#### 504159851 12/30/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4206526

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BAHAA FAHIM	12/16/2016
ASHOK JAGANNATHAN	12/14/2016
JEFFERY D. CHAMBERLAIN	12/30/2016
SAMUEL D. STROM	12/30/2016

#### **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:	15396174

#### CORRESPONDENCE DATA

Fax Number: (408)675-0442

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.

408-675-0441 Phone:

Email: heather@ndwe.com

NICHOLSON DE VOS WEBSTER & ELLIOTT LLP **Correspondent Name:** 

217 HIGH STREET Address Line 1:

Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	42P107816
NAME OF SUBMITTER:	WEI-JUN SHIEH
SIGNATURE:	/Wei-Jun Shieh/
DATE SIGNED:	12/30/2016

#### **Total Attachments: 8**

source=42P107816 Assignment signed#page1.tif source=42P107816 Assignment signed#page2.tif source=42P107816\_Assignment\_signed#page3.tif

> **PATENT** REEL: 041228 FRAME: 0945 504159851



PATENT REEL: 041228 FRAME: 0946

## ASSIGNMENT

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

## BAHAA FAHIM; ASHOK JAGANNATHAN; JEFFERY D. CHAMBERLAIN; SAMUEL D. STROM

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:

### OPTIMIZED CACHING AGENT WITH INTEGRATED DIRECTORY CACHE

designated lines below, the	filing date and application	number of said ap	plication when k	nown.)
which was filed on	December 30, 201	16	38	

(I hereby authorize and request my attorney, associated with customer number 131413, to insert on the

which was filed on		r 30, 2016	
COUNTRY or In	hamatianal Offica	Application Number	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

Page 1 of 2

the history thereof, and generally assist said Assignee, its successors, assigns, or legal representatives in securing and thaintaining 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.

Britan Sair	Q1/4/2016
Bahaa Fahim	Date signed
Ashok Jagannathan	Date signed
Jeffery D. Chamberlain	Date signed
Samuel D. Strom	Date signed

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which was filed on _	December 30, 2016 as
US COUNTRY or Inter	Application Number <u>15/396,174</u> and national Office

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Page 1 of 2

PATENT REEL: 041228 FRAME: 0949

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Bahaa Fahim	Date signed
\documents\document\d	N- DEC 266
Ashok Jagannathan	Date signed
Jeffery D. Chamberlain	Date signed
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Bahaa Fahim	Date signed
	3
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	12/35/4
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4	12/30/16
/Samuel D. Strom	Date signed