PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4922439

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN M. LOTTERMOSER	04/02/2018
PIERRE J. DE FILIPPIS	04/02/2018
DAVID ALEX CARTER	04/10/2018
EUGENE BISTOLAS	04/02/2018

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15902507

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	100947-1033 (P34665US1)	
NAME OF SUBMITTER:	MICHAEL G. DREZNES, REG. NO. 59,965	
SIGNATURE:	/Michael G. Dreznes/	
DATE SIGNED:	04/18/2018	

Total Attachments: 2

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> **PATENT REEL: 045580 FRAME: 0886** 504875699

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 04860.P34665
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, we, the undersigned, Stephen M. Lottermo	oser, Pierre J. De Filippis, ,
David Alex Carter, and Eugene Bistolas	*
hereby sell, assign, and transfer to <u>Apple Inc.</u>	*
a <u>corporation</u> of <u>Cal</u> (Type of Assignee: e.g., corporation, company, partnership, university,	ifomia ,
having a principal place of business at One Apple Park	
("Assignee"), and its successors, assigns, and legal represent the United States and all foreign countries, in and to any and disclosed in the application (provisional or non-provisional non-provisional application may have a declaration execute concurrently herewith and which application (provisional or	d all inventions or improvements that are) for the United States patent which for the d by the undersigned prior hereto or
MESSAGING SYSTEM INTERACTING WITI	H DYNAMIC EXTENSION APP
said patent application also identified as follows (when kno	wn):
[we hereby authorize an attorney or agent for said A number and filing date of said patent application wh	assignce to insert below the application ten known.]
United States Patent Application Number15/902,507	filed February 22, 2018
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, rees applications that have been or shall be filed in the United Stinventions or improvements; and in and to all original paten certificates, and extensions, that have been or shall be issued countries on said inventions or improvements; and in and to filing of said United States application;	tions, divisional applications, continuation on-in-part applications, substitute caminations, extensions, and all other patent ates and all foreign countries on any of said ts, reissued patents, reexamination I in the United States and all foreign
agree that said Assignce may apply for and receive a improvements in its own name; and that, when requested, w Assignee, its successors, assigns, and legal representatives, t purpose of this Assignment, the undersigned will execute all applications, utility applications, design applications, divisions.	ithout charge to, but at the expense of, said to carry out in good faith the intent and provisional applications, non-provisional

improvements 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 applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; 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 or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or

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Rev. 1/08/2010

improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignce, 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.

Each Inventor: Please Sign and Date Below:

34/02 2018

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04/02,2018

Name: Stephen M. Lottermoser

Name: Pierre J. De Filippis

Name: David Alex Carrer

Manage Parada Biasalan

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PATENT REEL: 045580 FRAME: 0888

RECORDED: 04/18/2018