PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4185835

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAHESH S. NATU	12/07/2016
WEI CHEN	12/07/2016
JING LING	12/08/2016
JAMES E. MCCORMICK JR.	12/08/2016

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:	15378878

CORRESPONDENCE DATA

Fax Number: (202)683-6783

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.

Phone: 202-683-9317

Email: admin3@jordaniplaw.com
Correspondent Name: JORDAN IP LAW, LLC

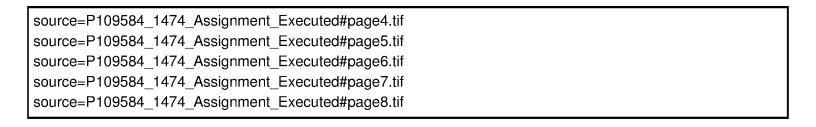
Address Line 1:12501 PROSPERITY DRIVE, SUITE 401Address Line 4:SILVER SPRING, MARYLAND 20904

ATTORNEY DOCKET NUMBER:	P109584
NAME OF SUBMITTER:	B. DELANO JORDAN
SIGNATURE:	/B. Delano Jordan/
DATE SIGNED:	12/14/2016

Total Attachments: 8

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PATENT 504145989 REEL: 040736 FRAME: 0899



PATENT REEL: 040736 FRAME: 0900

ASSIGNMENT

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

Mahesh S. Natu; Wei Chen; Jing Ling; James E. McCormick Jr.

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:

BOOT PROCESS WITH PARALLEL MEMORY INITIALIZATION

designated lines below, the filing date and a	plication number of said application when known.)
which was filed on	
	Application Numberand
COUNTRY or International Office	

A harder authorize and recreek any attender having appropriate authority from the anions, to insert up the

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

Page 1 of 2

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

		December	7, 20,6
Mahe	esh S. Natu	Date signed	
	v.		
Wei	Chen	Date signed	
Jing .	Ling	Date signed	
Jame	s E. McCormick Jr.	Date signed	

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which was filed on	**************************************		as	
US COUNTRY or Int	ernational Office	Application Number		and

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Page 1 of 2

PATENT REEL: 040736 FRAME: 0903

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

Mahesh S. Natu	Date signed
<u>Cleew</u>	12/7/2016
Wei Chen	Date signed
Jing Ling	Date signed
James E. McCormick Jr.	Date signed

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which was file	d on	as	
***************************************	US	Application Number	and
COUNTRY	or International	Office	
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Mahesh S. Natu	Date signed
Wei Chen	Date signed
	12/8/2016
Jing Ling	Date signed
James E. McCormick Jr.	Date signed

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which was filed on	388	
US COUNTRY or International Office	Application Numberand	

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

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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

Mahesh S. Natu	Date signed
Wei Chen	Date signed
Jing Ling Some English John English John English Jing Ling	Date signed (2/8/20/6
James E. McCormick Jr.	Date signed