505659391 09/06/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
FARHAN A. BAQAI	08/29/2019	
GIJESH VARGHESE	08/28/2019	
HAO SUN	08/29/2019	
TAK SHING WONG	08/29/2019	

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16563273

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ATTORNEY DOCKET NUMBER:	P38876US1 (119-1629US1)
NAME OF SUBMITTER:	DANIEL R. PETERSON
SIGNATURE:	/Daniel R. Peterson/
DATE SIGNED:	09/06/2019

Total Attachments: 2

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> **PATENT** REEL: 050296 FRAME: 0520

505659391

Docket No.: P38876US1 (119-1629US1)

ASSIGNIMENT

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

SELL, ASSIGN AND TRANSFER to Apple Inc., (the "Assignee"), a corporation of California having a place of business at One Apple Park Way, Cupertino, California 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 entitled: Generalized Fusion Techniques Based on Minimizing Variance and Asymmetric Distance Measures, which was filed as indicated below (the below-signed Assignors hereby grant the Assignee's designated agent to fill in this information after their signatures are applied):

	is to be filed herewith;	
\boxtimes	was filed on September 6, 2019 now bearing U.S. Serial Number	16/563,273

and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States 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 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 that, 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 execute all non-provisional, divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing,

maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

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

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Executed on <u>ANA 27, 201</u>3 by ___

Date Farhan A. Baqai

Executed on $\frac{O8/28/2\omega/9}{Date}$ by Gijesh Varghese

ate Gijesh Varghese

Executed on Aug 29, 2019 by ______

Date Hao Sun

Executed on 08/29/2019. by 10/00 Tak Shing Wong