

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6147683

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNSOO KIM	05/04/2020
INJAE HWANG	05/04/2020
JESUN KIM	05/04/2020
JESSE A. RICHMOND	05/10/2020
JUNHUA TAN	04/30/2020
JIE WON RYU	05/04/2020
HYUNWOO NHO	05/04/2020
KINGSUK BRAHMA	06/01/2020
CHAOHAO WANG	05/02/2020
SHIPING SHEN	05/04/2020
MYUNGJOON CHOI	05/01/2020
MYUNG-JE CHO	05/04/2020
REBECCA PARK	05/07/2020
SUN-IL CHANG	04/21/2020

RECEIVING PARTY DATA

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Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16897206
Application Number:	62859613

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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.

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PATENT

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ATTORNEY DOCKET NUMBER:	P40163US1 (APPL:1004)
NAME OF SUBMITTER:	MATTHEW G. OSTERHAUS
SIGNATURE:	/Matthew G. Osterhaus/
DATE SIGNED:	06/10/2020

Total Attachments: 15

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **Apple Inc.** (the "Assignee"), a corporation of the State of California, having a place of business at **One Apple Park Way, Cupertino, CA 95014**, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "***Systems and Methods for Temperature-Based Parasitic Capacitance Variation Compensation***," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 73576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information

U.S. Provisional Application Serial No. 62/859,613, filed on June 10, 2019.

U.S. Non-Provisional Application Serial No. 16/897,206, filed on June 9, 2020.

International Application Serial No. _____, filed on _____.

Inventor 1:

(Signature): ^{/04 May}  ^{/04 May}
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Date: 04-May-2020

Inventor 2:

(Signature): Injae Hwang
Name: Injae Hwang


Date: 04-May-2020

Inventor 3:

(Signature): / *KIM JESUN* /
Name: **Jesun Kim**

Date: 04-May-2020

Inventor 4:

(Signature): //  //
Name: **Jesse A. Richmond**

Date: 10-May-2020

Inventor 5:

(Signature):

Name: Junhua Tan

Date:

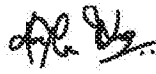
4/30/2020

Inventor 6:

(Signature): *Jie Won Ryu*
Name: Jie Won Ryu


Date: 04-May-2020

Inventor 8:

(Signature): /  /
Name: **Kingsuk Brahma**

Date: 01-Jun-2020


Inventor 9:

(Signature): 
Name: **Chaohao Wang**

Date: 02-May-2020


P40163US1/ APPL: 1004

Inventor 11:

(Signature): _____ /  / _____
Name: **Myungjoon Choi**

Date: 01-May-2020

Inventor 12:

(Signature):  /
Name: Myung-Je Cho

Date: 04-May-2020

Inventor 13:

(Signature): Rebecca Park
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Date: 07-May-2020

Inventor 14:

(Signature): 
Name: Sun-II Chang

Date: 04/21/2020