PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | |
|-----------------------|----------------|--|--|--|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | |

CONVEYING PARTY DATA

| Name | Execution Date | | |
|----------------|----------------|--|--|
| Arnaud Hervas | 10/01/2009 | | |
| Benoit Sevigny | 08/18/2009 | | |

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: | 12496637 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: APLE.P0172

NAME OF SUBMITTER: Mani Adeli

Total Attachments: 2

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PATENT

REEL: 023650 FRAME: 0892

OF \$40.00 1Z49663

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ASSIGNMENT

WHEREAS, we, Arnaud Hervas, residing at Culver City, CA, and Benoit Sévigny, residing at Montréal, Québec, have made an invention entitled: Automatic Generation and Use of Region of Interest and Domain of Definition Functions and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 7/1/2009 as United States Application No. 12/496,637; 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, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application and in any Letters Patent which may be entitled to the benefit thereof;

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 are 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 nonprovisional patent application claiming the benefit thereof and 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; 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 date(s) indicate |
|---------|--------------------------|--------------------------------|-------------------------|
| hereina | after: | // | An |
| Date: | lo///of | Signature:Arnavd He | <u> </u> |
| | | Arnaud He | rvas |
| | | | |
| Date: | | Signature: | |
| - | | Benoit Sév | igny |

Attorney Docket: APLE.P0172 PTO Serial Number: 12/496,637 Client Docket: P7738US2

REEL: 023650 FRAME: 0893

ASSIGNMENT

WHEREAS, we, Arnaud Hervas, residing at Culver City, CA, and Benoit Sévigny, residing at Montréal, Québec, have made an invention entitled: Automatic Generation and Use of Region of Interest and Domain of Definition Functions and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 7/1/2009 as United States Application No. 12/496,637; 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, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application and in any Letters Patent which may be entitled to the benefit thereof;

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 are 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 nonprovisional patent application claiming the benefit thereof and 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; 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.

| herein | | TESTIMONY | WHEREOF, | we | have | hereunto | signed | our | names | on | the | date(s) | indicated |
|-----------------------|--|-----------|----------|-----|------------------|----------|----------|-----|---------|-----|-----|---------|-----------|
| Date: _ | | | | | | Si | gnature: | | aud Hei | vas | | | |
| Date: August 18, 2009 | | | Si | Ber | Zua 10it Sévi | | | | 6 | | | | |

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Attorney Docket: APLE.P0172 PTO Serial Number: 12/496,637 Client Docket: P7738US2