

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eswar Priyadarshan	07/30/2010
Kenley Sun	07/30/2010
Dan Marius Grigorovici	07/30/2010
Ravikiran Chittari	08/10/2010
Jayasurya Vadrevu	07/30/2010
Irfan Mohammed	07/30/2010
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:	12854303
CORRESPONDENCE DATA	
Fax Number:	(415)814-6165
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	415-814-6165
Email:	amy.drury@novakdruce.com
Correspondent Name:	Novak Druce + Quigg LLP
Address Line 1:	555 Mission Street
Address Line 2:	34th Floor
Address Line 4:	San Francisco, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	9705.008.NPUS00[P8965US1]

OP \$40.00 12854303

501259012

**PATENT
 REEL: 024821 FRAME: 0134**

NAME OF SUBMITTER:

Brian K. McKnight

Total Attachments: 4

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**ASSIGNMENT
(JOINT)**

THIS ASSIGNMENT, by **Eswar Priyadarshan; Kenley Sun; Dan Marius Grigorovici; Ravikiran Chittari; Jayasurya Vadrevu; and Urban Mohammed** (hereinafter referred to collectively as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in: **POPULATION SEGMENTATION**, set forth in an application for Letters Patent of the United States filed herewith.

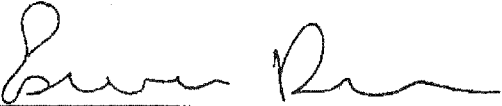
WHEREAS, **APPLE INC.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

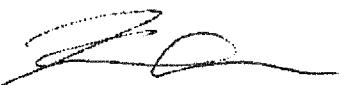
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or 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 said Assignee, for its own use and behalf and the use and behalf 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 the Assignors, had this sale and assignment not been made; and

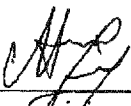
FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth; and

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

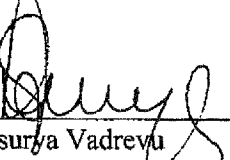
IN WITNESS WHEREOF, Assignors have thus set their hands on the dates below written.

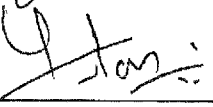
Date: 07/30, 2010 Signature: 
Eswar Priyadarshan

Date: 07/30, 2010 Signature: 
Kenley Sun

Date: 07/30, 2010 Signature: 
Dan Marius Grigorevici

Date: 07/30, 2010 Signature: _____
Ravikiran Chittari

Date: 07/30, 2010 Signature: 
Jayasurya Vadrevu

Date: 07/30, 2010 Signature: 
Irfan Mohammed

**ASSIGNMENT
(JOINT)**

THIS ASSIGNMENT, by **Eswar Priyadarshan; Kenley Sun; Dan Marius Grigorovici; Ravikiran Chittari; Jayasurya Vadrevu; and Irfan Mohammed** (hereinafter referred to collectively as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in: **POPULATION SEGMENTATION**, set forth in an application for Letters Patent of the United States filed herewith.

WHEREAS, **APPLE INC.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignors' interest in the ~~entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or 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 said Assignee, for its own use and behalf and the use and behalf 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 the Assignors, had this sale and assignment not been made; and~~

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth; and

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, Assignors have thus set their hands on the dates below written.

Date: _____, 2010 Signature: _____
Eswar Priyadarshan

Date: _____, 2010 Signature: _____
Kenley Sun

Date: _____, 2010 Signature: _____
Dan Marius Grigorovici

Date: 08/10/ _____, 2010 Signature: 
Ravikiran Chittari

Date: _____, 2010 Signature: _____
Jayasurya Vadrevu

Date: _____, 2010 Signature: _____
Irfan Mohammed