

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6534585

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MD ALTAF HOSSAIN	11/12/2012
SCOTT A. GILBERT	11/13/2012
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:	16372268
CORRESPONDENCE DATA	
Fax Number:	(503)796-2900
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(503) 222-9981
Email:	lpuccinelli@schwabe.com
Correspondent Name:	JUSTIN K. BRASK
Address Line 1:	1211 SW 5TH AVENUE, STE. 1600
Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	P40745-D1
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	02/04/2021
Total Attachments: 4	
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ASSIGNMENT

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

MD Altaf Hossain and Scott A. Gilbert

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, 95052 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application (provisional or nonprovisional) for the United States patent entitled:

BGA STRUCTURE USING CTF BALLS IN HIGH STRESS REGIONS

the Declaration for which, in the case of a nonprovisional, has been executed by the undersigned prior hereto or concurrently herewith, said patent application which can also be identified as follows (if necessary):


(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.)

United States Patent Application Number 13/631,683 filed on September 28, 2012

and in and to said application (nonprovisional or provisional) and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all nonprovisional applications claiming priority to said application, and all other patent applications that have been or shall be filed in the United States and all foreign countries 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 foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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

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 <u>and Date</u> below	
 _____ MD Altaf Hossain	<u>11/12/2012</u> _____ (Today's Date)
_____ Scott A. Gilbert	_____ (Today's Date)

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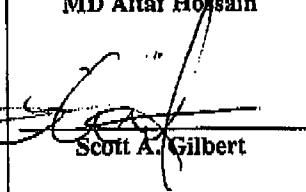
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agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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

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 <u>Date</u> below	
<hr/> MD Altaf Hossain	<hr/> (Today's Date)
 <hr/> Scott A. Gilbert	<hr/> 13-nov-2012 (Today's Date)