

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
George C Tang	03/11/2001
Lizhi Zhong	05/08/2009
Freeman Y. Zhong	05/08/2009
Wenyi Jin	05/08/2009

**RECEIVING PARTY DATA**

Name:	LSI Corporation
Street Address:	1621 Barber Lane
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12469985

**CORRESPONDENCE DATA**

Fax Number: (586)498-0673  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 586-498-0670  
 Email: chriscpm2@aol.com  
 Correspondent Name: Christopher P. Maiorana  
 Address Line 1: 24840 Harper, Suite 100  
 Address Line 4: St. Clair Shores, MICHIGAN 48080

ATTORNEY DOCKET NUMBER:	1496.00600 / 06-2292
-------------------------	----------------------

NAME OF SUBMITTER:	John J. Ignatowski
--------------------	--------------------

Total Attachments: 5  
 source=149600600\_assignment\_052109#page1.tif

CH \$40.00 12469985

**500866290**

**PATENT  
 REEL: 022720 FRAME: 0108**

source=149600600\_assignment\_052109#page2.tif  
source=149600600\_assignment\_052109#page3.tif  
source=149600600\_assignment\_052109#page4.tif  
source=149600600\_assignment\_052109#page5.tif

**ASSIGNMENT OF APPLICATION**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

**We, the undersigned,**

do hereby sell, assign, and transfer to:

LSI CORPORATION, a corporation of Delaware, having a place of business at 1621 Barber Lane, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

**which has been executed by the undersigned concurrently herewith,**

and which is entitled:

SOLUTION FOR PACKAGE CROSSTALK MINIMIZATION

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 States 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 States 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 undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**First named inventor**

Name \_\_\_\_\_  
George C. Tang

Date \_\_\_\_\_

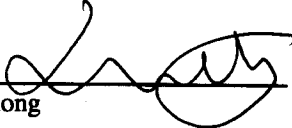
Witness Signature: \_\_\_\_\_

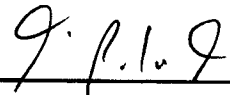
Witness Printed Name: \_\_\_\_\_

Witness Address: \_\_\_\_\_

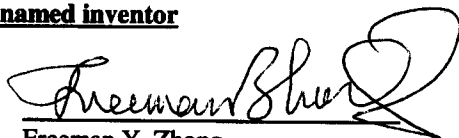
\_\_\_\_\_  
\_\_\_\_\_


**Second named inventor**

Name   
Lizhi Zhong  
Date 5/8/09

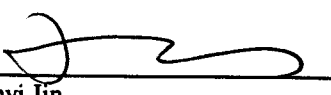
Witness Signature:   
Witness Printed Name: TOMASZ PROKOP  
Witness Address: 1401 RED HAWK CIR  
# J202  
FREMONT, CA 94538

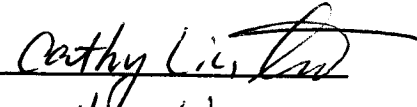
**Third named inventor**

Name   
Freeman Y. Zhong  
Date 05/8/09

Witness Signature:   
Witness Printed Name: Cathy Lin  
Witness Address: 6167 Paseo Pueblo Dr.  
San Jose CA 95120

**Fourth named inventor**

Name   
Wenyi Jin  
Date 5/8/09

Witness Signature:   
Witness Printed Name: Cathy Lin  
Witness Address: 6167 Paseo Pueblo Dr.  
San Jose CA 95120

**Fifth named inventor**

Name Jeffrey A Hall  
Jeffrey A Hall  
Date 5/8/2009

Witness Signature: David Lowrie  
Witness Printed Name: DAVID LOWRIE  
Witness Address: 1136 CARMEN FORT 14  
SAW TOSE CA 95120  
\_\_\_\_\_

Employee Invention and Confidential  
Information Agreement

|61

In consideration and as a condition of my employment, or continued employment, by LSI LOGIC CORPORATION (Hereinafter the "Company") and the compensation paid therefor:

1. **Confidentiality.** Except as otherwise provided herein, I agree to keep confidential and not to disclose, or make any use of, except for the benefit of the Company, either during or subsequent to my employment, any inventions, trade secrets, proprietary or confidential information, work of authorship or proprietary thing that relates to the actual or demonstrably anticipated business, research, development, product, devices or activity of the Company or any of its clients, customers, consultants, licensees or affiliates (hereinafter "Others"), which I may produce, obtain or otherwise acquire during the course of my employment. For the purposes of this Agreement all of the foregoing items which I am bound to maintain confidential, or with respect to which I have a duty or obligation shall be referred to in this Agreement, individually and collectively as "Proprietary Information."
2. **Conflicting Employment; Return of Confidential Material.** Conflicting Employment; Return of Confidential Material. I agree that, without the prior written consent of the Company, during my employment with the Company I will not engage in any other employment, occupation, consulting or other activity relating to the actual or demonstrably anticipated business of the Company or which would otherwise conflict with my obligations to the Company. If my employment with the Company terminates for any reason I agree to promptly surrender and deliver to the Company all records, drawings, documents and data pertaining to any Proprietary Information as well as tangible property related thereto which I then have in my custody or control. Further, I will not take with me any document, disk or other thing containing or pertaining to any Proprietary Information which I may produce or obtain during the course of my employment with the Company.
3. **Assignment of Inventions.** Assignment of Inventions. I hereby assign and transfer to the Company my entire right, title and interest in all Proprietary Information, conceived solely by me or jointly with Others during the period of my employment with the Company. This Agreement does not require assignment of any invention excluded from any assignment by Section 2870 of the California Labor Code (hereinafter "Section 2870").
4. **Disclosure of Inventions.** I agree that in connection with any invention, trade secret, work of authorship, proprietary information or proprietary thing:
  - a. I will disclose all Proprietary Information upon conception or creation in writing to my immediate supervisor, with a copy to the Company's Patent Counsel, regardless of whether I believe the invention is protected by Section 2870, in order to permit the Company to claim rights to which it may be entitled under this Agreement. Such disclosure shall be received in confidence by the Company;
  - b. Upon the Company's request, I will promptly execute a written assignment to the Company of all right, title, and interest to any Proprietary Information and I will preserve the aforementioned as confidential information of the Company;
  - c. Upon the Company's request and at its expense, I agree to assist the Company (or its nominee) during and at any time subsequent to my employment in every reasonable way to obtain for its own benefit patents, copyrights, mask work rights or other proprietary interest or protections for such assignable Proprietary Information in any and all countries, which Proprietary Information shall be and remain the sole and exclusive property of the Company (or its nominee) regardless of whether patented, copyrighted, registered or otherwise protected; and
  - d. I specifically acknowledge that any computer program, any programming documentation and any semiconductor chip products or mask works fall within the scope of this Agreement and that the Company owns all rights comprised in the registration or copyrights of such work.
5. **Execution of Documents.** Execution of Documents. In connection with Paragraph 4, upon the Company's (or its nominee's) request and at its expense, I agree to execute, acknowledge and deliver to the Company (or its nominee) all such documents, including without limitation applications for patents, registrations, assignments of invention and patents, assignments of copyrights and/or mask works to be issued or registered therefor, which the Company deems necessary or desirable to protect or register its interest in the Proprietary Information in any and all countries or to otherwise vest title thereto in the Company (or its nominee).
6. **Prior Inventions.** It is understood that all inventions, if any, patented or unpatented, which I made prior to my employment by the Company, are excluded from the scope of this Agreement. To preclude any uncertainty, I have set forth below a complete list of all of my prior inventions, including numbers of all patents and patent applications and a brief description of all unpatented inventions that are not the property of a previous employer. I represent and covenant that the list is complete and that if no items are on the list, I have no such prior inventions. I hereby certify that I have no continuing obligations with respect to assignment of inventions to any previous employer. I understand that any improvements, whether subject to patent, copyright or other protection, made on the listed inventions after the commencement of my employment by the Company are assigned or are to be assigned to the Company to the extent that such improvements are covered by the provisions of paragraph 3 of this Agreement.

PATENT

REEL: 022720 FRAME: 0113

- 7. **Other Obligations.** I acknowledge that the Company, from time to time, may have agreements with other persons or with the U.S. government, or agencies thereof, which impose obligations or restrictions on the Company regarding Proprietary Information made in the course of that work or regarding the confidential nature of such work. I agree to be bound by all such obligations and restrictions and to take all action necessary to discharge the obligations of the Company thereunder.
- 8. **Trade Secrets, Property Rights and Confidential Information of Others.** I represent that my performance of all the terms of this Agreement and as an employee of the Company does not and will not breach any Agreement made prior to my employment with the Company to keep in confidence or in trust any confidential or Proprietary Information or material including any invention, trade secret or work of authorship belonging to any previous employer of mine or any other person. I agree not to enter into any agreement either written or oral in conflict herewith. I will not disclose to the Company, nor induce the Company to receive or use, any confidential information, trade secret, work of authorship, proprietary information or proprietary thing belonging to, or designated as confidential by any previous employer of mine or by any other person.
- 9. **Solicitation.** I will not during my employment or within one year after it ends, without the express written consent of the Company, directly or indirectly: (a) induce any employee to terminate or alter his or her relationship with the Company, or (b) directly solicit any employee of the Company, to leave employment with the Company.
- 10. **Terms of Employment.** I understand and agree that I am not being employed by the Company for any specified period of time and that either I or the Company may terminate my employment with the Company at any time for any reason, with or without cause.
- 11. **Modification.** This Agreement may not be amended, in whole or in part, except by a written instrument signed by both parties hereto.
- 12. **Entire Agreement.** I acknowledge receipt of this Agreement, and agree that with respect to the subject matter hereof it is my entire agreement with the Company, superseding any previous oral or written understandings or agreements with the Company or any officer or representative thereof.
- 13. **Severability.** If any provision of this Agreement shall be held to be illegal or unenforceable, such provision shall be modified so as to be legal and enforceable in a manner that is as consistent with the original intent as possible, or if such is not possible it shall be severed from this Agreement shall not fail on account thereof, but shall otherwise remain in full force and effect.
- 14. **Successors and Assigns.** This Agreement shall be binding upon my heirs, executors, administrators or other legal representatives and is for the benefit of the Company, its subsidiaries and successors in interest or assigns.
- 15. **Export Regulations Compliance.** I acknowledge and understand that any technology subject to the U.S. export regulations or related to defense articles on the U.S. Munitions List, to which I have access or which is disclosed to me in the course of employment by the Company is subject to export control under either the Department of Commerce or the International Traffic in Arms Regulations. Unless having obtained prior written authorization from an officer of LSI Logic Corporation, I agree not (i) to export or re-export technology to any of the countries listed below or to any nationals of these countries; or (ii) to export the direct product of any technology, directly or indirectly, to any of the countries listed below or to any nationals of these countries.

Albania	Iraq	Russia
Armenia	Kazakhstan	Rwanda
Azerbaijan	Kyrgystan	Serbia/Montenegro
Belarus	Laos	Sudan
Bulgaria	Latvia	Syria
Cambodia	Libya	Tajikistan
China (PRC)	Lithuania	Turkmenistan
Cuba	Moldova	Ukraine
Estonia	Mongolia	Uzbekistan
Georgia	North Korea	Vietnam
Iran	Romania	

16. **Governing Law.** This Agreement shall be governed by the laws of the State of California.

**LSI LOGIC CORPORATION**

BY: Liberty E. Fox  
 NAME: LIBERTY FOX  
 TITLE: HR ASSISTANT  
 DATE: 3/2/01

EMPLOYEE-PRINT NAME: GEORGE TANG  
 EMPLOYEE-SIGNATURE: George Tang  
 DATE: 3/11/01

**PATENT**