

RE

03-13-2007

U.S. PTO

11/709568

02/21/2007

Patent and Trademark Office

Atty Ref/Docket No.: 00007.00051US1



103381485

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

CO-10-2

1. Name of conveying party(ies):

Yi Zeng, Freeman Zhong and Peter Windler

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

[] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: February 21, 2007, February 21, 2007, February 19, 2007

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

Name: LSI Logic Corporation

Street Address: 1621 Barber Lane

City: Milpitas State: CA Zip: 95035

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

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)

11/709568

Additional numbers attached? [] Yes [X] No

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

Name: **LSI Logic Corporation**

Address: **Customer No. 24319**

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

8. Please charge any additional fees or credit any over payments to our Deposit Account No.12-2252:

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.

Steve Ko /Reg. No. 58,757
Name of Person Signing

February 21, 2007
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

11/709568

000006212252

03/12/2007 NJMHA1

01 FC:8021

PATENT
REEL: 019018 FRAME: 0138

ASSIGNMENT

WHEREAS, We, Yi Zeng, residing at 38812 Stillwater Common, Fremont, CA 94536, and Freeman Zhong, residing at 1543 Asterbell Drive, San Ramon, CA 94583, and Peter Windler, residing at 2201 Tanglewood Drive, Fort Collins, CO 80525, 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 LOW POWER DECISION FEEDBACK EQUALIZATION (DFE) THROUGH APPLYING DFE DATA TO INPUT DATA IN A DATA LATCH:

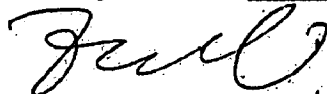
AND WHEREAS, LSI Logic Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1621 Barber Lane, Milpitas, CA 95035 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest 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.

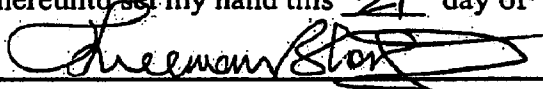
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of
Feb, 2007.



Yi Zeng

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of
Feb, 2007.



Freeman Zhong

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Peter Windler

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 _____ day of _____, 2007.

Yi Zeng

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Freeman Zhong

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of February, 2007.



Peter Windler