PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL F. JEAN	09/23/2019
ADAM E. KRIEGEL	09/20/2019
BRETT D. GEORGE	09/18/2019
DANIEL C. KLINGLER	09/18/2019
GIRAULT W. JONES	09/18/2019
FELIPE FERRERI TONELLO	09/20/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16584012

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	204860P41735US2
NAME OF SUBMITTER:	STEVEN CHEN
SIGNATURE:	/steven chen/
DATE SIGNED:	09/30/2019

Total Attachments: 6

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PATENT REEL: 050560 FRAME: 0857

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> PATENT REEL: 050560 FRAME: 0858

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 4860P41735US2

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Michael F. Jean; Adam E. Kriegel; Brett D. George; Daniel C. Klingler; Girault W. Jones; Felipe Ferreri Tonello

hereby sell, assign, and transfer to Apple Inc., a corporation of California

having a principal place of business at One Apple Park Way, Cupertino, California 95014 United States

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

Audio Return Channel Clock Switching

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United	States Patent Application Number_	16/584,012	
filed	September 26, 2019		

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. Each Inventor: Please Sign and Date Below: Date Name: Michael F. Jean Date Name: Adam E. Kriegel Date Name: Brett D. George Date Name: Daniel C. Klingler Date Name: Girault W. Jones Date Name: Felipe Ferreri Tonello Date Name: Date Name: Date Name: Date Name: Name: Date Name: Date

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has

grant, mortgage, license, or oth	s successors, assigns, and legal representatives that no assignment, her agreement affecting the rights and property herein conveyed has dersigned, and that full right to convey the same as herein expressed and	
Each Inventor: Please Sign	and Date Below:	
Date 9/20/19 Date	Name Michael F. Jean Class League Name Adam E. Kriegel	
Date	Name: Brett D. George	
Date	Name: Daniel C. Klingler	
Date <u>9/20/19</u> Date	Name: Girault & Jones Name: Eetipe Forreri Tonello	
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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. Each Inventor: Please Sign and Date Below: Date Name: Michael F. Jean Date Name: Adam E. Kriegel Date Name: Brett D. George Date Name: Daniel C. Klingler Date Name: Girault W. Jones Date Name: Felipe Ferreri Tonello Date Name: Date Name: Date Name: Date Name: Date Name: Name: Date

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	Date	Name: Felipe Ferreri Tonello
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		A Design
		tij Name r halver i 1966 til 2000. De de triber om van 1920 og de triber i 1980 til 2000.
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Date	Name: Felipe Ferreri Tonello
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