

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6251600

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATHRYN K. WOPAT	07/30/2020
FU-YING HUANG	08/05/2020
HARI VASUDEVAN	08/01/2020
XIN ALICE WU	07/24/2020
SHINGO YONEOKA	08/05/2020
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:	16989559
CORRESPONDENCE DATA	
Fax Number:	(407)841-2343
<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:	407-841-2330
Email:	creganoa@allender.com
Correspondent Name:	CHRISTOPHER F. REGAN
Address Line 1:	255 S. ORANGE AVE.
Address Line 2:	STE. 1401
Address Line 4:	ORLANDO, FLORIDA 32801
ATTORNEY DOCKET NUMBER:	P42189US1 (50348)
NAME OF SUBMITTER:	CHRISTOPHER F. REGAN
SIGNATURE:	/CHRISTOPHER F. REGAN/
DATE SIGNED:	08/14/2020
Total Attachments: 6	

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ASSIGNMENT

WHEREAS, Kathryn K. WOPAT; Fu-Ying HUANG; Hari VASUDEVAN; Xin Alice WU and Shingo YONEOKA, have made an invention entitled: HAPTIC ACTUATOR INCLUDING FIELD MEMBER WITHIN SLOTTED OPENING OF SUSPENDED COIL AND RELATED METHODS; and have made application for United States Letters Patent therefor, the same having been filed herewith in the United States Patent and Trademark Office, and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at One Apple Park Way, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said provisional patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues

and extensions of the same; I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc. as the assignee of the entire interest therein; and I further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, I have hereunto signed my name on the date indicated hereinafter:

07/30/2020
Dated (mm/dd/yyyy)

K. Wopat
Kathryn K. WOPAT

Dated (mm/dd/yyyy)

Fu-Ying HUANG

Dated (mm/dd/yyyy)

Hari VASUDEVAN

Dated (mm/dd/yyyy)

Xin Alice WU

Dated (mm/dd/yyyy)

Shingo YONEOKA

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08/05/2020
Dated (mm/dd/yyyy)

Dated (mm/dd/yyyy)

Dated (mm/dd/yyyy)

Dated (mm/dd/yyyy)

Kathryn K. WOPAT

Fu-Ying Huang
Fu-Ying HUANG

Hari VASUDEVAN

Xin Alice WU

Shingo YONEOKA

APPLE INC.
50348
P42189US1

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Kathryn K. WOPAT

Dated (mm/dd/yyyy)

Fu-Ying HUANG

08/01/2020
Dated (mm/dd/yyyy)



Hari VASUDEVAN

Dated (mm/dd/yyyy)

Xin Alice WU

Dated (mm/dd/yyyy)

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Kathryn K. WOPAT

Dated (mm/dd/yyyy)


Fu-Ying HUANG

Dated (mm/dd/yyyy)

Hari VASUDEVAN

07/29/2020

Dated (mm/dd/yyyy)



Xin Alice WU

Dated (mm/dd/yyyy)

Shingo YONEOKA

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Shingo YONEOKA