502166635 12/18/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shiva Prasad Kotagiri	12/07/2012
Amaresh V. Malipatil	12/07/2012
Pervez M. Aziz	12/06/2012

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:	13717973	

CORRESPONDENCE DATA

Fax Number: 610 640 93

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 610 640 9350

Email: ipls@ip-legal-svcs.com

Correspondent Name: IP Legal Services

Address Line 1: 1500 East Lancaster Avenue, Suite 100

Address Line 2: P.O. Box 1027

Address Line 4: Paoli, PENNSYLVANIA 19301

ATTORNEY DOCKET NUMBER:	L12-0971US1
NAME OF SUBMITTER:	Wendy Reczek

Total Attachments: 4

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> PATENT REEL: 029488 FRAME: 0787

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502166635

ASSIGNMENT AGREEMENT

we, Shiva Prasad Kotagin, A transfer to LSI Corporation, a college Lane, Milpitas, CA 95035, Ur representatives (collectively "Assall foreign countries, in and to a ADAPTIVE CANCELLATION Codescribed in an application for the by filing date and serial nur Agreement, and in and to the agand all other applications for Letterall foreign countries for the Investigations.	ation, the receipt and sufficiency of timaresh V. Malipatil, Pervez M. imporation of the State of Delaware, lited States of America, and its ignee"), the entire right, title and improved the property of the Unite and assigned Serial No/	having an office at 1621 Barber successors, assigns and legal terest, for the United States and ements ("Inventions") related to OMMUNICATION SYSTEM as d States of America filed on or if not identified the execution of this Assignment ling, substitute, renewal, reissue be filed in the United States and legas under any and all Letters
take all rightful oaths, make all desirable or convenient for sec	will, without charge to Assignee bu I rightful declarations and do all uring and maintaining patents or (s and for vesting title thereto in Ass	acts which may be necessary, other forms of protection for the
the inventions in Assignee's ow	ignee to make applications for pate in name in any and all countries, im of protection for the inventions fi and all treaties, conventions or agre	led by Assignee the benefit of all
formal equivalent of any assignment of a signment of a signm	y of this Assignment Agreement s nent, consent to file or similar doc luding proof of the right of Assigner nd to claim the aforesaid benefit of t	ument which may be required in a to apply for patent or other form
tata aumaniya attamane for Assis	gnee to insert the filing date and se for Letters Patent has been filed	irial number into this Assignment
	have hereunto signed our name(s) on the day and year set forth
INVENTOR	INVENTOR	INVENTOR
		Ray MASS
Shiva Prasad Kotagiri	Amaresh V. Malipatii	Pervez M. Azîz
Pote	Date	Date (2/6/12-
Date	Committee	- arithmetical

PATENT REEL: 029488 FRAME: 0788

ACKNOWLEDGMENT

State of										
•		<u> 445</u>								
On this _	612	day of	Drai			12; befo	re me	persone	ally appear	ed
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PATENT REEL: 029488 FRAME: 0789

US Application File No.: L12-0971US1

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,
we, Shiva Prasad Kotagiri, Amaresh V. Malipatil, Pervez M. Aziz, 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") related to
ADAPTIVE CANCELLATION OF VOLTAGE OFFSET IN A COMMUNICATION SYSTEM 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.

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.

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.

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.

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.

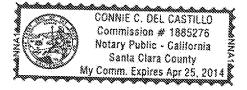
IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

INVENTOR	INVENTOR	INVENTOR
Shiva Prasad Kotagiri	Amaresh V. Malipatil	Pervez M. Aziz
12107 2012	12/07/2012	
Date	Date	Date

PATENT REEL: 029488 FRAME: 0790

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Santa Clara
On <u>December 7, 2012</u> before me, <u>Connie C. del Castillo, Notary Public,</u>
Date Here Insert Name and Title of the Officer
personally appeared Shiva Prasad Kotagiri and Amaresh V. Malipatil
Name of Signer(s)



Place Notary Seal Above

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.

Cinnetius of Mater, Dubli

PATENT REEL: 029488 FRAME: 0791

RECORDED: 12/18/2012