504229587 02/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4276264

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAE HOON KIM	02/10/2017
CHRIS Y. CHUNG	02/10/2017
DAZHONG ZHANG	02/10/2017
HANG YUAN	02/10/2017
HSI-JUNG WU	02/14/2017
JIEFU ZHAI	02/10/2017
XIASONG ZHOU	02/10/2017

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014-2084

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15433505

CORRESPONDENCE DATA

Fax Number: (202)861-1783

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: 202-861-1500

Email: eofficemonitor@bakerlaw.com

Correspondent Name: BAKER & HOSTETLER LLP / APPLE INC.

Address Line 1: WASHINGTON SQUARE, SUITE 1100

Address Line 2: 1050 CONNECTICUT AVE. N.W. Address Line 4: WASHINGTON, D.C. 20036-5304

ATTORNEY DOCKET NUMBER:	082438.310240 / P33461US1
NAME OF SUBMITTER:	ROBERT L. HAILS
SIGNATURE:	/Robert L. Hails/
DATE SIGNED:	02/15/2017

504229587 PATENT REEL: 041264 FRAME: 0114

Total Attachments: 2

source=82438310240_Assignment_filedFeb152017#page1.tif source=82438310240_Assignment_filedFeb152017#page2.tif

PATENT REEL: 041264 FRAME: 0115

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:

PROCESSING OF EQUIRECTANGULAR OBJECT DATA TO COMPENSATE FOR DISTORTION BY SPHERICAL PROJECTIONS

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: Jae Hoon Kim	
Inventor Signature	Date
142	2/10/20/2
Inventor: Chris Y. Chung	
Inventor Signature	Date 2/10/17
Inventor: Dazhong Zhang	· ·
Inventor Signature	Date 2/10/17
	PATENT

REEL: 041264 FRAME: 0116

Inventor: Hang Yuan	
Inventor Signature	Date
	2/10/17
Inventor: Hsi-Jung Wu	*
Inventor Signature	Date 2/(1/1)
Inventor: Jiefu Zhai	
Inventor Signature	Date 2//0/17
Inventor: Xiaosong Zhou	
Inventor Signature	Date 2 10 (17

RECORDED: 02/15/2017