# 502690322 02/21/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2736927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HONG W. WONG	12/03/2013
WAH YIU KWONG	12/03/2013
YANBING SUN	12/05/2013
XIAOGUO LIANG	12/06/2013
RITA H. WOUHAYBI	12/03/2013
KANNAN G. RAJA	12/03/2013
PROSENJIT GHOSH	12/11/2013

### **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
Application Number:	14127201

#### **CORRESPONDENCE DATA**

Fax Number: (703)766-3644 Phone: 7037663777

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

Correspondent Name: KED & ASSOCIATES, LLP

Address Line 1: P.O. BOX 8638

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER: | 1-204

PATENT REEL: 032268 FRAME: 0983

502690322

NAME OF SUBMITTER:	DAVID C. OREN
Signature:	//DAVID C. OREN//
Date:	02/21/2014
Total Attachments: 8 source=i-204-assign#page1.tif source=i-204-assign#page3.tif source=i-204-assign#page3.tif source=i-204-assign#page4.tif source=i-204-assign#page5.tif source=i-204-assign#page6.tif source=i-204-assign#page7.tif source=i-204-assign#page8.tif	

# **ASSIGNMENT**

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

Hong W. WONG; Wah Yiu KWONG; Yanbing SUN; Xiaoguo LIANG; Rita H. WOUHAYBI; Kannan G. RAJA; and Prosenjit GHOSH

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:

## ELECTRONIC DEVICE HAVING EXPANDABLE SPEAKER BOX

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 18, 2013	a
U.S. Application Nu	umber: 14/127,201 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

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.

Hong W. Wong	Dec 3, 2013
Hong W. WONG	Date Signed
Wah Yiu KWONG	Date Signed
Yanbing SUN	Date Signed
Xiaoguo LIANG	Date Signed
Rita H. WOUHAYBI	Date Signed
Kannan G. RAJA	Date Signed
Prosenjit GHOSH	Date Signed

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Wah Yin KWONG	12/3//3 Daté Signed
Yanbing SUN	Date Signed
Xiaoguo LIANG	Date Signed
Rita H. WOUHAYBI	Date Signed
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Hong W. WONG	Date Signed
Wah Yiu KWONG	Date Signed
Janping Sun	2013, 12.5. Date Signed
Yanbing SUN	Date Signed
Xiaoguo LIANG	
	Date Signed
Rita H. WOUHAYBI	Date Signed
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Yanbing SUN	Date Signed
Xiaoguo LIANG	Date Signed
Rita H. WOUHAYBI	Dec 3, 2013 Date Signed
Kannan G. RAJA	Date Signed
Prosenjit GHOSH	Date Signed

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Wah Yiu KWONG	Date Signed
Yanbing SUN	Date Signed
Xiaoguo LIANG	Date Signed
Rita H. WOUHAYBI	Date Signed
Kannan G. RAJA	Dec. 03,2013.  Date Signed
Prosenjit GHOSH	Date Signed

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Wah Yiu KWONG	Date Signed
Yanbing SUN	Date Signed
Xiaoguo LIANG	Date Signed
Rita H. WOUHAYBI	Date Signed
Kannan G. RAJA	Date Signed
Prosenjit GHOSH	11 Dec 2013 Date Signed

PATENT REEL: 032268 FRAME: 0992

RECORDED: 02/21/2014