

Re 10.31.06
10.5.06

11-01-2006

EET

Atty Ref/Docket No.: 06-1544

Patent and Trademark Office

To the Honorable Commissioner of Patents



103330552

attached original documents or copy thereof.
address of receiving party(ies):

1. Name of conveying party(ies):

Cathy Y. Liu, Freeman Zhong, Catherine Chow, Yi Zeng and Ryan Park

Name: LSI Logic Corporation

Street Address: 1621 Barber Lane

City: Milpitas State: CA Zip: 95035

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [] Merger
- [] Security Agreement [] Change of Name
- [] Other

Execution Date: August 30, 2006, August 31, 2006, August 31, 2006, August 31, 2006, August 31, 2006

113268 U.S. PTO
11/516382
090506

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)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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2006 OCT 31 PM 12:18
FINANCE SECTION

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

Name: Raj Abhyanker

Address:

Intellectual Property Law Department
LSI Logic Corporation
1621 Barber Lane
Mail Stop: D-106
Milpitas, CA 95035

6. Total number of applications and patents involved: 1

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

- [] Enclosed
- [X] Authorized to be charged to deposit account.
- [] Authorized to be charged to credit card.

8. Please charge any additional fees or credit any over payments to our Deposit Account No.:

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.

Raj V. Abhyanker/Reg. No. 45,474
Name of Person Signing

Signature

9/5/06
Date

Total number of pages including cover sheet: 4

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

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 018472 FRAME: 0551

ASSIGNMENT

WHEREAS, We, Cathy Y. Liu, residing at 6167 Paseo Pueblo, San Jose, CA 95120, and Freeman Zhong, residing at 1543 Asterbell Drive, San Ramon, CA 94583, and Catherine Chow, residing at 6466 Windsor Ln, San Jose, CA 95129, and Yi Zeng, residing at 38812 Stillwater Common, Fremont, CA 94536, and Ryan Park, residing at 2282 Shelley Ave, San Jose, CA 95124, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled DUTY CYCLE COUNTING PHASE CALIBRATION SCHEME FOR HIGH SPEED I/O INTERFACE;


AND WHEREAS, LSI Logic Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 765 Sycamore Dr., Milpitas, CA 95035 (hereinafter the assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of August, 2006.



Cathy Y. Liu

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of August, 2006.



Freeman Zhong

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
August, 2006.



Catherine Chow

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
August, 2006.



Yi Zeng

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
August, 2006.



Ryan Park