PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
YUNG-CHIN CHEN	04/13/2021
MICHAEL BEKERMAN	04/13/2021
GUY CÔTÉ	04/13/2021
ALEKSANDR M. MOVSHOVICH	04/16/2021

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:	17234510

CORRESPONDENCE DATA

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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.

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P49305US1 (APPL:1060) ATTORNEY DOCKET NUMBER: **NAME OF SUBMITTER:** MATTHEW G. OSTERHAUS **SIGNATURE:** /Matthew G. Osterhaus/ **DATE SIGNED:** 04/19/2021

Total Attachments: 5

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PATENT REEL: 055963 FRAME: 0122

EPAS ID: PAT6664313

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PATENT REEL: 055963 FRAME: 0123

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **Apple Inc.** (the "Assignee"), a corporation of the State of California, having a place of business at **One Apple Park Way, Cupertino, CA 95014**, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "TRANSMISSION AND CONSUMPTION OF MULTIPLE IMAGE SUBFRAMES VIA SUPERFRAME," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 73576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Applicatio	n Information	
U.S. Provisional Application Serial No.	, filed on	
U.S. Non-Provisional Application Serial No. 17/234,510	filed on <u>April 19, 2021</u>	
International Application Serial No.	, filed on	·

PATENT REEL: 055963 FRAME: 0124 **Inventor 1:**

(Signature): Date: 13-Apr-2021

Name: Yung-Chin Chen

				2:	

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PATENT REEL: 055963 FRAME: 0126 Inventor 3:

(Signature): 13-Apr-2021
Name: Guy Côté

13-Apr-2021

Inventor 4:

16-Apr-2021 Date:_

PATENT REEL: 055963 FRAME: 0128

RECORDED: 04/19/2021