

12-20-2000

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101556552

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

1. Name of conveying party(ies): Baoli Wang
Additional name(s) of conveying party(ies) attached?
[] Yes [X] No

2. Name and Address of receiving party(ies)
Name: Lucent Technologies Inc.
Internal Address: _____
Street Address: 600 Mountain Avenue
P.O. Box 636
City: Murray Hill State: NJ ZIP: 07974-0636
Additional name(s) & address(es) attached?
[] Yes [X] No

3. Nature of conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____
Execution Date: November 30, 2000.

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: November 30, 2000.

A. Patent Application No.(s)

B. Patent No.(s)

09/729005 Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Steve Mendelsohn
Internal Address: Mendelsohn & Associates, P.C.
Street Address: 1515 Market Street
Suite 715
City: Philadelphia State: PA ZIP: 19102

6. Total number of applications and patents involved: [1]
7. Total Fee (37 CFR 3.41).... \$40.00
[] Enclosed
[X] 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.
Steve Mendelsohn Steve Mendelsohn 12/4/00
Name of Person Signing Signature Date

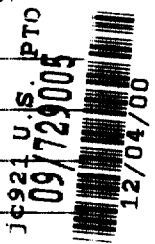
Total number of pages including cover sheet, attachments, and document: 3

Wang 1
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PATENT
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ASSIGNMENT AND AGREEMENT

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

Baoli Wang of **Old Bridge** in the County of Middlesex and State of New Jersey,

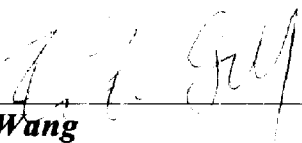
hereby sell, assign, and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns, and legal representatives, the entire right, title, and interest, for the United States of America, in and to certain inventions related to **Two-Step Algorithm For Training An Echo Cancellation Filter** 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.



Baoli Wang

Date: Nov 28 2000

United States of America)

State of New Jersey) ss.:

County of Essex)

On this 28 day of November, 2000, before me personally came **Baoli Wang**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 02, 2003

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