

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IVAN L. MAZURENKO	03/26/2013
PAVEL A. ALISEITCHIK	03/26/2013
ALEXANDER B. KHOLODENKO	03/26/2013
DENIS V. PARFENOV	03/26/2013
DENIS V. PARKHOMENKO	03/26/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LSI CORPORATION
<b>Street Address:</b>	1320 RIDDER PARK DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14646656
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)712-3774
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	610-712-8514
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<b>Correspondent Name:</b>	LSI CORPORATION
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<b>Address Line 4:</b>	ALLENTOWN, PENNSYLVANIA 18109
<b>ATTORNEY DOCKET NUMBER:</b>	L12-3854US1
<b>NAME OF SUBMITTER:</b>	SCOT M. RINGENBERG
<b>SIGNATURE:</b>	/scot m ringenberg/
<b>DATE SIGNED:</b>	05/21/2015
<b>Total Attachments: 1</b>	
source=L123854US1_Assignment_05-21-15#page1.tif	

ASSIGNMENT AGREEMENT

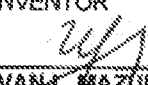
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, Ivan L. Mazurenko, Pavel A. Aliseitchik, Alexander B. Kholodenko, Denis V. Parfenov, and Denis V. Parkhomenko, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, 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 international patent application designating the United States of America entitled FRONT-END ARCHITECTURE FOR IMAGE PROCESSING and assigned attorney docket number L12-3854WO1, 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.

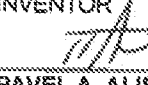
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

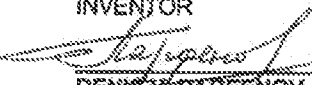
I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection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

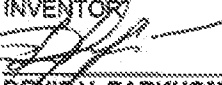
IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR  
  
IVAN L. MAZURENKO  
03/26/2013  
Date

INVENTOR  
  
PAVEL A. ALISEITCHIK  
03/26/2013  
Date

INVENTOR  
  
ALEXANDER B. KHOLODENKO  
03/26/2013  
Date

INVENTOR  
  
DENIS V. PARFENOV  
03/26/2013  
Date

INVENTOR  
  
DENIS V. PARKHOMENKO  
03/26/2013  
Date