

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mark A. Bachman	12/15/2010
Sailesh M. Merchant	01/10/2011
John Osenbach	12/15/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LSI Corporation
<b>Street Address:</b>	1621 Barber Lane, MS D-106
<b>City:</b>	Milpitas
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12969836
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)480-8865
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	972-480-8800
<b>Email:</b>	liz.schumacher@hittgaines.com
<b>Correspondent Name:</b>	Hitt Gaines, P.C.
<b>Address Line 1:</b>	P.O. Box 832570
<b>Address Line 4:</b>	Richardson, TEXAS 75083
<b>ATTORNEY DOCKET NUMBER:</b>	L09-0808US1
<b>NAME OF SUBMITTER:</b>	Ronald J. Corbett
<b>Total Attachments: 4</b> source=I090808assignment#page1.tif source=I090808assignment#page2.tif	

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**PATENT**  
**REEL: 025607 FRAME: 0198**

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**ASSIGNMENT**

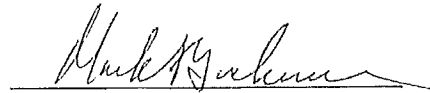
For value received, we Mark A. Bachman a citizen of USA in the County of Berks and the State of Pennsylvania and Sailesh M. Merchant a citizen of USA in the County of Lehigh and the State of Pennsylvania and John Osenbach a citizen of USA in the County of Berks and the State of Pennsylvania, hereby sell, assign and transfer to LSI Corporation, a corporation of DE, having an office at 1621 Barber Lane, MS D-106, Milpitas, CA 95035, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "METHOD OF FABRICATION OF THROUGH-SUBSTRATE VIAS" described in an application for Letters Patent of the United States, Application Number: 12/969,836 and Filing Date: December 16, 2010, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to LSI Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize LSI Corporation to make application for such protection in its own name and maintain such protection in any and all foreign countries to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of LSI Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to LSI Corporation in the United States and in all countries foreign to the United States, or to such nominees as LSI Corporation may designate.

We agree that, when requested, I shall, without charge to LSI Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



Mark A. Bachman

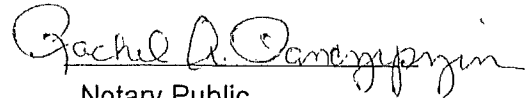
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State of Pennsylvania

On this 15<sup>th</sup> day of December, 2010, before me personally came Mark A. Bachman, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



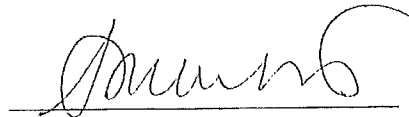
Notary Public

My Commission Expires

LSI Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal  
Rachel A. Panczyzsin, Notary Public  
Hanover Twp., Lehigh County  
My Commission Expires July 14, 2013  
Member, Pennsylvania Association of Notaries



Sailesh M. Merchant

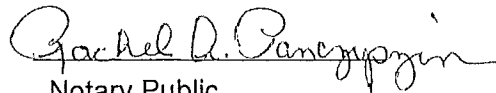
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State of Pennsylvania

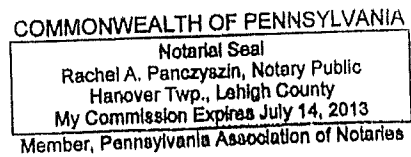
On this January 10<sup>th</sup> day of January, 2011, before me personally came Sailesh M. Merchant, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

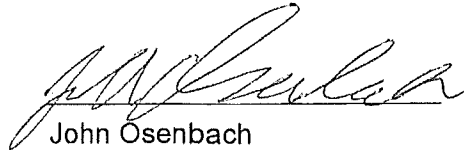


Notary Public

My Commission Expires

LSI Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

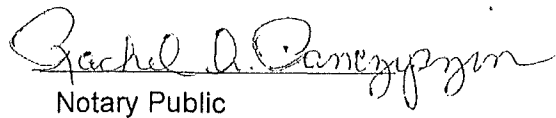


  
John Osenbach

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State of Pennsylvania

On this 15<sup>th</sup> day of December, 2010, before  
me personally came John Osenbach, to me known to be the individual described herein and  
who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires

LSI Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

