

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Pierre BETOUIN</td> <td>06/25/2008</td> </tr> <tr> <td>Augustin J. FARRUGIA</td> <td>06/25/2008</td> </tr> <tr> <td>Nicholas SULLIVAN</td> <td>06/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Pierre BETOUIN	06/25/2008	Augustin J. FARRUGIA	06/25/2008	Nicholas SULLIVAN	06/25/2008
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Pierre BETOUIN	06/25/2008								
Augustin J. FARRUGIA	06/25/2008								
Nicholas SULLIVAN	06/25/2008								
RECEIVING PARTY DATA									
Name:	Apple, Inc.								
Street Address:	1 Infinite Loop								
City:	Cupertino								
State/Country:	CALIFORNIA								
Postal Code:	95014								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12120146</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12120146				
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Application Number:	12120146								
CORRESPONDENCE DATA									
Fax Number:	(650)494-0792								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(650) 813-5850								
Email:	cdiez@mofo.com								
Correspondent Name:	Norman R. Klivans								
Address Line 1:	Morrison & Foerster LLP								
Address Line 2:	755 Page Mill Road								
Address Line 4:	Palo Alto, CALIFORNIA 94304-1013								
ATTORNEY DOCKET NUMBER:	106842022800								
NAME OF SUBMITTER:	Norman R. Klivans								

CH \$40.00 12120146

Total Attachments: 4
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**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Pierre BETOUIN; Augustin J. FARRUGIA and Nicholas SULLIVAN (hereinafter referred to as the assignors), residing at 140 rue d'Aguesseau, 92100 Boulogne, France; 10411 Tula Lane, Cupertino, California 95014; and 747 Bamboo Drive, Sunnyvale, California 94086, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in CLOCK ROLL FORWARD DETECTION, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith bearing Serial No. 12/120,146 and filed on May 13, 2008; and

WHEREAS, Apple Inc, a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 1 Infinite Loop, Cupertino, California 95014 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application 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, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt 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, 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 the use 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 sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are 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.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date
06/19/2008



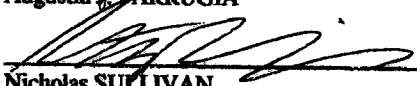
Pierre BÉTOUIN

Date
06/25/2005



Augustin J. FARRUGIA

Date



Nicholas SULLIVAN

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Pierre BETOUIN; Augustin J. FARRUGIA and Nicholas SULLIVAN (hereinafter referred to as the assignors), residing at 140 rue d'Aguesseau, 92100 Boulogne, France; 10411 Tula Lane, Cupertino, California 95014; and 747 Bamboo Drive, Sunnyvale, California 94086, respectively, witnesseth:

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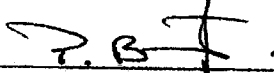
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, 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 the use 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 sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are 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.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

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