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Atty Ref/Docket No.: 772.059US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Aleksandar Pance, Paul Alioshin, Brett Bilbrey and David Thomas Amm

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ Other

Execution Date: July 7, 2009, July 7, 2009, July 7, 2009,
July 12, 2009

2. Name and address of receiving party(ies):

Name: Apple Inc.Street Address: 1 Infinite Loop, M/S 40-PATCity: Cupertino State: CA Zip: 95014Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/504,821, filed July 17, 2009

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael L. Lynch

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael L. Lynch/Reg. No. 30,871/Michael L. Lynch/August 12, 2009

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 11

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT

REEL: 023081 FRAME: 0901

700415309

CH \$40.00 190743 12504821

ASSIGNMENT

WHEREAS, We, Aleksander Pance, residing at 20405 Williams Ave., Saratoga, CA 95070, Paul Alioshin, residing at 747 Josina Ave., Palo Alto, CA 94087, Brett Bilbrey, residing at 1141 Robin Way, Sunnyvale, CA 94087, and David Thomas Amun, residing at 532 Crawford Drive, Sunnyvale, CA 94087 made certain new and useful inventions and improvements which are described in an application for United States Letters Patent entitled METHOD AND APPARATUS FOR LOCALIZATION OF HAPTIC FEEDBACK:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Apple Inc. (the "Assignee"), a corporation of the State of California, having a place of business at 1 Infinite Loop, M/S 40-PAT, Cupertino, CA 95014, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for United States Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 45833 may delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

<u>Additional Application Information</u>	
U.S. Provisional Application Serial No. _____	filed on _____
U.S. Non-Provisional Application Serial No. <u>12/504,821</u>	filed on <u>July 17, 2009</u>
International Application Serial No. _____	filed on _____

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/or 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 without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date below of my signature:

Inventor 1: Aleksandar Pance

(Signature):

Name: Inventor Name

Date:

Inventor 2: Paul Alioshin

(Signature):

Name: Inventor Name

Date:

Inventor 3: Brett Bilbrey

(Signature):

Name: Inventor Name

Date:

Inventor 4: David Thomas Amm

(Signature):

Name: Inventor Name

Date:

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Additional Application Information

U.S. Provisional Application Serial No. _____, filed on _____
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Inventor 1: Aleksandar Pance

(Signature): _____
Name: Inventor Name

Date: _____

Inventor 2: Paul Alioshin

(Signature):  _____
Name: Inventor Name

Date: 7 July 2009

Inventor 3: Brett Bilbrey

(Signature): _____
Name: Inventor Name

Date: _____

Inventor 4: David Thomas Amin

(Signature): _____
Name: Inventor Name

Date: _____

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<i>U.S. Non-Provisional Application Serial No.</i> <u>12/204,821</u>	<i>filed on</i> <u>July 17, 2009</u>
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Inventor 1: Aleksandar Pance

(Signature): _____
Name: Inventor Name

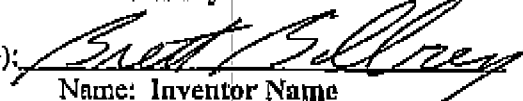
Date: _____

Inventor 2: Paul Allosin

(Signature): _____
Name: Inventor Name

Date: _____

Inventor 3: Brett Billrey

(Signature): 
Name: Inventor Name

Date: _____

Inventor 4: David Thomas Amm

(Signature): _____
Name: Inventor Name

Date: _____

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Name: **Inventor Name**

Date: _____

Inventor 3: Brett Bilbrey

(Signature): _____
Name: **Inventor Name**

Date: _____

Inventor 4: David Thomas Aron

(Signature):  _____
Name: **Inventor Name**

Date: July 12/09