

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Optichron, Inc.	06/27/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	NetLogic Microsystems, Inc.
<b>Street Address:</b>	3975 Freedom Circle, 9th Floor
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054

**PROPERTY NUMBERS Total: 31**

Property Type	Number
Patent Number:	6856191
Patent Number:	7154328
Patent Number:	7358798
Patent Number:	6999510
Patent Number:	7436883
Patent Number:	7369658
Patent Number:	6885323
Patent Number:	7002495
Patent Number:	7446682
Patent Number:	7613759
Patent Number:	7142137
Patent Number:	7394413
Patent Number:	7199736
Patent Number:	7397404
Patent Number:	7429892

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Patent Number:	7460916
Patent Number:	7689297
Application Number:	11897941
Patent Number:	7693672
Application Number:	12008709
Patent Number:	7602321
Patent Number:	7917337
Application Number:	12154157
Application Number:	12152843
Application Number:	11881821
Patent Number:	7869550
Patent Number:	7688235
Application Number:	12286733
Application Number:	12455952
Patent Number:	7688139
Application Number:	12658498

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NAME OF SUBMITTER:	Diana Y. Fu
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Total Attachments: 8  
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## PATENT ASSIGNMENT

Optichron, Inc., a Delaware corporation having a place of business at 3975 Freedom Cir., Ste. 900, Santa Clara, CA 95054 (the "ASSIGNOR"), certifies that to the best of the ASSIGNOR's knowledge and belief it is the sole assignee of the Patents and Patent Applications listed on the attached Exhibit A ("Assigned Patents").

The ASSIGNOR hereby:

- 1) Assigns and transfers to NetLogic Microsystems, Inc., a Delaware corporation having a place of business at 3975 Freedom Cir., Ste. 900, Santa Clara, CA 95054 (the "ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and patent(s) (including foreign patents) granted upon the information which is disclosed in the Assigned Patents and/or in any provisional application(s) to which the Assigned Patents claim priority, including without limitation any and all rights to sue for past infringement and to recover damages for any and all past infringement.
- 2) Authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue any and all Letters Patents and equivalents in the United States or in any foreign country resulting from patent applications claiming priority to or otherwise related to the Assigned Patents including any divisional(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.

Signed on the date(s) indicated beside my (our) signature(s).

ASSIGNOR:

By

  
Roland Cortes

\_\_\_\_\_  
Corporate Secretary of Optichron, Inc.

June 27, 2011  
Date

## Exhibit A

<u>Docket No.</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Country</u>	<u>Title</u>
OPTIP001	10/372,638	February 21, 2003	6,856,191	February 15, 2005	US	NONLINEAR FILTER
OPTIP001C1	11/033,344	January 7, 2005	7,154,328	December 26, 2006	US	NONLINEAR FILTER
OPTIP001C2	11/036,662	January 14, 2005	7,358,798	April 15, 2008	US	NONLINEAR FILTER
OPTIP001CN	200380109853.9	August 19, 2005	ZL200380109853.9	September 23, 2009	CN	NONLINEAR FILTER
OPTIP001EP	03796695.9	August 10, 2005	N/A	N/A	EPO	NONLINEAR FILTER
OPTIP001JP	2004-568860	August 19, 2005	N/A	N/A	JP	NONLINEAR FILTER
OPTIP001PCT	PCT/US03/038697	December 5, 2003	N/A	N/A	WO	NONLINEAR FILTER
OPTIP002	10/418,944	April 18, 2003	6,999,510	February 14, 2006	US	NONLINEAR INVERSION
OPTIP002C1	11/255,587	October 20, 2005	7,436,883	October 14, 2008	US	NONLINEAR INVERSION
OPTIP002PCT	PCT/US04/08389	March 18, 2004	N/A	N/A	WO	NONLINEAR INVERSION
OPTIP003	10/429,271	May 2, 2003	7,369,658	May 6, 2008	US	SECURE MODULATION AND DEMODULATION
OPTIP003C1	12/008,709	January 10, 2008	N/A	N/A	US	SECURE MODULATION AND DEMODULATION
OPTIP003PCT	PCT/US04/08390	March 18, 2004	N/A	N/A	WO	SECURE MODULATION AND DEMODULATION
OPTIP005	10/641,332	August 14, 2003	6,885,323	April 26, 2005	US	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP005C1	11/031,609	January 5, 2005	7,002,495	February 21, 2006	US	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP005C2	11/293,416	December 2, 2005	7,446,682	November 4, 2008	US	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP005CN	200480017969.4	December 26, 2005	ZL200480017969.4	September 9, 2009	CN	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP005EP	04751641.4	January 13,	N/A	N/A	EPO	ANALOG TO

		2006					
OPTIP005JP	2006-517106	December 15, 2005	N/A	N/A	JP	DIGITAL CONVERTER WITH DISTORTION CORRECTION	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP005PCT	PCT/US04/014340	May 6, 2004	N/A	N/A	WO	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION	ANALOG TO DIGITAL CONVERTER WITH DISTORTION CORRECTION
OPTIP006	11/061,850	February 18, 2005	7,613,759	November 3, 2009	US	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006AU	2005236798	September 18, 2006	2005236798	May 17, 2010	AU	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006CA	2,560,043	September 15, 2006	N/A	N/A	CA	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006CN	200580016131.8	November 20, 2006	ZL200580016131.8	June 2, 2010	CN	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006EP	05723316.5	September 15, 2006	N/A	N/A	EPO	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006IN	5456/DELNP/2006	September 20, 2006	N/A	N/A	IN	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006JP	2007-504964	September 22, 2006	N/A	N/A	JP	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006KR	10-2006-7019827	September 25, 2006	N/A	N/A	KR	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP006PCT	PCT/US05/05275	February 18, 2005	N/A	N/A	WO	LOW-COMPLEXITY NONLINEAR FILTERS	LOW-COMPLEXITY NONLINEAR FILTERS
OPTIP007	11/090,931	March 24, 2005	7,142,137	November 28, 2006	US	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER
OPTIP007AU	2005228167	September 19, 2006	2005228167	September 16, 2010	AU	REDUCED COMPLEXITY NONLINEAR	REDUCED COMPLEXITY NONLINEAR

OPTIP007C1	11/580,463	October 13, 2006	7,394,413	July 1, 2008	US	FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007CA	2,560,586	September 19, 2006	N/A	N/A	CA	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007CN	200580016129.0	November 15, 2006	ZL200580016129.0	December 29, 2010	CN	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007EP	05726128.1	September 19, 2006	N/A	N/A	EPO	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007IN	5518/DELNP/2006	September 22, 2006	N/A	N/A	IN	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007JP	2007-505203	September 25, 2006	N/A	N/A	JP	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP007KR	10-2006-7022216	October 25, 2006	N/A	N/A	KR	REDUCED COMPLEXITY

OPTIP007PCT	PCT/US05/009938	March 24, 2005	N/A	N/A	WO	NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP008	11/091,014	March 24, 2005	7,199,736	April 3, 2007	US	REDUCED COMPLEXITY NONLINEAR FILTERS FOR ANALOG-TO-DIGITAL CONVERTER LINEARIZATION
OPTIP008AU	2005228155	September 20, 2006	2005228155	October 7, 2010	AU	DIGITAL LINEARIZING SYSTEM
OPTIP008C1	11/544,464	October 6, 2006	7,397,404	July 8, 2008	US	DIGITAL LINEARIZING SYSTEM
OPTIP008CA	2,560,568	September 19, 2006	N/A	N/A	CA	DIGITAL LINEARIZING SYSTEM
OPTIP008CN	200580016127.1	November 20, 2006	ZL200580016127.1	June 16, 2010	CN	DIGITAL LINEARIZING SYSTEM
OPTIP008EP	05731471.8	September 19, 2006	N/A	N/A	EPO	DIGITAL LINEARIZING SYSTEM
OPTIP008IN	5513/DELNP/2006	September 22, 2006	N/A	N/A	IN	DIGITAL LINEARIZING SYSTEM
OPTIP008JP	2007-505188	September 25, 2006	4621245	November 5, 2010	JP	DIGITAL LINEARIZING SYSTEM
OPTIP008KR	10-2006-7022226	October 25, 2006	N/A	N/A	KR	DIGITAL LINEARIZING SYSTEM
OPTIP008PCT	PCT/US05/09889	March 24, 2005	N/A	N/A	WO	DIGITAL LINEARIZING SYSTEM
OPTIP009	11/091,022	March 24, 2005	7,429,892	September 30, 2008	US	MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009AU	2005228156	September 19, 2006	2005228156	November 4, 2010	AU	MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009CA	2560281	September 18, 2006	N/A	N/A	CA	MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009CN	200580016101.7	November 20,	ZL200580016101.7	May 5, 2010	CN	MODEL BASED

		2006					DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009EP	05731473.4	September 19, 2006	N/A	N/A	EPO		MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009IN	5520/DELNP/2006	September 22, 2006	N/A	N/A	IN		MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009JP	2007-505189	September 22, 2006	N/A	N/A	JP		MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009KR	10-2006-7022218	October 25, 2006	N/A	N/A	KR		MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP009PCT	PCT/US05/09890	March 24, 2005	N/A	N/A	WO		MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP010	11/246,914	October 7, 2005	7,460,916	December 2, 2008	US		NONLINEAR SYSTEM OBSERVATION AND CONTROL
OPTIP010C1	12/288,783	October 22, 2008	7,689,297	March 30, 2010	US		NONLINEAR SYSTEM OBSERVATION AND CONTROL
OPTIP010PCT	PCT/US05/36351	October 7, 2005	N/A	N/A	WO		NONLINEAR SYSTEM OBSERVATION AND CONTROL
OPTIP011	11/897,941	August 31, 2007	N/A	N/A	US		LOW POWER AND LOW COMPLEXITY ADAPTIVE SELF- LINEARIZATIO N
OPTIP011PCT	PCT/US07/20850	September 27, 2007	N/A	N/A	WO		LOW POWER AND LOW COMPLEXITY ADAPTIVE SELF- LINEARIZATIO N
OPTIP012	11/728,731	March 26, 2007	7,693,672	April 6, 2010	US		ADAPTIVE SELF- LINEARIZATIO N
OPTIP012CN	200780036052.2	March 27, 2009	N/A	N/A	CN		ADAPTIVE SELF- LINEARIZATIO N
OPTIP012EP	07838913.7	March 16, 2009	N/A	N/A	EPO		ADAPTIVE SELF-



OPTIP012PCT	PCT/US07/020820	September 27, 2007	N/A	N/A	WO	LINEARIZATION ADAPTIVE SELF-LINEARIZATION
OPTIP013	11/904,613	September 27, 2007	7,602,321	October 13, 2009	US	ADAPTIVE COMPOSITE ANALOG TO DIGITAL CONVERTER
OPTIP013PCT	PCT/US07/20910	September 28, 2007	N/A	N/A	WO	ADAPTIVE COMPOSITE ANALOG TO DIGITAL CONVERTER
OPTIP014	11/728,725	March 26, 2007	7,917,337	March 29, 2011	US	ADAPTIVE SELF-LINEARIZATION WITH SEPARATION FILTER
OPTIP015	12/154,157	May 19, 2008	N/A	N/A	US	DISTORTION CANCELLATION USING ADAPTIVE LINEARIZATION
OPTIP015PCT	PCT/US08/06424	May 19, 2008	N/A	N/A	WO	DISTORTION CANCELLATION USING ADAPTIVE LINEARIZATION
OPTIP016	12/152,843	May 16, 2008	N/A	N/A	US	LOW-POWER AND LOW-COST ADAPTIVE SELF-LINEARIZATION SYSTEM WITH FAST CONVERGENCE
OPTIP016PCT	PCT/US08/006433	May 19, 2008	N/A	N/A	WO	LOW-POWER AND LOW-COST ADAPTIVE SELF-LINEARIZATION SYSTEM WITH FAST CONVERGENCE
OPTIP017	11/881,821	July 27, 2007	N/A	N/A	US	CREST FACTOR REDUCTION
OPTIP017PCT	PCT/US08/006347	May 16, 2008	N/A	N/A	WO	CREST FACTOR REDUCTION
OPTIP018	11/897,932	August 31, 2007	7,869,550	January 11, 2011	US	NONLINEAR DIGITAL SIGNAL PROCESSOR
OPTIP019	11/904,614	September 27, 2007	7,688,235	March 30, 2010	US	COMPOSITE ANALOG TO DIGITAL RECEIVER

OPTIP019PCT	PCT/US07/20915	September 28, 2007	N/A	N/A	WO	WITH ADAPTIVE SELF-LINEARIZATION
OPTIP020	12/286,733	September 30, 2008	N/A	N/A	US	ADAPTIVE SELF-LINEARIZATION SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP020CN	200880114456.3	April 30, 2010	N/A	N/A	CN	SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP020EP	08836359.3	April 27, 2010	N/A	N/A	EPO	SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP020HK	11101685.5	February 21, 2011	N/A	N/A	HK	SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP020PCT	PCT/US08/011334	September 30, 2008	N/A	N/A	WO	SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP022	12/455,952	June 9, 2009	N/A	N/A	US	SYSTEM AND METHOD FOR ADAPTIVE NONLINEAR FILTERING
OPTIP022CN	200980131211.6	February 11, 2011	N/A	N/A	CN	CREST FACTOR REDUCTION WITH PHASE OPTIMIZATION
OPTIP022EP	09762875.4	June 9, 2009	N/A	N/A	EPO	CREST FACTOR REDUCTION WITH PHASE OPTIMIZATION
OPTIP022PCT	PCT/US09/03470	June 9, 2009	N/A	N/A	WO	CREST FACTOR REDUCTION WITH PHASE OPTIMIZATION
OPTIP023	12/218,032	July 9, 2008	7,688,139	March 30, 2010	US	MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS
OPTIP023C1	12/658,498	February 9, 2010	N/A	N/A	US	MODEL BASED DISTORTION REDUCTION FOR POWER AMPLIFIERS