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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Harald Weller	02/13/2006
Ludmil Nikolov	02/03/2006
Ji Zhao	02/28/2006

RECEIVING PARTY DATA

Name:	Lattice Semiconductor Corporation	
Street Address:	5555 N.E. Moore Court	
City:	Hillsboro	
State/Country:	OREGON	
Postal Code:	97124-6421	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11335890

CORRESPONDENCE DATA

Fax Number: (408)392-9262

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

Email: tkavanaugh@macpherson-kwok.com
Correspondent Name: MacPherson Kwok Chen & Heid LLP
Address Line 1: 1762 Technology Drive, Suite 226
Address Line 4: San Jose, CALIFORNIA 95110

ATTORNEY DOCKET NUMBER:	M-16203 US
NAME OF SUBMITTER:	Brent A. Folsom

Total Attachments: 4

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PATENT REEL: 017277 FRAME: 0127

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PATENT REEL: 017277 FRAME: 0128

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

Harald Weller of Bristol, United Kingdom

Ludmil Nikolov of Chippenham, United Kingdom

Jack Zhao of Saratoga, California

hereby sell, assign and transfer to **Lattice Semiconductor Corporation**, a Delaware corporation, having a place of business at 5555 N.E. Moore Court, Hillsboro, OR 97124-6421, its successors and assigns, the entire right, title and interest throughout the world in my invention in

PHASE-LOCKED LOOP SYSTEMS AND METHODS

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 13th day of 1	EBRUARY , 200	06.
	HWell.	
	Harald Weller	
State of UNITED KINGSON		
County of Bhistan) ss		
On 13 F Resury 2006,	before me, James George	alrut
personally appeared Harald Weller personally be the person(s) whose name(s) is(are) subscribe executed the same in his/har/their authorized can the person(s), or the entity upon behalf of which	ed to the within instrument and acknowled pacity(ies), and that by his/her/their signate	ged to me that he/she/they ure(s) on the instrument
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	Signature of NOTARY	5 - 14 - 1 - 1 - 1

Page 1 of 2

PATENT REEL: 017277 FRAME: 0129

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		Ludmil Nikolov	
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) ss		
		arii (1900) aa	
On SN Februar personally appeared Ludmil N	∡ງ 2006, before	me, ANDREW	JOHN GILL
personally appeared Ludmil N to be the person(s) whose name	ikolov personally knov	n to me or proved to me on t	he basis of satisfactory evidence chrowledged to me that
he/she/they executed the same	in his/her/their authoriz	ed 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, exe	ecuted the instrument.
		WITNESS my hand and offic	zial seal.
		Signature of NOTARY	
Executed this	day of	Signature of NOTARY	
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Executed this		Signature of NOTARY Jack Zhao	
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Harald Weller of Bristol, United Kingdom Ludmil Nikolov of Chippenham, United Kingdom Ji Zhao of Saratoga, California

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PHASE-LOCKED LOOP SYSTEMS AND METHODS

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Executed this	day of	, 2006.
		Harald Weller
State of		
County of) ss)	
be the person(s) whose name(s executed the same in his/her/tl	s) is(are) subscribed heir authorized capa	nown to me or proved to me on the basis of satisfactory evidence to it to the within instrument and acknowledged to me that he/she/they acity(ies), and that by his/her/their signature(s) on the instrument the person(s) acted, executed the instrument.
		WITNESS my hand and official seal.
		Signature of NOTARY

Page 1 of 2

Executed this	Executed this	day of	, 2006.
State of			
County of	G C	,	Ludmil Nikolov
On2006, before me,			
Executed this	County of)	
Executed this	On	2006, bet	Fore me,
Signature of NOTARY Executed this	to be the person(s) whose no he/she/they executed the san	ame(s) is(are) subscribe me in his/her/their autho	d to the within instrument and acknowledged to me that orized capacity(ies), and that by his/her/their signature(s) on the
Executed this			WITNESS my hand and official seal.
State of			Signature of NOTARY
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On ODES 2006 2006, before me, PRUNEET. SINGH (Notary Public) personally appeared Ji Zhao, personally known to me or 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. WITNESS my hand and official seal. WITNESS my hand and official seal.	Executed this	28th day of	Feb. , 2006.
On ODES 2006 2006, before me, PRUNEET. SINGH (Notary Public) personally appeared Ji Zhao, personally known to me or 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. WITNESS my hand and official seal. WITNESS my hand and official seal.			The
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COMM. # 1596611 OF THE PROPERTY OF THE PROPERTY OF THE SUNGH .			WITNESS my hand and official seal.
	O NO	COMM. # 1596611 TARY PUBLIC-CALIFORNIA INTA CLARA COUNTY	Signature of NOTARY

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RECORDED: 03/08/2006