

PATENT ASSIGNMENT

Electronic Version v1.1
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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>James A. Bailey</td> <td>09/20/2010</td> </tr> <tr> <td>Robert K. Chen</td> <td>09/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	James A. Bailey	09/20/2010	Robert K. Chen	09/23/2010
Name	Execution Date						
James A. Bailey	09/20/2010						
Robert K. Chen	09/23/2010						
RECEIVING PARTY DATA							
Name:	LSI Corporation						
Street Address:	1621 Barber Lane						
City:	Milpitas						
State/Country:	CALIFORNIA						
Postal Code:	95035						
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>14022971</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14022971		
Property Type	Number						
Application Number:	14022971						
CORRESPONDENCE DATA							
Fax Number:							
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	7202664728						
Email:	dhamilton@hdciplaw.com						
Correspondent Name:	Douglas M. Hamilton						
Address Line 1:	8601 W. Cross Dr.						
Address Line 2:	F5-301						
Address Line 4:	Littleton, COLORADO 80123						
ATTORNEY DOCKET NUMBER:	AGERE-018500						
NAME OF SUBMITTER:	Douglas M. Hamilton						
Signature:	/Douglas M. Hamilton/						
Date:	09/11/2013						

OP \$40.00 14022971

Total Attachments: 4

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ASSIGNMENT AGREEMENT

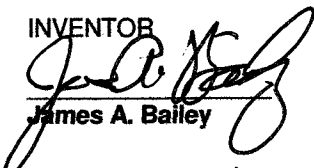
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **James A. Bailey, Robert K. Chen, and Richard T. Kaul** hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, 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 **Systems and Methods for Filter Initialization and Tuning** and assigned attorney docket number **L10-0121US1**, 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

James A. Bailey
20 Sep 2010
Date

INVENTOR

Robert K. Chen

Date

INVENTOR

Richard T. Kaul

Date

ACKNOWLEDGMENT

State of ARIZONA

County of NAVAJO

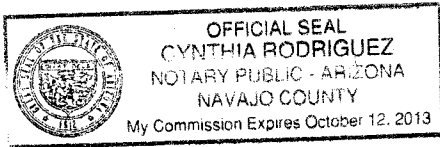
On this 20th day of SEPTEMBER, 2010, before me personally appeared

JAMES A BAILEY

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.

Cynthia Rodriguez (Seal)
Notary Public



ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **James A. Bailey, Robert K. Chen, and Richard T. Kaul** hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, 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 **Systems and Methods for Filter Initialization and Tuning** and assigned attorney docket number **L10-0121US1**, 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.

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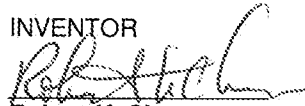
IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR

James A. Bailey

Date

INVENTOR



Robert K. Chen

9/23/2010

Date

INVENTOR

Richard T. Kaul

Date

ACKNOWLEDGMENT

State of Massachusetts

County of Essex

On this 23rd day of September, 2010, before me personally appeared

Robert K. Chen

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.

Diana S. Cook
Notary Public

(Seal)

