

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5970348

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JULIAN HOENIG	02/11/2020
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	62044974
Application Number:	14842617
Application Number:	15261912
Application Number:	15261914
Application Number:	15261917
PCT Number:	US2015047958
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	P22914
NAME OF SUBMITTER:	BENNO M. GUGGENHEIMER
SIGNATURE:	/ BENNO M. GUGGENHEIMER /
DATE SIGNED:	02/19/2020

Total Attachments: 3

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ASSIGNMENT

WHEREAS, I, Julian Hoenig (hereinafter, the "Assignor"), have invented certain new and useful systems, devices, and methods which can be identified in the United States Patent and Trademark Office (the "USPTO") as disclosed and described in the patent applications listed on Schedule A and national and regional applications corresponding or relating thereto (collectively, the "Patent Applications");

WHEREAS, Assignor desires to assign any and all right, title and interest to said Patent Utility Applications, 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 agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

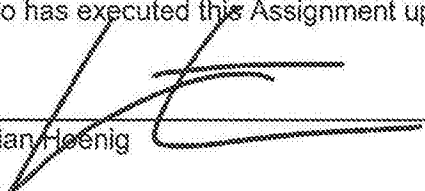
UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights 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 United States 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 Patent Applications 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, patent number, and issue date of any of the Patent Applications once known.

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

Date: 02 . 11 . 2020

By: 
Julian Hoening

SCHEDULE A

Apple Reference No.	Application No.	Country	Filing Date	Patent No.	Issue Date
P22914USP1	62/044,974	US	09/02/2014		
P22914US1	14/842,617	US	09/01/2015		
P22914USC1	15/261,912	US	09/10/2016		
P22914USC2	15/261,914	US	09/10/2016		
P22914USC3	15/261,917	US	09/10/2016		
P22914KR1	10-2019-7023657	KR	09/01/2015		
P22914TW1	104129066	TW	09/02/2015	I596455	08/21/2017
P22914TWD1	106119522	TW	09/02/2015	I636350	09/21/2018
P22914UTM/CN1	201520674224.0	CN	09/01/2015	ZL201620674224.0	03/30/2016
P22914UTM/CND1	201620439286.8	CN	09/01/2015		
P22914UTM/DE1	212015000214.4	DE	09/01/2015	212015000214.4	05/12/2017
P22914WO1	PCT/US2015/047958	WO	09/01/2015		