

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>EUI SEOK HWANG</td> <td>03/03/2014</td> </tr> <tr> <td>GEORGE MATHEW</td> <td>03/03/2014</td> </tr> <tr> <td>XIUFENG SONG</td> <td>03/03/2014</td> </tr> </tbody> </table>   |                        | Name          | Execution Date  | EUI SEOK HWANG      | 03/03/2014             | GEORGE MATHEW | 03/03/2014 | XIUFENG SONG   | 03/03/2014 |              |       |
| Name   | Execution Date         |               |                 |                     |                        |               |            |                |            |              |       |
| EUI SEOK HWANG   | 03/03/2014             |               |                 |                     |                        |               |            |                |            |              |       |
| GEORGE MATHEW  | 03/03/2014             |               |                 |                     |                        |               |            |                |            |              |       |
| XIUFENG SONG   | 03/03/2014             |               |                 |                     |                        |               |            |                |            |              |       |
| RECEIVING PARTY DATA   |                        |               |                 |                     |                        |               |            |                |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>LSI CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1320 RIDDER PARK DRIVE</td> </tr> <tr> <td>City:</td> <td>SAN JOSE</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95131</td> </tr> </table>  |                        | Name:         | LSI CORPORATION | Street Address:     | 1320 RIDDER PARK DRIVE | City:         | SAN JOSE   | State/Country: | CALIFORNIA | Postal Code: | 95131 |
| Name:  | LSI CORPORATION        |               |                 |                     |                        |               |            |                |            |              |       |
| Street Address:  | 1320 RIDDER PARK DRIVE |               |                 |                     |                        |               |            |                |            |              |       |
| City:  | SAN JOSE               |               |                 |                     |                        |               |            |                |            |              |       |
| State/Country:   | CALIFORNIA             |               |                 |                     |                        |               |            |                |            |              |       |
| Postal Code:   | 95131                  |               |                 |                     |                        |               |            |                |            |              |       |
| 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>14198830</td> </tr> </tbody> </table>  |                        | Property Type | Number          | Application Number: | 14198830               |               |            |                |            |              |       |
| Property Type  | Number                 |               |                 |                     |                        |               |            |                |            |              |       |
| Application Number:  | 14198830               |               |                 |                     |                        |               |            |                |            |              |       |
| CORRESPONDENCE DATA  |                        |               |                 |                     |                        |               |            |                |            |              |       |
| <p>Fax Number: (402)496-0333</p> <p>Phone: 402-496-0300</p> <p>Email: file@suiter.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: LSI CORPORATION C/O SUITER SWANTZ PC LLO</p> <p>Address Line 1: 14301 FNB PARKWAY, SUITE 220</p> <p>Address Line 4: OMAHA, NEBRASKA 68154</p> |                        |               |                 |                     |                        |               |            |                |            |              |       |
| ATTORNEY DOCKET NUMBER:  | L13-1098US2            |               |                 |                     |                        |               |            |                |            |              |       |
| NAME OF SUBMITTER:   | FAISAL K. ABOU-NASR    |               |                 |                     |                        |               |            |                |            |              |       |
| Signature:   | /faisal k abou-nasr/   |               |                 |                     |                        |               |            |                |            |              |       |
| Date:  | 03/06/2014             |               |                 |                     |                        |               |            |                |            |              |       |
| <p>Total Attachments: 1</p> <p>source=L131098U2_Assignment#page1.tif</p>   |                        |               |                 |                     |                        |               |            |                |            |              |       |

PATENT

## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Eui Seok Hwang, George Mathew, and Xiufeng Song**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1320 Ridder Park Drive, San Jose, CA 95131, United States of America, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions") as described and/or claimed in an application for Letters Patent of the United States of America entitled **SYSTEM AND METHOD FOR GENERATING SOFT-ORTHOGONAL SYNCMARKS** and assigned attorney docket number **L13-1098US2**, and in and to the application and all divisional, continuing, substitute, renewal, reissue, reexamination and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues, reexaminations and extensions thereof.

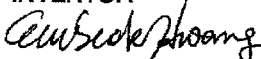
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

I/We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR

EUI SEOK HWANG03/03/2014

Date

INVENTOR

GEORGE MATHEW03/03/2014

Date

INVENTOR

XIUFENG SONGMarch 3, 2014

Date

Rev1: 02/08/2013