PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Benjamim Tang	06/18/2008
Robert Carroll	12/30/2008
Scott Southwell	06/23/2008
Kenneth A. Ostrom	06/18/2008
Richard C. Pierson	06/18/2008

RECEIVING PARTY DATA

Name:	Primarion Corporation
Street Address:	2780 Skypark Drive
Internal Address:	Suite 100
City:	Torrance
State/Country:	CALIFORNIA
Postal Code:	90505

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12396975

CORRESPONDENCE DATA

500813507

Fax Number: (480)994-9025

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

Phone: 4809949888

Email: dnoblitt@ngtechlaw.com
Correspondent Name: The Noblitt Group, PLLC
Address Line 1: 4800 N. Scottsdale Road

Address Line 2: Suite 6000

Address Line 4: Scottsdale, ARIZONA 85251

ATTORNEY DOCKET NUMBER: 10057.5217

PATENT

REEL: 022430 FRAME: 0279

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NAME OF SUBMITTER: Daniel J. Noblitt

Total Attachments: 9

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PATENT REEL: 022430 FRAME: 0280

ASSIGNMENT

WHEREAS, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated below, is an inventor of "Active transient response circuits, system and method for digital multiphase pulse width modulated regulators" for which an application for Letters Patent of the United States has been filed on 12/19/2005, and assigned serial no. 11/311,115;

AND WHEREAS, Primarion Corporation (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at 2780 Skypark Drive, Suite 100 Torrance, California 90505 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign, and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document or right, and any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date written below by ASSIGNOR:

Inventor: _	<u>Benjamim Tar</u>	g		endre als hadder de della light of a la della de visual d'un de la della della della della della della della d	v 1-300 m Warreline (1-1-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
Signature:			The second secon	Makabahatan Milai Majar dan dan dan dan dan jahun dan dan jahun dan dan dan dan dan dan dan dan dan da	Date:	6/18/08
Residence :	address: 6°	144 Graves	pring Dr.	RPV, CA	902	7.5
STATE OF	California OF Los Anyele)				
COUNTY	OF Los Anjele	<u>)</u>) ss.				
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PATENT REEL: 022430 FRAME: 0283 **AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date written below by ASSIGNOR:

Inventor: Robert Carroll		
Signature:	Date: 12/30/08 Oaks Cane Andorer MA	
Residence address: 3 60/6en	Oaks Cane Andorer MA	01810
STATE OF MASSACHUSE #1.5 COUNTY OF ESSEY)		
county, appeared Robert Carroll, who is known subscribed to the foregoing instrument, and delivered the said instrument as a free and value.	2008, before me, a notary public in and for said own to me to be the same person whose name is s/he acknowledges that s/he signed, sealed and roluntary act for the uses and purposes therein set	
(Seal)	Notary Public Marianne Bradley Notary Public My Commission Expires April 18, 2014 Semmeowselfth of Massechusetts	

Page 2 of 2

Inventor: <u>I</u>	Robert Carro	11	The state of the s	·		
Signature: _		el francisco de la contra del la co	***		Date	5 •
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STATE OF COUNTY O	F) ss.)			W	
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(Seal)				Notar	y Public	
Inventor: _S			etermologica policy	1 N.V works Angeles		
Signature: _		-			Date	6/23/04
Residence ac	ldress:	4341	Dogwa	od Ave	, Seal Bea	: 6/23/08 achy (A
STATE OF _	California F los Any) ss.				
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State of California County of Los Anseles before me, Cabai Ch A. Seald, With Sublaction (insert name and title of the officer) personally appeared Scott South well who proved to me on the basis of satisfactory evidence to be the person(a) whose name(a) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), 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. GABRIELA R. SERPA Commission # 1520408 WITNESS my hand and official seal. Notary Public - California Los Angeles County My Comm. Expires Oct 18, 2008 (Seal)

ACKNOWLEDGMENT

Inventor: Kenneth A. Ostrom
Signature:
Residence address: 2009 VIA CAMPILLO PALOS VORDOS CA 9-274
STATE OF California) COUNTY OF Los Angers) ss.
On this
Inventor: Richard C. Pierson
Signature:
Residence address: 4810 Park Newport #312, Newport Beach, CA 92660
STATE OFCALIFOLIUM) COUNTY OFCOS Augeto) SS.
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ACKNOWLEDGMENT

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ACKNOWLEDGMENT

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I certify under PENALTY OF PERJURY under the paragraph is true and correct.	laws of the State of California that the foregoing
WITNESS my hand and official seal. Signature	GABRIELA R. SERPA Commission # 1520408 Notary Public - California Los Angeles County My Comm. Expires Oct 18, 2008
Signature	(Seal)

RECORDED: 03/20/2009