PATENT RECORDATIO COVER SHEET



Attorney Docket No. V44.12-0138 101566291

11.99.00

| To the Commissioner for Patents: Please record the attached original document or copy thereof. | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--|
| 1. Name of conveying party(ies): (1) Elango Pakriswamy (2) Jong K. Kim (3) Michael P. Straub | 2. Name and address of receiving party(ies): Name: Lucent Technologies Inc. | |
| Additional name(s) of conveying party(ies) attached? [] Yes [X] No | Street Address: 600 Mountain Avenue | |
| 3. Nature of Conveyance: [] Assignment [] Merger [] Security Agreement [] Change of Name [X] Other Assignment and Agreement | City: Murray Hill, State: New Jersey ZIP 07974-0636 | |
| Execution Date: November 27, 2000 | Additional name(s) & address(es) attached? [] Yes [X] No | |
| 4A. Application No.(s) | 4B. Patent No.(s) | |
| If this document is being filed together with a new application, the execution date(s) of the application is: November 27, 2000 | Additional numbers attached? [] Yes [X] No | |
| Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: [1] | |
| Name: Alan M. Koenck Street Address: Kinney & Lange, P.A., 312 South Third Street City: Minneapolis State: MN ZIP 55415-1002 | 7. Total fee (37 C.F.R. 3.41):\$ 40.00 | |
| 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. Nov. 29, 2000 | | |
| Alan M. Koenck Date Total number of pages including cover sheet, attachments and document: [5] | | |

PATENT REEL: 011367 FRAME: 0787

U.S. Application No.:

Attorney Docket No.: V44.12-0138

ASSIGNMENT AND AGREEMENT

For value received, we, Elango Pakriswamy, of Longmont in the County of Boulder and State of Colorado, Jong K. Kim, of Longmont in the County of Boulder and State of Colorado and Michael P. Straub, of Longmont in the County of Boulder and State of Colorado 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 HIGH BANDWIDTH LOW NOISE CROSS-COUPLED AMPLIFIER described in an application for Letters Patent of the United States, executed by us 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 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.

PATENT REEL: 011367 FRAME: 0788

U.S. Application No.:

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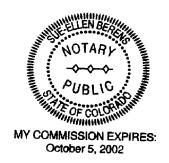
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We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Elango Pakriswamy

| Date: 11-27-60 | |
|--------------------------|--------|
| United States of America |) |
| State of Colorado |) ss.: |
| City of Longmont |) |

Notary Public



U.S. Application No.:

Attorney Docket No.: V44.12-0138

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Jong K. Kim

Date:_*// |27|2000*_

United States of America

State of Colorado

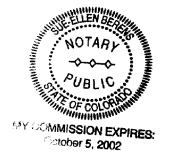
) ss.:

)

City of Longmont

)

Notary Public



U.S. Application No.:

Attorney Docket No.: V44.12-0138

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Michael Strauh

Date: ///27/2000

United States of America

State of Colorado

) ss.:

)

City of Longmont

On this _______day of ________, 200 _____, before me personally came Michael P. Straub, 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

RECORDED: 11/29/2000

PATENT REEL: 011367 FRAME: 0791