PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT848612

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Randall P. Fry | 04/07/2009 |
| Michael A. Minter | 04/08/2009 |

RECEIVING PARTY DATA

| Name: | LSI Corporation |
|-------------------|------------------|
| Street Address: | 1621 Barber Lane |
| Internal Address: | MS-D105 |
| City: | Milpitas |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12421198 |

CORRESPONDENCE DATA

Fax Number: (866)362-2417

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 865-546-4305

Email: rbarnes@Lng-patent.com Luedeka, Neely, Graham, P.C. **Correspondent Name:**

Address Line 1: P.O. Box 1871 Address Line 2: Attn: Rick Barnes

Address Line 4: Knoxville, TENNESSEE 37901

| ATTORNEY DOCKET NUMBER: | 65039.US |
|-------------------------|--------------|
| NAME OF SUBMITTER: | Rick Barnes |
| SIGNATURE: | /rwbarnesjr/ |
| DATE SIGNED: | 04/09/2009 |

Total Attachments: 2

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> **PATENT** REEL: 022527 FRAME: 0027

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PATENT REEL: 022527 FRAME: 0028

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, do hereby sell, assign, and transfer to:

Assignee name:

LSI Corporation, a Delaware corporation

Assignee address:

1621 Barber Lane, Milpitas CA 95035

its successors, assigns, and legal representatives (collectively referred to as "Assignee"), the entire right, title and interest for the United States and all foreign countries, in and to any all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith unless the box below is checked,

| [] | which was filed on: | |
|----|-----------------------------|--|
| | and assigned serial number: | |

and is entitled:

AUTOMATED TIMING OPTIMIZATION

and in and to the 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 the 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 the improvements; and in and to all rights of priority resulting from the filing of the United States application; and

Agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to, but at the expense of, the Assignee, to carry out in good faith the intent and propose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications to patents and all patents on the improvements, in the Assignee; and

Covenant with the Assignee 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; and

Grant the firm of Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville TN 37901, the power to insert on this document any further information that may be necessary or desirable to comply with the rules of any relevant governmental office for the recordation of this document.

65039.asg.doc

Randall P. Fry

4/7/2009

Witness signature

Witness name

Witness address

1900 TEMPO COURT GREENVILLE, NC

27858

April 8, 2009

Witness address

| 262 Gustnut St. |
| Witness signature | Patricia Hagler Minter |
| Patricia Hagler

Witness address

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