

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Laurent Perrodin</td><td>07/28/2010</td></tr> <tr><td>Randy Ubillos</td><td>08/30/2010</td></tr> <tr><td>Richard Townhill</td><td>07/28/2010</td></tr> <tr><td>Judson Coplan</td><td>07/28/2010</td></tr> <tr><td>Mike Mitchell</td><td>07/28/2010</td></tr> <tr><td>Jer Granucci</td><td>07/28/2010</td></tr> <tr><td>Keith Salvucci</td><td>07/28/2010</td></tr> </tbody> </table>		Name	Execution Date	Laurent Perrodin	07/28/2010	Randy Ubillos	08/30/2010	Richard Townhill	07/28/2010	Judson Coplan	07/28/2010	Mike Mitchell	07/28/2010	Jer Granucci	07/28/2010	Keith Salvucci	07/28/2010
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Name:</td><td>Apple Inc.</td></tr> <tr><td>Street Address:</td><td>1 Infinite Loop</td></tr> <tr><td>City:</td><td>Cupertino</td></tr> <tr><td>State/Country:</td><td>CALIFORNIA</td></tr> <tr><td>Postal Code:</td><td>95014-2094</td></tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014-2094						
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CORRESPONDENCE DATA																	
<p>Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (858) 678-5070 Email: apsi@fr.com Correspondent Name: Dan V. Vacar Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>																	
ATTORNEY DOCKET NUMBER:	18814-0196001																

CH \$40.00 12872778

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PATENT
REEL: 025120 FRAME: 0622

NAME OF SUBMITTER:

Nancy Grant

Total Attachments: 4

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Laurent Perrodin, Randy Ubilos, Richard Townhill, Judson Coplan, Mike Mitchell, Jer Granucci, and Keith Salvucci, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

Video and Audio Waveform User Interface

and which is found in

- (a) U.S. patent application executed on _____, entitled as above, listing the above named persons as Inventors.
- (b) U.S. patent application filed on August 31, 2010
 under Application No. 12/872,778
 with Express Mail No. (Application Number not yet known).
- (c) U.S. Patent No.: issued

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this

Signature of Inventor

28 day of July, 2010

Laurent Perrodin
Laurent Perrodin

Executed this

Signature of Inventor

_____ day of _____, 20____

_____ Randy Ubillos

Executed this

Signature of Inventor

28 day of July, 2010

Richard Townhill
Richard Townhill

Executed this

Signature of Inventor

28 day of July, 2010

Judson Coplan
Judson Coplan

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Signature of Inventor

28 day of July, 2010

Mike Mitchell
Mike Mitchell

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Signature of Inventor

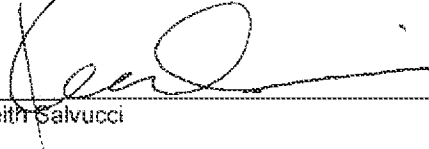
28 day of July, 2010

Jer Gianfacci
Jer Gianfacci

Executed this

Signature of Inventor

28 day of July, 2010



Keith Salvucci

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Executed this

Signature of Inventor

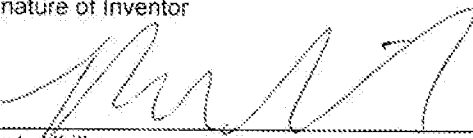
_____ day of _____, 20____

Laurent Perrodin

Executed this

Signature of Inventor

30 day of August, 2010


Randy Ubillos

Executed this

Signature of Inventor

_____ day of _____, 20____

Richard Townhill

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_____ day of _____, 20____

Judson Coplan

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_____ day of _____, 20____

Mike Mitchell

Executed this

Signature of Inventor

_____ day of _____, 20____

Jer Granucci