

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6006994

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLISON INOUYE	02/14/2020
JEAN-MARC GADY	02/13/2020
ISMAEL FLORES TRUJANO	02/13/2020
GREGORY GUILLAUME LESPINARD	02/24/2020
MI ZOU	02/11/2020
PO HUANG	02/17/2020
WESLEY BRYAN HAMM	02/17/2020
RUSSELL JOHN KAAIHUE HEIRAKUJI	02/15/2020
JOSHUA ROBERT EDWARDS	02/17/2020
NICHOLAS E. CORTI	02/17/2020
MANUEL DEJESUS	02/17/2020
ALICE MARLIN BRUGGER	02/12/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29713507

CORRESPONDENCE DATA

Fax Number: (202)371-2540

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PATENT

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NAME OF SUBMITTER:	DANIEL A. GAJEWSKI
SIGNATURE:	/Daniel A. Gajewski #64,515/
DATE SIGNED:	03/10/2020

Total Attachments: 18

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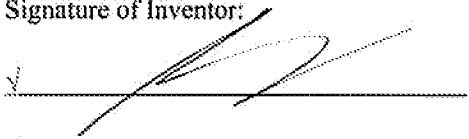
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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	<u>11/02/20</u>	<input checked="" type="checkbox"/> 	Allison INOUYE
2.	<u> / / </u>	<input checked="" type="checkbox"/> _____	Jean-Marc GADY
3.	<u> / / </u>	<input checked="" type="checkbox"/> _____	Ismael FLORES TRUJANO
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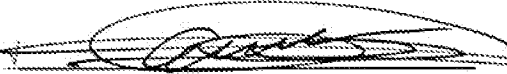
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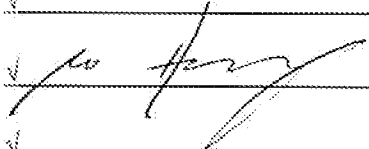
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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	<u> / / </u>	<u>✓</u>	Allison INOUYE
2.	<u> / / </u>	<u>✓</u>	Jean-Marc GADY
3.	<u> / / </u>	<u>✓</u>	Ismael FLORES TRUJANO
4.	<u> / / </u>	<u>✓</u>	Gregory Guillaume LESPINARD
5.	<u> / / </u>	<u>✓</u>	Mi ZOU
6.	<u>2/17/2020</u>	<u>✓ </u>	Po HUANG
7.	<u> / / </u>	<u>✓</u>	Wesley Bryan HAMM
8.	<u> / / </u>	<u>✓</u>	Russell John Kaaihue HEIRAKUJI
9.	<u> / / </u>	<u>✓</u>	Joshua Robert EDWARDS
10.	<u> / / </u>	<u>✓</u>	Nicholas E. CORTI
11.	<u> / / </u>	<u>✓</u>	Manuel DEJESUS
12.	<u> / / </u>	<u>✓</u>	Alice Marlin BRUGGER

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Allison INOUE, Jean-Marc GADY, Ismael FLORES TRUJANO, Gregory Guillaume LESPINARD, Mi ZOU, Po HUANG, Wesley Bryan HAMM, Russell John Kaaihue HEIRAKUJI, Joshua Robert EDWARDS, Nicholas E. CORTI, Manuel DEJESUS and Alice Marlin BRUGGER**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world.

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5.	<u> / / </u>	✓ _____	Mi ZOU
6.	<u> / / </u>	✓ _____	Po HUANG
7.	<u>2/17/20</u>	✓ <u>Wesley B. Hamm</u>	Wesley Bryan HAMM
8.	<u> / / </u>	✓ _____	Russell John Kaaihue HEIRAKUJI
9.	<u>2/17/20</u>	✓ <u>Joshua Robert Edwards</u>	Joshua Robert EDWARDS
10.	<u>2/17/20</u>	✓ <u>Nicholas E. Corti</u>	Nicholas E. CORTI
11.	<u>2/17/20</u>	✓ <u>Manuel DeJesus</u>	Manuel DEJESUS
12.	<u> / / </u>	✓ _____	Alice Marlin BRUGGER

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7.	<u>1/1</u>	<u>✓</u>	Wesley Bryan HAMM
8.	<u>2/15/30</u>	<u>✓</u>	Russell John Kaahoe HEIRAKUJI
9.	<u>1/1</u>	<u>✓</u>	Joshua Robert EDWARDS
10.	<u>1/1</u>	<u>✓</u>	Nicholas E. CORTI
11.	<u>1/1</u>	<u>✓</u>	Manuel DEJESUS
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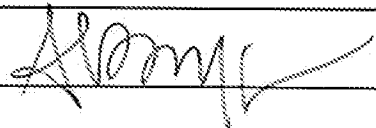
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12.	<u>2/12/20</u>	✓  _____	Alice Marlin BRUGGER