506083112 05/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JODY C. FU	05/22/2020
ERIK G. DE JONG	05/15/2020
CHRISTOPHER R. PASMA	05/19/2020
KATHARINE R. CHEMELEWSKI	05/20/2020
REX T. EHMAN	05/20/2020
BRAD W. SIMERAL	05/19/2020

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:	16888094

CORRESPONDENCE DATA

Fax Number: (303)223-8080

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: 303-223-1318

Email: vbrown@bhfs.com

Correspondent Name: S. CRAIG HEMENWAY

Address Line 1: 410 SEVENTEENTH STREET

Address Line 2: SUITE 2200

Address Line 4: DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER:	P42379US1
NAME OF SUBMITTER:	VALERIE H. BROWN
SIGNATURE:	/Valerie H. Brown/
DATE SIGNED:	05/29/2020

PATENT 506083112 REEL: 052792 FRAME: 0807

Total Attachments: 7 source=P42379US1 Executed Assignment#page1.tif source=P42379US1 Executed Assignment#page2.tif source=P42379US1 Executed Assignment#page3.tif source=P42379US1 Executed Assignment#page4.tif source=P42379US1 Executed Assignment#page5.tif source=P42379US1 Executed Assignment#page6.tif source=P42379US1 Executed Assignment#page7.tif

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ASSIGNMENT

WHEREAS, we, Jody C. Fu, Erik G. de Jong, Christopher R. Pasma, Katharine R. Chemelewski, Rex T. Ehman, and Brad W. Simeral (hereinafter, individually and collectively, the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a utility application for Letters Patent in the United States ("U.S."), titled "Portable Electronic Device Having a Haptic Device with a Moving Battery Element," which can be identified in the United States Patent and Trademark Office ("USPTO") by Application No. 16/888,094 _______, filed on ________, with attorney docket no. P42379US1 (the "Utility Application"); and

WHEREAS, Assignor desires to assign any and all right, title and interest to said Utility Application, and any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights");

WHEREAS, Apple Inc., a corporation organized and existing under the laws of the State of California, and having its principal place of business at One Apple Park Way, Cupertino, California 95014 (the "Assignee"), desires to acquire any and all, right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor:

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and

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UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and otherwise take advantage of the provisions of any international conventions.

ASSIGNOR HEREBY AUTHORIZES Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number, filing date, and title of the Utility Application once known.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: May 22, 2020

By: / / Indiv C. Fill

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: _____ By:_____ Erik G. de Jong

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: _____ By:_____ Christopher R. Pasma

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: ______ By:_____ Katharine R. Chemelewski

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: _____ By:_____ Rex T. Ehman

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date:	By: Jody C. Fu
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	May 15, 2020 By: / /
	Erik G. de Jong
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By: Christopher R. Pasma
	Christopher R. Pasma
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By: Katharine R. Chemelewski
	Katharine R. Chemelewski
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By: Rex T. Ehman
	Rex I. Ehman

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UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

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Date:		By: Jody C. Fu
		Jody C. Fu
the da	IN WITNESS WHEREOF, the Assignor te indicated below.	hereunto has executed this Assignment upon
Date:		By: Erik G. de Jong
		Erik G. de Jong
the da	IN WITNESS WHEREOF, the Assignor te indicated below.	hereunto has executed this Assignment upon
Date:	May 19, 2020	By: / / / / / / / / / Christopher R. Pasma
		Christopher R. Pasma
the da	IN WITNESS WHEREOF, the Assignor te indicated below.	hereunto has executed this Assignment upon
Date:		By: Katharine R. Chemelewski
		Katharine R. Chemelewski
the da	IN WITNESS WHEREOF, the Assignor te indicated below.	hereunto has executed this Assignment upon
Date:		By: Rex T. Ehman
		Kex I. Enman

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Date:	By: Jody C. Fu
	Jody C. Fu
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By:
	By: Erik G. de Jong
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By: Christopher R. Pasma
	Christopher R. Pasma
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	May 20, 2020 By: / *** C /
Date.	Katharine R. Chemelewski
the da	IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon te indicated below.
Date:	By: Rex T. Ehman
	Rex T. Ehman

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: <u>6/20/2026</u>

Rex T. Ehman

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon		
the date indicated below.		
Date: May 19, 2020	By:_/ ሜረ ህ ፟	/
	Brad W. Simeral	

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PATENT REEL: 052792 FRAME: 0815

RECORDED: 05/29/2020