

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wendell B. Sander	09/03/2010
Barry Corlett	09/10/2010
David Tupman	09/12/2010
Brian Sander	09/14/2010
Jeffrey J. Terlizzi	07/29/2010
Andrew Bright	08/03/2010
Anup Sharma	08/04/2010
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:	12887468
CORRESPONDENCE DATA	
Fax Number:	(415)837-0651
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	dkellogg@patentsgt.com
Correspondent Name:	David C. Kellogg
Address Line 1:	870 Market Street
Address Line 2:	Suite 984
Address Line 4:	San Francisco, CALIFORNIA 94102
ATTORNEY DOCKET NUMBER:	P8980US1

OP \$40.00 12887468

NAME OF SUBMITTER:

David C. Kellogg

Total Attachments: 9

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A S S I G N M E N T

WHEREAS, We, Wendell B. Sander, Barry Corlett, David Tupman, Brian Sander, Jeffrey J. Terlizzi, Andrew Bright, and Anup Sharma, residing respectively in Los Gatos, California, Brisbane, California, San Francisco, California, San Jose, California, San Francisco, California, Los Gatos, California, and Sunnyvale, California, have made an invention entitled:

DIGITAL COMMUNICATIONS SYSTEM WITH VARIABLE-BANDWIDTH
TRAFFIC CHANNELS

and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on (_____) under Application No. (_____), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 65015 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

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NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is 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 continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; 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;

and 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.

P8980US1

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Sept 3, 2010
Date

Wendell B Sander
Wendell B. Sander

Date

Barry Corlett

Date

David Tupman

Date

Brian Sander

Date

Jeffrey J. Terlizzi

Date

Andrew Bright

Date

Anup Sharma

P8980US1

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Date

9/10/10

Date

Wendell B. Sander

B. Corlett

Barry Corlett

Date

David Tupman

Date

Brian Sander

Date

Jeffrey J. Terlizzi

Date

Andrew Bright

Date

Anup Sharma

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

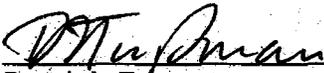
Date

Wendell B. Sander

Date

Barry Corlett

9/12/10
Date



David Topman

Date

Brian Sander

Date

Jeffrey J. Terlizzi

Date

Andrew Bright

Date

Anup Sharma

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Date

Wendell B. Sander

Date

Barry Corlett

Date

David Tupman

9/14/10

Date

Brian Sander

Date

Jeffrey J. Terlizzi

Date

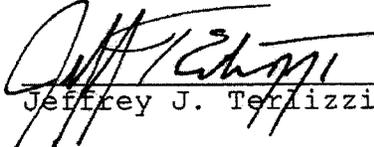
Andrew Bright

Date

Anup Sharma

P8980US1

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_____ Date	_____ Wendell B. Sander
_____ Date	_____ Barry Corlett
_____ Date	_____ David Tupman
_____ Date	_____ Brian Sander
_____ 7/29/10 Date	_____  Jeffrey J. Terlizzi
_____ Date	_____ Andrew Bright
_____ Date	_____ Anup Sharma

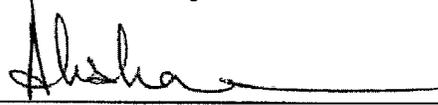
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_____ Date	_____ Wendell B. Sander
_____ Date	_____ Barry Corlett
_____ Date	_____ David Tupman
_____ Date	_____ Brian Sander
_____ Date	_____ Jeffrey J. Terlizzi
<u>03-Aug-2010</u> Date	 _____ Andrew Bright
_____ Date	_____ Anup Sharma

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IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

_____ Date	_____ Wendell B. Sander
_____ Date	_____ Barry Corlett
_____ Date	_____ David Tupman
_____ Date	_____ Brian Sander
_____ Date	_____ Jeffrey J. Terlizzi
_____ Date	_____ Andrew Bright
8/4/10 _____ Date	 _____ Anup Sharma