

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Richard J. Carter</td><td>08/10/2004</td></tr><tr><td>Wai Lo</td><td>08/10/2004</td></tr><tr><td>Sey-Shing Sun</td><td>08/10/2004</td></tr><tr><td>Hong Lin</td><td>08/10/2004</td></tr><tr><td>Verne Hornback</td><td>08/10/2004</td></tr></tbody></table>	Name	Execution Date	Richard J. Carter	08/10/2004	Wai Lo	08/10/2004	Sey-Shing Sun	08/10/2004	Hong Lin	08/10/2004	Verne Hornback	08/10/2004	
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RECEIVING PARTY DATA													
Name:	LSI LOGIC CORPORATION												
Street Address:	1621 Barber Lane												
City:	Milpitas												
State/Country:	CALIFORNIA												
Postal Code:	95035												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12140773</td></tr></tbody></table>	Property Type	Number	Application Number:	12140773									
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Application Number:	12140773												
CORRESPONDENCE DATA													
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Address Line 2: MS: D-106													
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NAME OF SUBMITTER:	James R. Foley												

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PATENT  
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Total Attachments: 2

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**ASSIGNMENT OF APPLICATION****Docket Number:** 03-1054

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,

Serial No. 12/140,773

and which is entitled:

Filed: June 17, 2008

**APPLICATION OF GATE EDGE LINER TO MAINTAIN GATE LENGTH CD IN A REPLACEMENT GATE TRANSISTOR FLOW**

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.

**Inventors:**

Name Richard J. Carter Date: 8/10/04

Name Wai Lo Date: 8/10/04

Name Sey-Shing Sun Date: 8/10/04

Name L. Hong Date: 8/10/2004  
Hong Lin

Name Verne Hornback Date: 8/10/04  
Verne Hornback

Witness Signature: Darren Moore

Witness Printed Name: Darren Moore

Witness Address: 705 NE 21<sup>st</sup> Ave, Portland, OR 97232