

10-29-1999

To the Honorable Commissioner of Patents



of original documents or copy thereof.

1. Name of conveying party(ies):

101186538

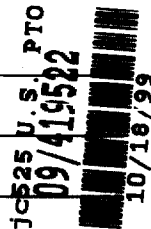
of receiving party(ies):

BAHRAM GHAFFARZADEH KERMANI

Name: Lucent Technologies Inc.

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

Internal Address:



3. Nature of conveyance:

- (x) Assignment () Merger
- () Security Agreement () Change of Name
- () Other _____

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: New Jersey ZIP: 07974-0636

Execution Date: October 14, 1999

Additional name(s) and address(es) attached? () Yes (x) No

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: October 14, 1999

A. Patent Application No.(s) To Be Assigned 09/419522 B. Patent No.(s)

Additional numbers attached: () Yes (x) No

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

Name: William H. Murray

Internal Address:

10/26/1999 JSNABAZZ 00000054 122325 09419522

01 FC:581 40.00 CH Street Address: Duane, Morris & Heckscher LLP

4200 One Liberty Place

City: Philadelphia State: PA ZIP: 19103-7396

6. Total number of applications and patents involved: (1) One

7. Total fee (37 CFR 3.41).....\$40.00

- () Enclosed
- (X) 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.

N. Stephan Kinsella Name of person signing

N. H. Kinsella Signature

October 18, 1999 Date

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

ASSIGNMENT AND AGREEMENT

For value received, I, Bahram Ghaffarzadeh Kermani of Whitehall in the County of Lehigh and State of Pennsylvania, 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 **PROGRAMMABLE PRIORITY ENCODER** 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. they 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.


BAHRAM GHAFFARZADEH KERMANI

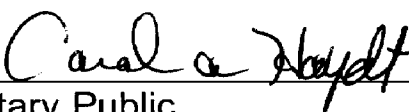
Date: 10/14/99

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 14 day of OCTOBER, 1999, before me personally came Bahram Ghaffarzadeh Kermani, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

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



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