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To the Director of the U.S. Patent and Trademark Office: Please receive _____ original documents or copy thereof.

1. Name of conveying party(ies):

Ho-Ming Leung, Remi C. Lenoir, Zoltan Toth, Daniel S.

Perrin, Eric Hung, Timothy J. Wilson

Additional names(s) of conveying party(ies) attached? **No**

2. Name and address of receiving party(ies):

Name: LSI Logic CorporationInternal Address: MS: D-106 LegalStreet Address: 1621 Barber LaneCity: Milpitas State: CA ZIP: 95035Additional name(s) & address(es) attached? **No**

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____Execution Date: 8-24-04; 8-25-04; 9-30-04

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: _____

A. Patent Application No(s).

10/929,011

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: **LSI Logic Corporation**Internal Address: **MS: D-106 Legal**Street Address: **1621 Barber Lane**City: **Milpitas** State: **CA** ZIP: **95035**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 if necessary8. Deposit Account Number: **12-2252**

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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.*Christopher P. Maiorana

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Signature

September 30, 2004

Date

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

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PATENT
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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 LOGIC 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:

REAL TIME CLOCK ARCHITECTURE AND/OR METHOD FOR A SYSTEM ON A CHIP (SOC) APPLICATION

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

Ho-Ming Leung

Date

8/25/2004


Witness Signature:


Witness Printed Name:

Witness Address:

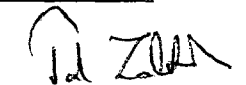
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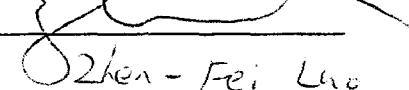
Second named inventor

Name 
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Date 8/24/04

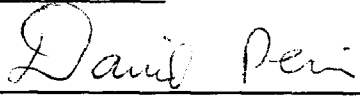
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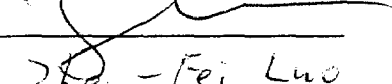
Third named inventor

Name 
Zoltan Toth
Date 08/24/2004

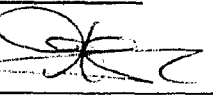
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Witness Printed Name: Zhen-Fei Luo
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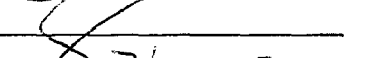
Fourth named inventor

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Docket No. 03-2613 / 1496.00385

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Sixth named inventor

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Date 30 Sept 2004

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