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06-27-2008

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OMB No. 0651-0027 (exp. 6/30/2005)



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- 1) Doug Farrar
- 2) Lawrence Heyl
- 3) Brian Sander

2. Name and address of receiving party(ies)

Name: Apple Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 6/10/2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Street Address: 1 Infinite Loop

City: Cupertino

State: CA

Country: USA Zip: 95014

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application

Execution date(s): 6/10/2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes NO

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

Name: Ropes & Gray LLP

Internal

Address: Jeffrey C. Aldridge

Street Address: 1211 Avenue of the Americas

City: New York

State: NY

Zip: 10036

Phone Number: 212.596.9000

Fax Number: 212.596.9090

Email Address: Jeffrey.Aldridge@ropesgray.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 06-1075

Authorized User Name Ropes & Gray LLP

9. Signature: _____

Signature

Date June 13, 2008

Jeffrey C. Aldridge (Reg. No. 51,390)

Name Of Person Signing

06/26/2008 DRYRNE 0000043 061075 12157912
 Total number of pages including cover 5
 Sheet, attachments, and documents: 5

EXPRESS MAIL LABEL NO. EM125016548US

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 021167 FRAME: 0631

A S S I G N M E N T

Whereas we, Doug Farrar, Lawrence Heyl, and Brian Sander, residing, respectively, at 601 Hollingsworth Drive, Los Altos, California 94022, 204 Depot Road, Colchester, Vermont 05446, and 5504 Perugia Circle, San Jose, California 95138; have made an invention in:

SYSTEMS AND METHODS FOR PROVIDING DEVICE-TO-DEVICE
HANDSHAKING THROUGH A POWER SUPPLY SIGNAL

and are about to make application for United States Letters Patent therefor, the same having been executed by us on even date herewith; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said

invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names and affixed our seals on the date or dates indicated hereinafter.


6/10/2008

Date

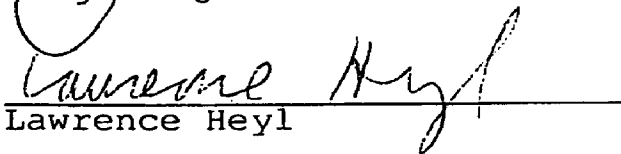
6/10/2008

Date

Date



Doug Farrar



Lawrence Heyl

Brian Sander

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invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

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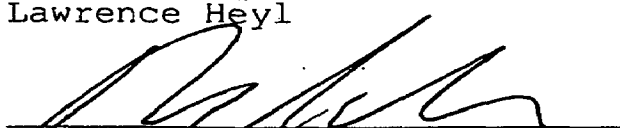
Doug Farrar

Date

Lawrence Heyl

6/10/08

Date



Brian Sander