## 504828454 03/20/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DIMITRIOS KOTTAS	03/16/2018
KUEN-HAN LIN	03/15/2018
OLEG NARODITSKY	03/15/2018

#### **RECEIVING PARTY DATA**

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Street Address:	ONE APPLE PARK WAY	
City:	CUPERTINO	
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15926557

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P35985US1 (119-1360US1)	
NAME OF SUBMITTER:	RAYHAO CHUNG	
SIGNATURE:	/Rayhao Chung/	
DATE SIGNED:	03/20/2018	

**Total Attachments: 2** 

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PATENT 504828454 REEL: 045291 FRAME: 0276

Docket No.: P35985US1 (119-1360US1)

### ASSIGNMENT

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: Visual Inertial Odometry Health Fitting, 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):

	was filed on	, now bearing U.S. Serial Number	
$\boxtimes$	is to be filed herewith;		

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 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

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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

03/16/2018

Date

by

Dimitrios Kottas

Executed on

03/15/2018

hv

松松籽品桶

Date

Ruen-Han Lin

Executed on

03/15/2019

Date

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Oleg Naroditsky

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