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FORM PTO-1595 REC	U.S. DEPARTMENT OF COMMERCE
MAN HAN DAM HAN	U.S. DEPARTMENT OF COMMERCE  Patent and Trademark Office
To the Honorable Commissioner of Patents an 101	798155 attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Chun-Sup Kim	NameLSI Logic Corporation
Ara Bicakci Cormac S. Conroy  ### 2.3 - 4.1	Internal Address
Sang-Soo Lee	
Additional name(s) of conveying parties attached? Yes X	7-23-01
3. Nature of conveyance:	The suit
X Assignment	Street Address1551 McCarthy Boulevard
☐ Security Agreement ☐ Change of Name	City Milpitas State CA Zip 95035
Other	Additional name(s) & address(es) attached?Yes _X _No
Execution Date July 11, 2001 & July 12, 2001	Additional name(s) & address(es) attached: res _xNo
A. Patent Application No. (s) 09/882,499 B. Patent No. (s)  Additional numbers attached? ☐ Yes X No	
	ttached? □ Yes X No
Additional numbers a  5. Name and address of party to whom correspondence	6. Total number of applications and patents involved
Additional numbers a  5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
Additional numbers a  5. Name and address of party to whom correspondence concerning document should be mailed:  NameMaria Kovacs, Patent Paralegal  Intellectual Property Law Department	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
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5. Name and address of party to whom correspondence concerning document should be mailed:  NameMaria Kovacs, Patent Paralegal  Intellectual Property Law Department  LSI Logic Corporation  Street Address1551 McCarthy Boulevard, MS D-106	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
5. Name and address of party to whom correspondence concerning document should be mailed:  NameMaria Kovacs, Patent ParalegalIntellectual Property Law Department  LSI Logic Corporation  Street Address1551 McCarthy Boulevard, MS D-106  CityMilpitas StateCA Zip95035	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41) \$40.00
5. Name and address of party to whom correspondence concerning document should be mailed:  Name Maria Kovacs, Patent Paralegal Intellectual Property Law Department LSI Logic Corporation  Street Address 1551 McCarthy Boulevard, MS D-106 City Milpitas State CA Zip 95035 CONDITIONAL CITY DO NOT US 1581 40.00 CH	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
5. Name and address of party to whom correspondence concerning document should be mailed:  NameMaria Kovacs, Patent Paralegal  Intellectual Property Law Department  LSI Logic Corporation  Street Address1551 McCarthy Boulevard, MS D-106  CityMilpitas StateCA Zip95035  72001 LNIFLED 00000114 122232	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)

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

Commissioner of Patents & Trademarks, Box Assignments, Washington, DC 20231

Docket No.: LSI-01-162 Patent

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Chun-Sup Kim, Ara Bicakci and Cormac S. Conroy and Sang-Soo Lee, do hereby sell, assign, and transfer to: LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1551 McCarthy Boulevard, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for United States Letters Patent,

- () which has been executed by the undersigned concurrently herewith,
- (X) which was filed on June 15, 2001, and assigned Serial No. 09/882,499

## and is entitled: Amplifier and Line Driver for Broadband Communications

and in and to said application and all divisional, continuing, substitute, renewal reissue, and all other applications for Letters Patent which have been or shall be filed in the United Sates and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United Sates and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the

Inventor Signature

Thursday

Thursday

Inventor Signature

Thursday

Witness Signature

Witness Printed Name

Ara Bicakci

Thursday

Witness Signature

Witness Printed Name

Ara Bicakci

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Ara Bicakci

Witness Printed Name

Witness Printed Address Campbell CA 95008

PATENT REEL: 012026 FRAME: 0797

Inventor Signature Cormac S. Conroy	Date 07/17/01
Thi Huse	Toni Hirose
Witness Signature	Witness Printed Name 4059 Via Chistobal Witness Printed Address  (ampbell, CA 95008)
Inventor Signature Sang-Soo Lee	Date
Witness Signature  Witness Signature	Witness Printed Name 4059 Via (nstabal) Witness Printed Address / 1100 00000
	witness Printed Address (in phell (1) 95008

**RECORDED: 07/23/2001** 

PATENT REEL: 012026 FRAME: 0798