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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuhisa Yanagihara	07/13/2012
Lionel Gentil	07/19/2012
Darrin B. Jewell	07/19/2012
Jason R. Thorpe	07/17/2012
Jordan L. Redner	07/19/2012
Gregory B. Vaughan	07/18/2012
Gregory Burns	07/17/2012

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:	13563433

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: A. Richard Park

Address Line 1: Park, Vaughan, Fleming & Dowler LLP

Address Line 2: 2820 Fifth Street

Address Line 4: Davis, CALIFORNIA 95618

PATENT

REEL: 028699 FRAME: 0155

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ATTORNEY DOCKET NUMBER:	APL-P14353US1	
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241	
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PATENT REEL: 028699 FRAME: 0156

Attorney Docket No. APL-P14353US1

Patent

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned do hereby sell, assign and transfer to: APPLE INC., a corporation of California, having a principal place of business at 1 Infinite Loop, Cupertino, California 95014 ("Assignee"), its successors, assigns, and legal representatitives, the entire right, title and interest for the United States and all foreign countries, in and to any improvements which are disclosed in the application for the United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,
[X] which was filed on 3 | July 20 | Yand assigned U.S. Serial No: 13/563, 433 and is entitled:

DELIVERING CONTENT TO ELECTRONIC DEVICES USING LOCAL CACHING SERVERS and in and to said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, it successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns and legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 17/13/12 Name: Kazuhisa Yanagihara

Date: 7/19/2012 Name: Lionel Gentil

Date 2012-07-19 Name: Darrin B. Jewell

Date: 7-17-2012 Name: Jason R. Thorpe

20 2 Name: Jordan L. Redner

Date: 7/14/2012 Name: Gregory B. Vaughan

Date: 7/17/12 Name: Gregory Burns

Signature:

Signature:

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Signature

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