01-09-2007

FORM PTO-1595 (Rev. 09/04) OMB-0651-0027 (exp. 6/30/2005)



103358923

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

HEET

	Director of the U.S. Patent and Trademark Office	riease record the attached documents of the flew address(es) below.
1. Name of com	veying party(les)/Execution Date:	2. Name and address of receiving party(les):
Larry R Harold	. Fenstermaker Scholz	Name: Lattice Semiconductor Corporation
Execution Date: 12	-11-2006 and 12-12-2006	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes [X] No		Street Address: <u>5555 N.E. Moore Ct.</u>
3. Nature of conv	eyance:	
[X] Assignment	☐ Merger	1,000
☐ Security Agree	ment Change of Name	City: Hilisboro
		State: OR
	iterest Assignment	
☐ Executive Orde	er 9424, Confirmatory License	Country: USA Zip: 97124-6421
☐ Other		Additional name(s) & address(es) attached?
A. Patent Applicat		B. Patent No. (s)
Serial No. 11/6	38,156 - Filing Date 12/13/2006 Additional numbers	s attached? □ Yes [X] No
Serial No. 11/6	38,156 - Filing Date 12/13/2006 Additional numbers	s attached? Yes [X] No ling 6. Total number of applications and patents involved: 1
Serial No. 11/6	38,156 - Filing Date 12/13/2006 Additional numbers	s attached? □ Yes [X] No
Serial No. 11/6 5. Name and add document should	38,156 - Filing Date 12/13/2006 Additional numbers ress of party to whom correspondence concern be mailed:	s attached? Yes [X] No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00
Serial No. 11/6 5. Name and add document should Name:	38,156 - Filing Date 12/13/2006 Additional numbers ress of party to whom correspondence concern be mailed: Steve Mendelsohn	s attached? Yes [X] No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00 Authorized to be charged by credit card
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5. Name and add document should Name: Internal Address: Street Address:	Additional numbers ress of party to whom correspondence concern be mailed: Steve Mendelsohn Mendelsohn & Associates, P.C. 1500 John F. Kennedy Blvd. Suite 405	s attached? Yes [X] No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00 [] Authorized to be charged by credit card [X] Authorized to be charged to deposit account [] Enclosed
Serial No. 11/6 5. Name and add document should Name: Internal Address: Street Address: City:State:State:	Additional numbers ress of party to whom correspondence concern be mailed: Steve Mendelsohn Mendelsohn & Associates, P.C. 1500 John F. Kennedy Blvd. Suite 405 Philadelphia PA Zip: 19102	s attached? Yes [X] No 1
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Serial No. 11/6 5. Name and add document should Name: Internal Address: Street Address: City:	Additional numbers ress of party to whom correspondence concern be mailed: Steve Mendelsohn Mendelsohn & Associates, P.C. 1500 John F. Kennedy Blvd. Suite 406 Philadelphia PA Zip: 19102	s attached? Yes [X] No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00 [] Authorized to be charged by credit card [X] Authorized to be charged to deposit account [] Enclosed [] None required (government interest not affecting title)
Serial No. 11/6 5. Name and add document should Name: Internal Address: Street Address: City:	Additional numbers ress of party to whom correspondence concern be mailed: Steve Mendelsohn Mendelsohn & Associates, P.C. 1500 John F. Kennedy Blvd. Suite 406 Philadelphia PA Zip: 19102 215-557-6656	s attached?

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 1054.063

Lattice Ref.: L06-023

PATENT

REEL: 018765 FRAME: 0140

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FORM #10-4806 (Min), \$6004) GMB-0661-0027 (Mg. 6/20/20/6)

12/28/2006 700303/736

U.S. DEPARTMENT OF COMMERCE PART and Trademick Office

RECORDATION FORM COVER SHEET PATENTS ONLY

1. Name of boriviting party(las)/Essecution Salts:	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	2. Hame and address of receiving partyline):
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Execution Date: 13-11-2008 and 12-12-2008	
Additional name(a) of sonveying party(les), situational? Yes: [X] No	Street Address:SSSE N.E. Morore Ct.
3. Nature of consequence:	
(X) Assignated El Morget	City: JiWaporo
C Security Agreement: C Officings of Name	
Generament interest-Assignment	Shine OR
☐ Executive Order \$424, Confirmatory License	Country: 2554 Zip: 97124-9421
G Other	Additional name(s) & address(st) attached? Yes [X] No
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(a)	S. Patient No. (a)
Sérial No. 11/538;156 - Filing Dide: 12/13/2006	ľ
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6. Have and eddress of party to whom edifferentiation concerning	E. Total marridor of applications and passins (hydrod): (
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	Authorized to be charged by chall card
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Stired Address: 1898 John F. Kennedy Bhill, Suite 408 City: Philadelichie Stale: PA. Zip: 19102 Phone Number: 216-967-9668	Authorized to be dwarged to deposit account
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Stired Address: 1505 John F. Kennedy Bhrs. Stire 406 City: Philed Shrie State: PA. Zip: 19102 Phone Number: 215-657-656	Authorized to be charged to deposit account [] Endosed [] None-required (government interest not affecting this) 8. Payment Informations a. Cradit Clarit Lact 4 Numbers. Expiration Data
Stired Address: 1505 John F. Kennedy Bhrs. Stire 406 City: Philed Shrie State: PA. Zip: 19102 Phone Number: 215-657-656	[X] Authorized to be charged to deligate account [] Endosed [] None-required (povernment interest not affecting title) 8. Payment informations
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Street Address: 1898 Solet E. Kennedy Bhrill. Stite 408 City: Philedal Shib Stole: PA Zip: 19162 Phone Number: 218-957-9477 Emell Address: 218-957-9477	[X] Authorized to be charged to deligned account [] Endosed [] None required (government interest not affecting title) 6. Payment Informations a. Cracif Clari Laci 4 Numbers Expiration Data
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Decements to be recorded (Instituting dover sheet) should be feeted to (793) 309-5995, or melled to:
Mell Stop Assignment Recordation Statutous, Director of the USPTO, P.O., Biox 1450, Abertarists, VA 22213-1450

Afforney Döcket No.: 1084.883 Lattice Ref. : £06-025

REEL: 018765 FRAME: 0141

Attorney Docket No. 1054.063

Customer No.: 22186 Lattice Ref.: <u>L06-023</u>

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Larry R. Fenstermaker of Nazareth in the State of Pennsylvania, Harold Scholz of Allentown in the State of Pennsylvania,

hereby sell, assign and transfer to Lattice Semiconductor Corporation, a corporation of the State of Delaware, having an office at 5555 N.E. Moore Ct., Hillsboro, Oregon 97124-6421, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to LOW STATIC CURRENT DRAIN LOGIC CIRCUIT described in an application for Letters Patent of the United States, executed by me of even date herewith, 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 I also concurrently hereby sell, assign and transfer to Lattice Semiconductor 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.

I authorize Lattice Semiconductor Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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 Lattice Semiconductor Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

PATENT REEL: 018765 FRAME: 0142 I agree that, when requested, I shall, without charge to Lattice Semiconductor 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.

Larry R. Fenstermaker

Date: 12 - 11 - 06

United States of America

State of PA

) ss.:

County of Northampton)

> Sharon Lynn Brunowsky Notary Public

> > COMMONWEALTH OF PENNSYLVANIA Noterial Seal

Sharon Lynn Brunovsky, Notary Public City Of Bethlehem, Northampion County My Commission Expires Nov. 18, 2010 Harold Scholz

Date: 12-12-06

United States of America

State of PA

) ss.:

County of Northampton

On this 12th day of <u>December</u>, 20<u>06</u>, before me personally came *Harold Scholz*, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sharon Lynn Brunowsky Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Sharon Lynn Brunovsky, Notary Public City Of Bethlehem, Northampton County My Commission Expires Nov. 18, 2010

Lattice Semiconductor Corporation 5555 N.E. Moore Ct. Hillsboro, Oregon 97124-6421

PATENT REEL: 018765 FRAME: 0144

RECORDED: 01/08/2007