PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Carel J. Lombaard	03/05/2010
Eugene O'Sullivan	03/11/2010
Paul Walsh	03/11/2010

RECEIVING PARTY DATA

Name:	Cypress Semiconductor Corporation	
Street Address:	198 Champion Court	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95134	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12641121

CORRESPONDENCE DATA

 Fax Number:
 (408)545-6911

 Phone:
 408-943-6878

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 pbj@cypress.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Cypress Semiconductor Corporation

Address Line 1: 198 Champion Court

Address Line 4: San Jose, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	CD05030C1
NAME OF SUBMITTER:	Andrew J. Bateman

Total Attachments: 4

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PATENT REEL: 027384 FRAME: 0166 .H \$40.00 12641

501756257

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: CD05030C1
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, Carel J. Lombaard,	Eugene O'Sullivan, Paul Walsh
	the same that the same to the same the same to the sam
hereby sell, assign, and transfer to <u>Cypress Semiconduct</u>	tor Corporation
	of Doloworo
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	etc.)
having a principal place of business at 198 Champion Cou	
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision have a declaration executed by the undersigned prior hereto A PHASE LOCK LOOP PRE-CHARGING SYSTEM AND M	y and all inventions or improvements that nal) for the United States patent which may o or concurrently herewith and is entitled
said patent application also identified as follows (when know	wn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	Assignee to insert below the application nen known.]
United States Patent Application Number 12/641,121	filed12/17/2009,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, ree patent applications that have been or shall be filed in the Urany of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; are from the filing of said United States application;	ions, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other nited States and all foreign countries on riginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, a said Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will execuprovisional applications, utility applications, design applications, continued prosecution applications, continuate applications, renewal applications, reissue applications, reepatent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; communications, and representatives all facts known to the undersign improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent provements and for vesting title to said inventions or imprand all patents on said inventions or improvements, in said legal representatives; and	without charge to, but at the expense of, tatives, to carry out in good faith the intent ute all provisional applications, non-ions, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other vements; execute all rightful oaths, unicate to said Assignee, its successors, gned relating to said inventions or said Assignee, its successors, assigns, or protection for said inventions or provements, and all applications for patents

the

Rev. 2/18/2009

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor	: Please Sig	gn <u>and Date</u> Below:
Ubrol 5 Date	, 20 /0	tall
Date		y Signature
		Carel J. Lombaard
		Printed/Typed Name
	, 20	
Date		Signature
		Eugene O'Sullivan
		Printed/Typed Name
	, 20	
Date		Signature
		Paul Walsh
		Printed/Typed Name

Assignment Document Return Address: CYPRESS SEMICONDUCTOR CORPORATION 198 Champion Court San Jose, CA 95134 (408) 545-7194

SSIGNMENT OF PATENT APP	LICATION	Attorney Docket N	o.: CD05030C1
For good and valuable considera	ation, the receipt and	d sufficiency of which	is hereby
acknowledged, I/we, the undersigned, _	Carel J. Lombaard,	Eugene O'Sullivan, F	Paul Walsh
	£11, MM	5	
hereby sell, assign, and transfer toC	ypress Semiconduc	tor Corporation	
		- m.,	
a <u>corporation</u> (Type of Assignee: e.g., corporation, company,	partnership, university, e	of <u>Delaware</u> etc.)	L
having a principal place of business at	198 Champion Cou	rt, San Jose, Califorr	nia 95134-1709
("Assignee"), and its successors, assigned for the United States and all foreign course disclosed in the application (provision have a declaration executed by the und A PHASE LOCK LOOP PRE-CHARGII	intries, in and to any onal or non-provision ersigned prior heret	and all inventions or nal) for the United Sta o or concurrently her	improvements that ates patent which may
said patent application also identified as	s follows (when know	wn):	⁷
[I/we hereby authorize an attorr number and filing date of said p	ney or agent for said patent application wh	Assignee to insert been known.]	elow the application
United States Patent Application Numb	er <u>12/641,121</u>	filed_	12/17/2009 ,
and in and to said application (provision provisional applications, utility application applications, continued prosecution applications, renewal applications, reiss patent applications that have been or sany of said inventions or improvements reexamination certificates, and extensional foreign countries on said inventions from the filing of said United States appropriate that the said inventions are said inventions.	ons, design applications, continuations, continuations, continuations, reconding the Unit of the Unit	ions, divisional applic on-in-part application examinations, extensi nited States and all for riginal patents, reissu or shall be issued in	ations, continuation s, substitute ons, and all other oreign countries on ed patents, the United States and
agree that said Assignee may a improvements in its own name; and the said Assignee, its successors, assigns, and purpose of this Assignment, the urprovisional applications, utility applicational applications, utility applicational applications, renewal applications, reissipatent applications on any and all said assignments, powers of attorney, and assigns, and representatives all facts k improvements and the history thereof; representatives in securing and maintal improvements and for vesting title to said all patents on said inventions or implegal representatives; and	at, when requested, and legal represent dersigned will exectors, design applicated blications, continuations applications, regineentions or improve ther papers; commended generally assistant ining proper patent aid inventions or imparts and inventions or inven	without charge to, bu tatives, to carry out in ute all provisional applicions, divisional applicion-in-part application examinations, extensivements; execute all unicate to said Assigined relating to said assigned for said involvements, and all approvements, and all a	t at the expense of, a good faith the intent plications, non- cations, continuation as, substitute cons, and all other rightful oaths, nee, its successors, inventions or uccessors, assigns, or ventions or pplications for patents

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each I	nventor:	Pléase	Sian	and	Date	Below:
macn i	SIVERIICH.	r lease	JIUII	CHILL		

. 20	
Date	Signature
	Carel J. Lombaard
	Printed/Typed Name
11 March, 2010	Eugene O'Sullivan
Date	Signature
	Eugene O'Sullivan
4	Printed/Typed Name
11 March , 2010	Paul Wall
Date	Signature
	Paul Walsh
	Printed/Typed Name

Assignment Document Return Address: CYPRESS SEMICONDUCTOR CORPORATION 198 Champion Court San Jose, CA 95134 (408) 545-7194

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