504541237 09/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4587944

Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL M. HUBEL	09/01/2017
MARIUS TICO	09/01/2017
TING CHEN	09/05/2017

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15696583

CORRESPONDENCE DATA

Fax Number: (206)624-7317

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.

Phone: 206-332-1380

assignments@bakerlaw.com Email: **BAKER & HOSTETLER LLP Correspondent Name:**

Address Line 1: 999 THIRD AVENUE

Address Line 2: **SUITE 3600**

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	082438.310121
NAME OF SUBMITTER:	MARIEL KOONS
SIGNATURE:	/Mariel Koons/
DATE SIGNED:	09/11/2017

Total Attachments: 5

source=082438-310121-Assignment#page1.tif source=082438-310121-Assignment#page2.tif source=082438-310121-Assignment#page3.tif

source=082438-310121-Assignment#page4.tif source=082438-310121-Assignment#page5.tif

PATENT Docket No. 082438,310121

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Apple Inc.**, a corporation of the state of California, having a principal place of business at 1 Infinite Loop, Cupertino, California, 95014-2084 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

STILL IMAGE STABILIZATION/OPTICAL IMAGE STABILIZATION SYNCHRONIZATION IN MULTI-CAMERA IMAGE CAPTURE

the specification of which is attached hereto unless the following is entered:

Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

and in and to said United States Patent Application and all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said inventions and discoveries; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said inventions and discoveries; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries 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, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; 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 and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, 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.

Inventor: Paul M. Hubel	
Inventor Signature	Date 9/1/2017
Current	
Inventor: Marius Tico	
Inventor Signature	Date

Inventor: Ting Chen	2
Inventor Signature	Date

<u>Assignment Document Return Address</u>: Robert L. Hails

Baker & Hostetler LLP
Washington Square, Suite 1100
1050 Connecticut Avenue, N.W.
Washington, D.C. 20036
202.861.1754 (direct)
202.861.1783 (fax)

PATENT Docket No. 082438.310121

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Apple Inc.**, a corporation of the state of California, having a principal place of business at 1 Infinite Loop, Cupertino, California, 95014-2084 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

STILL IMAGE STABILIZATION/OPTICAL IMAGE STABILIZATION SYNCHRONIZATION IN MULTI-CAMERA IMAGE CAPTURE

the specification of which is attached hereto unless the following is entered:

Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

and in and to said United States Patent Application and all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said inventions and discoveries; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said inventions and discoveries; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries 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, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; 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 and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, 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.

Inventor: Paul M. Hubel	
Inventor Signature	Date
Inventor: Marius Tico	
Inventor Signature	Date 09/01/2α/7

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Apple Inc.**, a corporation of the state of California, having a principal place of business at 1 Infinite Loop, Cupertino, California, 95014-2084 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

STILL IMAGE STABILIZATION/OPTICAL IMAGE STABILIZATION SYNCHRONIZATION IN MULTI-CAMERA IMAGE CAPTURE

the specification of which is attached hereto unless the following is entered:

	The state of the s	
Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)
reissue, and other patent a any of said inventions and issued in the United States	tates Patent Application and all provisional, divisional pplications that have been or shall be filed in the Un discoveries; and in and to all original and reissued por any foreign country on said inventions and discoveries and United States Patent Application;	ited States or any foreign country or eatents that have been or shall be
own name; and that, when assigns, and legal represer undersigned will execute all applications on any and all attorney, and other papers; known to the undersigned resaid Assignee, its successors said inventions and discovery	requested, without charge to, but at the expense of, itatives, to carry out in good faith the intent and purp provisional, divisional, continuing, substitute, renew said inventions and discoveries; execute all rightful communicate to said Assignee, its successors, assignating to said inventions and discoveries and the hiers, assigns, or representatives in securing and main ries and for vesting title to said inventions and discoveries, in said Assignee, its	said Assignee, its successors, cose of this Assignment, the wal, reissue, and other patent oaths, assignments, powers of igns, and representatives all facts istory thereof, and generally assist ntaining proper patent protection for overlee, and all applications for
mortgage, license, or other	nee, its successors, assigns, and legal represer agreement affecting the rights and property herein at full right to convey the same as herein expressed	conveyed has been made to other
Inventor: Paul M. Hubel		
Inventor Signature		Date
Inventor: Marius Tico		
Inventor Signature		Date

1

Inventor: Ting Chen	
Inventor Signature	Date
	9/5/2017

Assignment Document Return Address:

Robert L. Hails
Baker & Hostetler LLP
Washington Square, Suite 1100
1050 Connecticut Avenue, N.W.
Washington, D.C. 20036
202.861.1754 (direct)
202.861.1783 (fax)