

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6044783

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VISHAL SINHA	06/28/2018
PAUL DIEFENBAUGH	04/12/1992
TODD WITTER	06/26/2018
JASON TANNER	06/26/2018
ARTHUR RUNYAN	07/10/2018
NAUSHEEN ANSARI	06/27/2018
KATHY BUI	03/07/2019
YIFAN LI	06/28/2018
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:	16024587
CORRESPONDENCE DATA	
Fax Number:	(801)566-0750
<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:	801-566-6633
Email:	valentine@tnw.com
Correspondent Name:	DAVID W. OSBORNE
Address Line 1:	8180 SOUTH 700 EAST, SUITE 350
Address Line 2:	THORPE NORTH & WESTERN, LLP
Address Line 4:	SANDY, UTAH 84070
ATTORNEY DOCKET NUMBER:	AA5168-US
NAME OF SUBMITTER:	DAVID W. OSBORNE
SIGNATURE:	/David W. Osborne/

PATENT

DATE SIGNED:	04/02/2020
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Total Attachments: 8

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ASSIGNMENT

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

**VISHAL SINHA; PAUL DIEFENBAUGH; TODD WITTER; JASON TANNER;
ARTHUR RUNYAN; NAUSHEEN ANSARI; KATHY BUI; YIFAN LI**

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:

DYNAMIC SLEEP FOR A DISPLAY PANEL

(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 June 29, 2018 as
United States Application Number 16/024,587 and
COUNTRY or International Office


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;

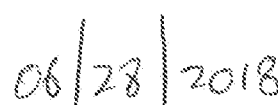
and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent 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 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.



Vishal Sinha



Date signed

Paul Diefenbaugh

Date signed

Todd Witter

Date signed

Jason Tanner

Date signed

Arthur Runyan

Date signed

Nausheen Ansari

Date signed

Kathy Bui

Date signed

Yifan Li

Date signed

Digfenbaugh
10060109

EMPLOYEE AGREEMENT

In exchange for being employed by Intel Corporation, its subsidiaries, affiliates, or successors (hereinafter "INTEL"), I agree that:

1. While working for INTEL: I will perform my assigned duties and comply with all INTEL policies, procedures, guidelines, rules and instructions including Intel's Business Code of Conduct.
2. Without additional compensation, I will promptly disclose and, to the full extent allowed by law, assign to INTEL all rights to which I may be entitled with respect to designs, trademarks, copyrights, maskworks, discoveries, formulae, processes, manufacturing techniques, trade secrets, inventions, improvements, ideas or copyrightable works: (i) relating to INTEL's business, whether or not developed during normal working hours; or (ii) which were developed with the use or aid of any INTEL equipment, supplies, or facilities; or (iii) which used any proprietary or confidential information of INTEL or proprietary or confidential information of a third party, access to which I obtained through INTEL.
3. I am not conveying rights in inventions I made prior to working for INTEL, which inventions have been identified as of my hire date in a written document which contains no confidential information. Furthermore, I am not required to assign any invention to INTEL where no INTEL equipment, supplies, facilities, or trade secret information was used and which was developed entirely on my own time and (a) which does not relate to (1) INTEL's business or (2) to INTEL's actual or demonstrably anticipated research or development, and (b) which does not result from my INTEL work.
4. At all times, both during and after my INTEL employment, I will do whatever is reasonably requested by INTEL, at INTEL's expense, to assist INTEL in obtaining and enforcing INTEL's rights throughout the world with respect to the assignments which I have made or am obligated to make to INTEL under this Agreement.
5. At all times, both during and after my employment by INTEL, I will hold in confidence and will not use (except for the benefit of INTEL) or disclose without INTEL's written authorization any information (technical or otherwise) I had access to or created during the period of my employment which pertains to any aspect of INTEL's business and is either unknown to actual or potential competitors of INTEL or is proprietary or confidential information of INTEL, its customers, or its suppliers, until such information either becomes generally known outside INTEL by legal means, or for the maximum period of time for maintaining trade secrets as permitted by law in the state in which I am employed, if such period is shorter. I agree not to make unauthorized copies of such confidential information and to return to INTEL upon my termination, or upon INTEL's request, all tangible forms of such confidential information including drawings, computerized data or programs, specifications, documents, devices, models, list of employees, or any other INTEL confidential material.
6. At all times I will treat confidential information of third parties to which I have had access during my employment by INTEL according to the terms of any agreement between INTEL and the third parties respecting such third party confidential information.
7. I represent that I have not brought and will not bring to INTEL or use in the performance of my duties at INTEL any proprietary or confidential information (whether or not in writing) of a former employer or third party without the employer's or third party's written authorization.
8. This Agreement (a) survives my employment by INTEL, (b) does not in any way restrict my right or the right of INTEL to terminate my employment at will, (c) inures to the benefit of successors and assigns of INTEL, and (d) is binding upon my heirs and legal representatives.
9. To the best of my information and belief, I am not a party to any other agreement which will interfere with my full compliance with this Agreement, except as specifically identified as of my hire date in a written document which contains no confidential information.
10. I certify and acknowledge that I have carefully read all of the provisions of this Agreement and that I understand and will fully and faithfully comply with such provisions.

INTEL
 By: *F. Thomas Dunlap Jr.*
 F. THOMAS DUNLAP JR.
 Vice President,
 General Counsel and Secretary

EMPLOYEE
 Signature: *Paul S. Digfenbaugh*
 Printed Name (please print clearly)
PAUL S. DIGFENBAUGH
 Social Security Number
 ([REDACTED])
 Date 4/12/92

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.

_____ Vishal Sinha	_____ Date signed
_____ Paul Diefenbaugh	_____ Date signed
 _____ Todd Witter	 _____ Date signed
 _____ Jason Tanner	 _____ Date signed
_____ Arthur Runyan	_____ Date signed
_____ Nausheen Ansari	_____ Date signed
_____ Kathy Bui	_____ Date signed
_____ Yifan Li	_____ Date signed

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.....  7/10/2018
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..... Kathy Bui Date signed
..... Yifan Li Date signed

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_____ Todd Witter	_____ Date signed
_____ Jason Tanner	_____ Date signed
_____ Arthur Runyan	_____ Date signed
_____  Nausheen Ansari	_____ 06/27/2018 Date signed
_____ Kathy Bui	_____ Date signed
_____ Yifan Li	_____ Date signed

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----- Todd Witter -----	----- Date signed -----
----- Jason Tanner -----	----- Date signed -----
----- Arthur Runyan -----	----- Date signed -----
----- Nausheen Ansari -----	----- Date signed -----
----- <i>KBui</i> -----	----- 3/7/19 -----
----- Kathy Bui -----	----- Date signed -----
----- Yifan Li -----	----- Date signed -----

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..... Nausheen Ansari Date signed
..... Kathy Bui Date signed
..... <i>Yifan Li</i> <i>06/28/2018</i>
..... Yifan Li Date signed