

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5714328

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JACOB A. XIAO	06/10/2019
KYLE S. MACOMBER	06/09/2019
JOSHUA H. SHAFFER	08/06/2019
JOHN S. HARPER	06/21/2019
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:	16428890
CORRESPONDENCE DATA	
Fax Number:	(714)830-0700
<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>	
Email:	sara.mar@morganlewis.com
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP
Address Line 1:	600 ANTON BOULEVARD
Address Line 2:	SUITE 1800
Address Line 4:	COSTA MESA, CALIFORNIA 92626-7653
ATTORNEY DOCKET NUMBER:	122202-6432 (P37899US1)
NAME OF SUBMITTER:	MICHAEL G. DREZNES, REG. NO. 59,965
SIGNATURE:	/Michael G. Dreznes/
DATE SIGNED:	09/11/2019
Total Attachments: 5	
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ASSIGNMENT


WHEREAS we, Jacob A. XIAO, Kyle S. MACOMBER, Joshua H. SHAFFER and John S. HARPER; have made a certain new and useful invention as set forth in an application for United States Patent, entitled FRAMEWORK PROVIDING APPLICATION PROGRAMMING INTERFACE FOR USER INTERFACES AND ANIMATION, which was filed on May 31, 2019, and identified by United States Patent Application No. 16/428,890;

AND WHEREAS, APPLE INC., a corporation of California and having an address of One Apple Park Way, Cupertino, California 95014, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Apple Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of 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, non-provisional, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, 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 assignor and assignee;

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

6/10/2014
Date _____ 
Jacob A. XIAO

Date _____ Kyle S. MACOMBER

Date _____ Joshua H. SHAFFER

Date _____ John S. HARPER

Docket No. 122202-6432 (P37899US1)

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Jacob A. XIAO

6/9/2019

Date


Kyle S. MACOMBER

Date

Joshua H. SHAFFER

Date

John S. HARPER

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date Jacob A. XIAO

Date Kyle S. MACOMBER

8/6/2019
Date *Joshua H. Shaffer*
Joshua H. SHAFER

Date John S. HARPER

Docket No. 122202-6432 (P37899US1)

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date Jacob A. XIAO

Date Kyle S. MACOMBER

Date Joshua H. SHAFFER

6/21/19

Date John S. HARPER