

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Joseph M. Freund | 09/28/2011 |
| Roger A. Fratti | 10/03/2011 |
| RECEIVING PARTY DATA | |
| Name: | LSI Corporation |
| Street Address: | 1621 Barber Lane |
| City: | Milpitas |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13248297 |
| CORRESPONDENCE DATA | |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Christopher P. Maiorana |
| Address Line 1: | 24840 Harper, Suite 100 |
| Address Line 4: | St. Clair Shores, MICHIGAN 48080 |
| ATTORNEY DOCKET NUMBER: | 1496.00765 |
| NAME OF SUBMITTER: | Christopher P. Maiorana |
| Total Attachments: 3 source=13248297_assignment_100311#page1.tif source=13248297_assignment_100311#page2.tif source=13248297_assignment_100311#page3.tif | |

OP \$40.00 13248297

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **JOSEPH M. FREUND and ROGER A. FRATTI**, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 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") related to **DIGITAL TELEVISION WITH IMPROVED INPUT SELECTION FUNCTIONALITY** as described in an application for Letters Patent of the United States of America filed on _____ and assigned Serial No. ___ / _____, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, 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 for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues 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.

I/We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

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

INVENTOR

Joseph M. Freund
Joseph M. Freund
9/28/2011
Date

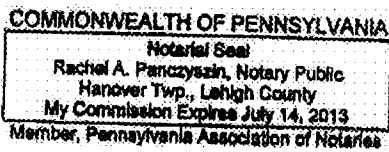
ACKNOWLEDGMENT

State of Pennsylvania
County of Lehigh

On this 28 day of September, 2011, before me personally appeared known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

Rachel A. Panczynski (Seal)
Notary Public



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

INVENTOR

Roger A Fratti
Roger A. Fratti

10-3-2011
Date

ACKNOWLEDGMENT

State of Pennsylvania
County of Lehigh

On this 3 day of October, 2011, before me personally appeared known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

Rachel A. Panczyzn
Notary Public

(Seal)

