

PATENT ASSIGNMENT

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>John Ananny</td> <td>01/07/2010</td> </tr> <tr> <td>David S. Fisher</td> <td>01/14/2010</td> </tr> <tr> <td>Peter Langenfeld</td> <td>01/11/2010</td> </tr> <tr> <td>Scott Krueger</td> <td>01/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	John Ananny	01/07/2010	David S. Fisher	01/14/2010	Peter Langenfeld	01/11/2010	Scott Krueger	01/07/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Apple Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 Infinite Loop</td> </tr> <tr> <td>Internal Address:</td> <td>M/S 40-PAT</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</td> </tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	Internal Address:	M/S 40-PAT	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014
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CORRESPONDENCE DATA													
Fax Number: (415)576-0300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 303-571-4000 Email: jasanders@townsend.com Correspondent Name: Jason A. Sanders Address Line 1: Two Embarcadero Center Address Line 2: Townsend and Townsend and Crew LLP Address Line 4: San Francisco, CALIFORNIA 94111-3834													
ATTORNEY DOCKET NUMBER:	20750P-012510US												
NAME OF SUBMITTER:	Jason A. Sanders												

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PATENT
REEL: 023823 FRAME: 0779

Total Attachments: 3

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John Ananny of San Francisco, CA; David S. Fisher of Terre Haute, IN; Peter Langenfeld of Palo Alto, CA; and Scott Krueger of San Francisco, CA, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention: SERIAL PASS-THROUGH DEVICE

Filing Date:

Application No.: ; and

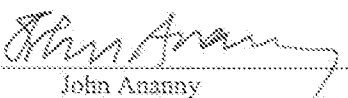
WHEREAS, Apple Inc., a corporation of the state of California, located at 1 Infinite Loop, M/S 40-PAT, Cupertino, CA 95014, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1/7/2010


John Ananny

Dated: _____

David S. Fisher

Dated: _____

Peter Langenfeld

Dated: 1/7/10


Scott Krueger

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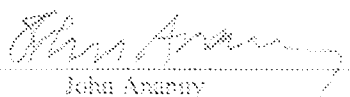
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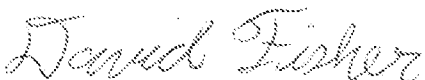
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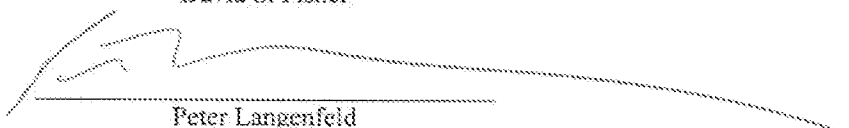
Dated: _____

John Ananny

Dated: _____

David S. Fisher

Dated: 7/11/10 _____



Peter Langenfeld

Dated: _____

Scott Krueger

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PATENT

RECORDED: 01/21/2010

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