#### 504136634 12/20/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4192920

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |  |
|-----------------------|----------------|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |  |

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| BEHKISH J. MANZARI | 11/11/2016     |
| MAREK BEREZA       | 11/11/2016     |
| PAVEL PIVONKA      | 10/06/2016     |

# **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: | 15273453 |

# **CORRESPONDENCE DATA**

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: 3035922276

Email: madams@mofo.com

**Correspondent Name: RANDY OMID** 

Address Line 1: MORRISON & FOERSTER LLP Address Line 2: 370 17TH STREET, SUITE 4200 Address Line 4: DENVER, COLORADO 80202

| ATTORNEY DOCKET NUMBER: | 770002002200 (P30995US1) |
|-------------------------|--------------------------|
| NAME OF SUBMITTER:      | RANDY OMID               |
| SIGNATURE:              | /Randy Omid/             |
| DATE SIGNED:            | 12/20/2016               |

# **Total Attachments: 4**

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> **PATENT REEL: 040687 FRAME: 0343** 504136634

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PATENT REEL: 040687 FRAME: 0344

Attorney Docket No.: 770002002200 Client Reference No.: P30995US1

# ASSIGNMENT

This assignment is by:

 Behkish J. MANZARI c/o Apple Inc.
I Infinite Loop Cupertino, California 95014

Marek BEREZA
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

Pavel PIVOŇKA
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Apple Inc.

Address: 1 Infinite Loop, Cupertino, California 95014

A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

#### USER INTERFACE FOR CAMERA EFFECTS

for which the following application has been filed in the United States of America.

Serial No.: 15/273,453 Filing Date: September 22, 2016

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

- 1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
- 2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said

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Attorney Docket No.: 770002002200 Client Reference No.: P30995US1

application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawfull authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.

- 3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.
- 4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
- 5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date: | 11/11/16 | Signature: |                    |  |
|-------|----------|------------|--------------------|--|
| Date: |          | Signature: | Behkish J. MANZARI |  |
| Date: |          | Signature: | Marek BEREZA       |  |
|       |          |            | Pavel PIVOŇKA      |  |

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application for letters pasent, and that the same are unencumbered and that Assignors have good and full right and tawful authority to sell and convey the same in the manner set forth in this agreement or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and and application for letters patent, and the same were manifested and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal to presentatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.

- Assignors shall promptly sign and execuse all papers and documents take all lawful only, and do all acts accessary, required or useful for the procurement maintenance enforcement defense or otherwise to secure title thereto to the Assignee at the sole cost and expense of Assignee, its successors, legal representatives and assigns in such ease including without limitation, arising from or relating to (a) said inventions, or and application for letters patent (b) any provisional document, continuation, or continuation—in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for such inventions in any country or jurisdiction, including without huntation, any modifications to such letters patent or patents such as through reassing re-examination or other post-grant proceeding. To be clear, for purposes of this puragraph, "procurement maintenance of forcement, defense shall include without limitation, any preparation prosecution, pre-grant proceeding, and post-grant proceeding, whether before a parent office or other assumptions to be do or judicial body with jurisdiction therefore
- 4. Assignees hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors legal representatives and energy.
- Thereby grant Assignce's attorneys, all of Mornson & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or descrable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of sud-application when known.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned numers)

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Attorney Docket No.: 770002002200 Client Reference No.: P30995US1

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date:            | Signature:Behkish J. MANZARI |
|------------------|------------------------------|
| Date:            | Signature:Marek BEREZA       |
| Date: 10/06/2016 | Signature: Paul Pronko       |
|                  | Pavei PIVOÑKA                |

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**RECORDED: 12/20/2016**