#### 502490272 09/10/2013

#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Joseph SHOR	08/27/2013
George L. GEANNOPOULOS	08/27/2013
Fabrice PAILLET	08/27/2013
Lan D. VU	08/28/2013
Oleg DADASHEV	09/08/2013

#### **RECEIVING PARTY DATA**

Name:	Intel Corporation
Street Address:	2200 Mission College Boulevard
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

#### PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2013058751

## **CORRESPONDENCE DATA**

**Fax Number**: 4087208383

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

Phone: 4087208300

Email: emily\_wolford@bstz.com

Correspondent Name: Blakely, Sokoloff, Taylor & Zafman LLP

Address Line 1: 1279 Oakmead Parkway

Address Line 4: Sunnyvale, CALIFORNIA 94085-4040

Signature:	/Usman A. Mughal/	PATENT
NAME OF SUBMITTER:	Usman A. Mughal, Reg. No. 62,887	
ATTORNEY DOCKET NUMBER:	42P58238PCT	

502490272 REEL: 031178 FRAME: 0466

US201305875

CH \$40 00

Date:	09/10/2013
Total Attachments: 6 source=42P58238PCT_Assignment_AsFiled source=42P58238PCT_Assignment_AsFiled source=42P58238PCT_Assignment_AsFiled source=42P58238PCT_Assignment_AsFiled source=42P58238PCT_Assignment_AsFiled source=42P58238PCT_Assignment_AsFiled	d#page2.tif d#page3.tif d#page4.tif d#page5.tif

Attorney's Docket No.: 42P58238PCT

# **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

### Joseph SHOR; George L. GEANNOPOULOS; Fabrice PAILLET; Lan D. VU; Oleg DADASHEV

hereby sell, assign, and transfer to

#### **Intel Corporation**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

## BANDGAP REFERENCE CIRCUIT WITH LOW IMPEDANCE OUTPUT STAGE AND SELF-POWER-ON-DETECT

(I hereby authorize and request my attorney, associated with customer number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	September	09, 2013	_ as	
International Applic	ation Number _	PCT/US2	013/058751	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P58238PCT Page 1 of 2

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 Sign and Dat	e Below:
29 - 8 - 29(3	
Date	Same: Joseph SHOR
Bate:	Name: George L. GEANNOPOULOS
Date:	Name: Fabrice PAILLET
Date	Name: Lan D. VU
SON ON	
Date	Name: Oleg DADASHEV
Date	Name:
Freez	3 800 900
Date	Name;
	Name:
inasu.	1603.07
Date	Name;
*Mark	Singin,
Date	Name:
Date	Name:
Date	Name;
Market Comment of the	and the second of the second o

Assignment Document Return Address: Bukery, Soxotom, Twook & Zaman LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone: (503) 439-8778

42P58238PCT

Page 2 of 2

Attorney's Docket No.: 42P58238PCT

# **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

### Joseph SHOR; George L. GEANNOPOULOS; Fabrice PAILLET; Lan D. VU; Oleg DADASHEV

hereby sell, assign, and transfer to

#### **Intel Corporation**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

## BANDGAP REFERENCE CIRCUIT WITH LOW IMPEDANCE OUTPUT STAGE AND SELF-POWER-ON-DETECT

(I hereby authorize and request my attorney, associated with customer number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on _	September	09, 2013	as	
International Applica	ition Number .	PCT/US20	13/058751	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P58238PCT Page 1 of 2

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 Sign and Date Below:

Oate:	Name: <b>Joseph SHOR</b>
08/27/2013	Legent demogration
Date	Name: George L. GEANNOPOULOS
08/27/2013	The state of the s
Date	Name: Fabrice PAILLET
<u> </u>	
Date	Name: Lan D. VU
Date	Name: Oleg DADASHEV
Oate	Name:
Date	Name:
	Neme:

Assignment Document Return Address: BLASSIN, SOKOLOSE, TRAIDE & ZASMAN LLP 1279 Oakmead Parkway Sunnyvale, CA: 94085-4040

Telephone: (503) 439-8778

Attorney's Docket No.: 42P58238PCT

# **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

### Joseph SHOR; George L. GEANNOPOULOS; Fabrice PAILLET; Lan D. VU; Oleg DADASHEV

hereby sell, assign, and transfer to

#### **Intel Corporation**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

## BANDGAP REFERENCE CIRCUIT WITH LOW IMPEDANCE OUTPUT STAGE AND SELF-POWER-ON-DETECT

(I hereby authorize and request my attorney, associated with customer number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	September	09, 2013	_ as	
International Applic	ation Number _	PCT/US2	013/058751	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

42P58238PCT Page 1 of 2

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.

Date	Name: Joseph SHOR
Date	Name: George L. GEANNOPOULOS
Date	Name: Fabrice PAILLET
Date:	Name: Lan D. VU
08/09/2 Date	Name: Oleg DADASHEV
Date	Name;
Date	Name:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone: (503) 439-8778

42P58238PCT Page 2 of 2

Name:

Date