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100778584

Please record the attached

1. Name of conveying party(ies):  
Dima David Shulman

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: July 16, 1998

2. Name and address of receiving party(ies):  
Name: Lucent Technologies Inc.

Address: 600 Mountain Avenue  
P. C. Box 636 07974-  
City: Murray Hill State: NJ Zip: 0636

Additional name(s) & address(es) attached?  Yes  No

100778584  
09/119431  
07/20/98

4. Application number(s) or patent number(s): 09/119431

If this document is being filed together with a new application, the execution date of the application is July 16, 1998.

A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alex L. Yip  
Attorney at Law

Address: P.O. Box 670425  
City: Flushing State: NY Zip: 11367

6. Total number of applications and patents involved:

7. Total fee (37 CFR 2.41): \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 12-2325  
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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.

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01 40.00 Alex L. Yip \_\_\_\_\_ July 20, 1998  
Name of Person Signing Signature Date

PTO Reg. No. 34,759

Total number of pages including cover sheet, attachments, and document:

D. D. Shulman 6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9340 FRAME: 0022

ASSIGNMENT AND AGREEMENT

For value received, I, Dima David Shulman, of ~~2311 Willow~~ <sup>10 Willow</sup> Drive, ~~Camden~~ <sup>Camden</sup> 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, P.O. Box 636, 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 TECHNIQUE FOR DESIGNING A BIAS CIRCUIT FOR USE IN AN AMPLIFIER IN AN INTEGRATED CIRCUIT DEVICE 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.

Dima Shulman  
Dima David Shulman

Date: 7/16/98

United States of America )

State of ) ss.: California

County of San Diego )

On this 16 day of July, 1998, before me personally came Dima David Shulman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public

NO COMMISSION EXPRES  
8-10-98

RECORDED: 07/20/1998

PATENT  
REEL: 9340 FRAME: 0024