#### 504162691 01/04/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4209368

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YIK SHING YIP	09/26/2016
IMRAN CHAUDHRI	09/26/2016
CHANAKA G. KARUNAMUNI	10/25/2016
FREDDY ANZURES	11/02/2016
ADAM P. WILLIAMS	09/16/2016
SAMI IREN	09/16/2016
PETER BERGER	09/16/2016
BENJAMIN BERRY KERCHEVAL JR.	09/17/2016

#### **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:	15389230

#### **CORRESPONDENCE DATA**

(408)720-8383 Fax Number:

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: 4087208383

Email: juanita briscoe@bstz.com **Correspondent Name:** JAMES C. SCHELLER Address Line 1: 1279 OAKMEAD PKWY

Address Line 2: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	04860.P31765
NAME OF SUBMITTER:	JAMES C. SCHELLER, REG. NO. 31,195
SIGNATURE:	/James C. Scheller/

PAIENI REEL: 040840 FRAME: 0043 504162691

DATE SIGNED:	01/04/2017
Total Attachments: 12	
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PATENT REEL: 040840 FRAME: 0044

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 04860.P31765
For good and valuable consideration, the receipt and	sufficiency of which is hereby
acknowledged, I/we, the undersigned, Yik Shing Yip, Imr.	
Freddy Anzures, Adam P. Williams, Sami Iren, Peter Berger	
hereby sell, assign, and transfer to Apple Inc.	*
a <u>corporation</u> of <u>Cality</u> (Type of Assignee: e.g., corporation, company, partnership, university,	fornia
having a principal place of business at <a>Infinite Loop, C</a>	
("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 executed concurrently herewith and which application (provisional or	I all inventions or improvements that are for the United States patent which for the d by the undersigned prior hereto or
A POLLING EXTENSION APPLICATION FOR INT APPLICATION	TERACTING WITH A MESSAGING
said patent application also identified as follows (when know	wn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	Assignee to insert below the application en known.]
United States Patent Application Number15/389,230	filed December 22, 2016
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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

- 1 - Rev. 1/08/2010

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### Each Inventor: Please Sign and Date Below:

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Date		Name: Yik Shing Yip
	, 2016	
Date	The second secon	Name: Imran Chaudhri
	, 2016	
Date		Name: Chanaka G. Karunamuni
	, 2016	
Date		Name: Freddy Anzures
	, 2016	Name: Adam P. Williams
Date		Name: Adam P. Williams
	, 2016	Name: Sami Iren
Date		Name: Sami Iren
	2016	
Date		Name: Peter Berger
When the American and the American and Comment and Com	, 2016	
Date		Name: Benjamin Berry Kercheval Jr.
		Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

1279 Oakmead Parkway Sunnyvale, CA 94085-4040

(408) 720-8300

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For good and valuable consideration, the receipt and	sufficiency of which is hereby
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a <u>corporation</u> of <u>Cali</u> (Type of Assignee: e.g., corporation, company, partnership, university,	etc.)
having a principal place of business at 1 Infinite Loop, C	Cupertino, CA, 95014
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Date	Name: Imran Chaudhri
, 2016	<u> </u>
Date	Name: Chanaka G. Karunamuni
, 2016	
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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
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Freddy Anzures, Adam P. Williams, Sami Iren, Peter Berge	r, Benjamin Berry Kercheval Jr,	
hereby sell, assign, and transfer to Apple Inc.		
a corporation of <u>Cali</u>	ifornia	
(Type of Assignee: e.g., corporation, company, partiers mp, university,	etc.)	
having a principal place of business at 1 Infinite Loop, C	Cupertino, CA, 95014	
("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 or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled		
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, 2016	Name: Freddy Anzures
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Assignment Document Return Address:

1279 Oakmead Parkway Sunnyvale, CA 94085-4040

(408) 720-8300

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Date		Name: Yik Shing Yip
stagen von maagt oppmyngspringstageringen Ambakanskangsgegen men visiteere der	_, 2016	
Date A 1		Name: Imran Chaudhri
2 Nov	, 2016	Name: Chanaka G. Karunamuni
Date		Name: Chanaka G. Karunamuni
	_, 2016	Name: Freddy Anzures
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Date	_, 2016	Name: Sami Iren
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Date	_, 2016	Name: Peter Berger
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Date	_, 2010	Name: Benjamin Berry Kercheval Jr.
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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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	Freddy Anzures, Adam P. Williams, Sami Iren, Peter Berger, Benjamin Berry Kercheval Jr.			
	hereby sell, assign, and transfer to Apple Inc.			
	a <u>corporation</u> of <u>California</u> (Type of Assignee: e.g., corporation, company, partnership, university, etc.)			
	having a principal place of business at 1 Infinite Loop, Cupertino, CA, 95014			
	("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 or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled			
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17 Sep Date	_, 2016	Mame: Benjamin Berry Kercheval Jr.
	_, 2016	Mame: Benjamin Berry Kercheval Jr.

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