506886366 09/23/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6933186

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANJAY DABRAL	09/23/2021
JUN ZHAI	09/23/2021
JUNG-CHENG YEH	09/23/2021
KUNZHONG HU	09/23/2021
RAYMUNDO CAMENFORTE	09/23/2021
THOMAS HOFFMANN	09/23/2021

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:	17483535

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	026057.P48599US1
NAME OF SUBMITTER:	JACOB T. AIKIN
SIGNATURE:	/Jacob Aikin/
DATE SIGNED:	09/23/2021

Total Attachments: 2

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PATENT REEL: 057583 FRAME: 0295

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 026057.P48599US1			
For good and valuable consideration, the receipt and sufficiency of which is hereby				
acknowledged, I/we, the undersigned, Sanjay Dabral, Jun Zhai, Jung-Cheng Yeh, Kunzhong Hu,				
Raymundo Camenforte, Thomas Hoffmann, hereby sell, assign, and transfer to Apple Inc.,				
a <u>corporation</u> of <u>California</u> , (Type of Assignee: e.g., corporation, company, partnership, university, etc.)				
having a principal place of business at One Apple Park V	Vay, Cupertino, CA, 95014,			
("Assignee"), and its successors, assigns, and legal represent the United States and all foreign countries, in and to any a disclosed in the application (provisional or non-provisional) non-provisional application may have a declaration execution concurrently herewith and which application (provisional or Selectable Monolithic or External Scalable Die-to-Die	nd all inventions or improvements that are) for the United States patent which for the cuted by the undersigned prior hereto or non-provisional) is entitled			
said patent application also identified as follows (when know	vn):			
[I/we hereby authorize an attorney or agent for said a number and filing date of said patent application who	•			
United States Patent Application Number 17/483,535	filedSeptember 23, 2021_,			

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, 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 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 representatives in securing and maintaining proper patent

PATENT REEL: 057583 FRAME: 0296 protection for said inventions or improvements and for vesting title to 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

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: 23-Sep-2021	/	/
	Name: Sanjay Dabral	
Date: 23-Sep-2021		
	Name: Jun Zhai	
Date: 23-Sep-2021	Jengl	
	Name: Jung-Cheng Yeh	
Date: 23-Sep-2021	to the total state of the state	
	Name: Kunzhong Hu	
Date: 23-Sep-2021	<u> </u>	
	Name: Raymundo Camenforte	
Date: 23-Sep-2021		
	Name: Thomas Hoffmann	

RECORDED: 09/23/2021