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10/480136

Patents and Trademarks: Please record the attached original documents or copy thereof.

102751928

1. Name of conveying party(ies):

1. David Garrett
2. Bing Xu

12 9-03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date(s): 1. 9/13/2002; 2. 9/18/2002

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: 07974-0636Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application number(s) or patent number(s):**

10480136

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

PCT/US02/24537

B. Patent No.(s)Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**Name: Docket AdministratorInternal Address: Room 3J-219Street Address: 101 Crawfords Corner RoadCity: Holmdel State: NJ ZIP: 07733-3030**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 3.41) \$40.00**☐ Enclosed☒ Authorized to be charged to deposit account**8. Deposit account number: 12-2325**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE**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.

Ozer M.N. Teitelbaum

Name of Person Signing

Signature

December 9, 2003

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Mail Stop **Assignment Recordation Services**
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Case Name/No.: Garrett 3-4

PATENT
REEL: 015352 FRAME: 0872

ASSIGNMENT AND AGREEMENT

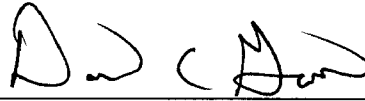
For value received, we, David Garrett, of Pyrmont, NSW, in the Country of Australia, and Bing Xu, of Gilbert in the County of Maricopa and the State of Arizona, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, 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 **Branch Metric Cache For Turbo Decoding** described in an application for Letters Patent of the United States, Serial No. PCT/US02/24537, filed August 2, 2002, 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.



David Garrett

Date: 13 Sept 2002

On this 13th day of September, 2002, before me personally came, David Garrett to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Witness

Bing Xu
Bing Xu

Date: 9/18/2002

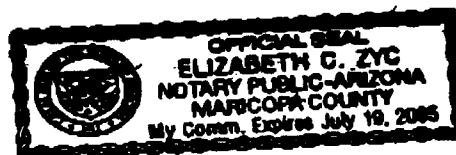
United States of America)

State of ARIZONA) ss.:

County of MARICOPA)

On this 18th day of September, 20 02, before me personally came, Bing Xu to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Elizabeth C. Zyc
Notary Public



Lucent Technologies Inc.
Docket Administrator (Room 3C-512)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030