

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>Haitao Xia</td> <td>10/04/2012</td> </tr> <tr> <td>Lei Chen</td> <td>10/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Haitao Xia	10/04/2012	Lei Chen	10/03/2012
Name	Execution Date						
Haitao Xia	10/04/2012						
Lei Chen	10/03/2012						
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>13650562</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13650562		
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Application Number:	13650562						
CORRESPONDENCE DATA							
Fax Number:	4025041636						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	402 502 1020						
Email:	uspto@adventip.com						
Correspondent Name:	Advent IP/LSI Corporation						
Address Line 1:	2425 South 144th Street, Suite 202						
Address Line 4:	Omaha, NEBRASKA 68144						
ATTORNEY DOCKET NUMBER:	L12-1612US1						
NAME OF SUBMITTER:	Kevin E. West						
Total Attachments: 3 source=L121612US1Assignment#page1.tif source=L121612US1Assignment#page2.tif source=L121612US1Assignment#page3.tif							

OP \$40.00 13650562

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Haitao Xia and Lei Chen**, 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 **Adaptive Maximum A Posteriori (MAP) Detector in Read Channel** and assigned attorney docket number **LSI12-1612US1**, 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



Haitao Xia

Date

10/4/2012

INVENTOR



Lei Chen

Date

10/03/2012

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

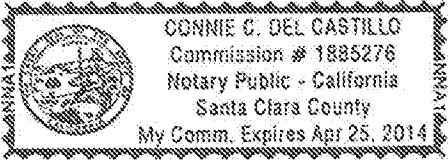
State of California
County of Santa Clara

On October 3, 2012 before me, Connie C. del Castillo, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Lei Chen
Name of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature Connie C. del Castillo
Signature of Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Santa Clara

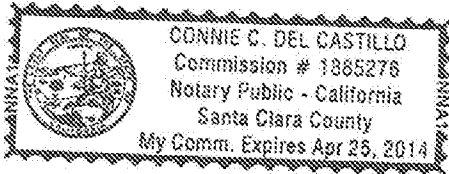
On October 4, 2012 before me, Connie C. del Castillo, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Haitao Xia --
Name of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Place Notary Seal Above