PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
FRANK DOEPKE	05/29/2014
KEVIN HUNTER	06/04/2014

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:	14292776		

CORRESPONDENCE DATA

Fax Number: (832)446-2424

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Correspondent Name: (APPLE) WONG, CABELLO, LUTSCH, RUTHERFOR

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Address Line 4: HOUSTON, TEXAS 77070

ATTORNEY DOCKET NUMBER:	P22829US2 (119-0805US2)		
NAME OF SUBMITTER:	DANIEL R. PETERSON		
SIGNATURE:	/Daniel R. Peterson/		
DATE SIGNED:	06/12/2014		

Total Attachments: 3

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> **PATENT** REEL: 033091 FRAME: 0672 502849593

Docket No.: P22829US2 (119-0805US2)

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 1 Infinite Loop, 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: **Object-Of-Interest Detection And Recognition With Split, Full-Resolution Image Processing Pipeline**, 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	May 30, 2014	, now bearing U.S. Serial Number
	14/292,776	,	

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	05/29/14	by	
	Date		Frank Doepke
Executed on		by	
	Date		Kevin Hunter

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

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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		by	
	Date		Frank Doepke
Executed on	06/04/2014	by	Iderin Hunter
	Date		Kevin Hunter