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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4247681

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BARTOSZ CIECHANOWSKI | 10/13/2016 |
| BHASKAR P. SARMA | 01/26/2017 |
| WILLIAM R. DAHLBERG | 10/18/2016 |
| EUGENE BISTOLAS | 09/16/2016 |
| OLIVIER GUTKNECHT | 09/16/2016 |
| NATHANIEL BEGEMAN | 12/15/2016 |
| 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: | 15400780 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)720-8383 |
| <i>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.</i> | |
| Phone: | 408-720-8300 |
| 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.P31912 |
| NAME OF SUBMITTER: | JAMES C. SCHELLER, REG. NO. 31,195 |
| SIGNATURE: | /James C. Scheller/ |
| DATE SIGNED: | 01/27/2017 |

Total Attachments: 12

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 04860.P31912

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("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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United States Patent Application Number 15/400,780 filed January 6, 2017,

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Each Inventor: Please Sign and Date Below:

| | |
|-------------------------------------|---|
| <u>10/13</u> , 20 <u>16</u> Date | <u>Bartosz Ciechanowski</u> Name: Bartosz Ciechanowski |
| _____, 20____ Date | _____ Name: Bhaskar P. Sarma |
| _____, 20____ Date | _____ Name: William R. Dahlberg |
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Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

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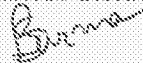
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Date
1/26, 2017
Date

Name: Bartosz Ciechanowski



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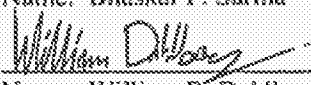
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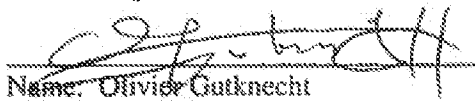
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| <u>Sept 16th</u> , 20 <u>16</u> Date |  Name: Olivier Gutknecht |
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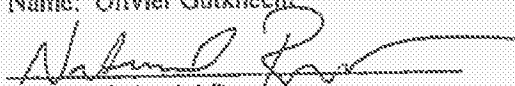
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