600 Mountain Avenue P. O. Box 636 City: State: ZIP: Murray Hill, NI 07974-0689
Assignment Security Agree Other	☐ Merger	1131 State 211 : 114114 11111 113 07 27 1 0000
Execution Date:	12/2/99	Additional name(s) & address(es) attached? YES NO
4. Application number(s	s) or patent number(s):	
If this document is be	eing filed together with a new applic	eation, the execution date of the application is:
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5.Name and address of p concerning document	earty to whom correspondence should be mailed:	6. Total number of applications and patents involved: 1
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Internal Address:	<u>3C-512</u>	7. Total fee (37 CFR 3.41): \$\\\\40.00
Street Address: .	600 Mountain Avenue P. O. Box 636	Enclosed Authorized to be charged to deposit account
City: State: ZIP:	Murray Hill, NJ 07974-0636	8. Deposit account number: 12-2325 (Attach duplicate copy of this page if paying by deposit account.)
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9. Statement and signature To the best of my know of the original document. William S. France	vledge and belief, the foregoing info	ermation is true and correct and any attached copy is a true copy
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CASE: G. B. Alers 11	Total number of pages including co	over sheet, attachments, and document: 6
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REEL: 010448 FRAME: 0811

ASSIGNMENT AND AGREEMENT

For value received, I, Glenn B Alers, of Santa Cruz in the County of Santa Cruz and the State of California, 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 Damascene Capacitors For Integrated Circuits described in an application for Letters Patent of the United States, Serial No. 09/292422, filed April 15, 1999, 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 may designate.

PATENT REEL: 010448 FRAME: 0812 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.

Glenn B Alers

Date: 12/2/99

United States of America)

State of 71

) ss.:

County of Union

otary Public

JACQUELINE J. MOSKOWITZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 01/22/2003

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

RECORDED: 12/10/1999

PATENT REEL: 010448 FRAME: 0813