PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Douglas B. Kough	06/23/2009
Gregory A. Springer	06/15/2009
Bing Chiang	06/20/2009
Enrique Ayala Vazquez	06/23/2009
Hao Xu	06/23/2009

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:	12490286

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P7726US1
NAME OF SUBMITTER:	David C. Kellogg

PATENT REEL: 022864 FRAME: 0833 OP \$40.00 12490286

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Total Attachments: 5

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PATENT REEL: 022864 FRAME: 0834

ASSIGNMENT

WHEREAS, We, Douglas B. Kough, Gregory A.

Springer, Bing Chiang, Enrique Ayala Vazquez, and Hao Xu, residing respectively at 3394 Browning Avenue, San Jose, CA 95124, 526 Humber Court, Sunnyvale, CA 94087, 3662

Whisperwood Cir., Melbourne, FL 32901, 4 Magnolia Drive, Watsonville, CA 95076, and 10229 Danube Drive, Cupertino, CA, 95014, have made an invention entitled:

ANTENNAS FOR ELECTRONIC DEVICES WITH CONDUCTIVE HOUSING and are about to make an 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 the State of California and having an address of 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) paid, and other good and valuable consideration, the receipt of 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, continuations—in—part and divisions thereof,

PATENT REEL: 022864 FRAME: 0835 and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; 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 we hereby authorize and request 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 we further agree 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 on the dates indicated hereinafter.

23 Jun 09 Date	Douglas B. Kough
 Date	Gregory A. Springer
Date	Bing Chiang
06-23-09 Date	Enrique Ayala Vazquez
23-06-09 Date	Hao Xu

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Dațe OIS/09 Date	Douglas B. Kough Company A. Springer
Date	Bing Chiang
Date	Enrique Ayala Vazquez
Date	Нао Хи

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