504389901 05/31/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRAVEEN KUMAR	05/30/2017
BIJENDRA SINGH	05/18/2017
SAKU LAHTI	05/24/2017
SEPPO VESAMAKI	05/17/2017
MARKO BONDEN	05/17/2017

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:	15609144

CORRESPONDENCE DATA

Fax Number:

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: 216-502-0600

Email: docketing@eschweilerlaw.com **Correspondent Name:** ESCHWEILER & POTASHNIK, LLC

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Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	INTP485US
NAME OF SUBMITTER:	JENNIFER N. HINTON
SIGNATURE:	/Jennifer N. Hinton/
DATE SIGNED:	05/31/2017

Total Attachments: 6

PATENT REEL: 042538 FRAME: 0334

PATENT REEL: 042538 FRAME: 0335

ASSIGNMENT

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

Praveen Kumar; Bijendra Singh; Saku Lahti; Seppo Vesamaki; & Marko Bonden

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:

DUAL PURPOSE HEAT PIPE AND ANTENNA APPARATUS

	which was filed on	as
اد.		Application Number
nd	COUNTRY or International Of	fice
hich I	has been executed by the undersign	ned prior hereto or concurrently herewith on the date(s) indicate

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;

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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

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.

30-MAY-2019

Inventor 1 Prayeen Kumar Date signed

Inventor 2 Bijendra Singh

05-18-2-17 Date signed

Inventor 3 Saku Lahti

Date signed

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17,05,2017

Date signed

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Date signed

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Inventor 5 Marko Bonden

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