

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

  
**CONVEYING PARTY DATA**

Name	Execution Date
David L. Biderman	07/07/2013
Xiaosong Zhou	07/08/2013
Douglas Scott Price	07/03/2013
Yeping Su	07/03/2013
Chris Y. Chung	07/03/2013
Hsi-Jung Wu	07/03/2013
Zhenheng Li	07/08/2013
John Su	07/10/2013
James D. Batson	07/08/2013

  
**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:	13941174

  
**CORRESPONDENCE DATA**

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OP \$40.00 13941174

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ATTORNEY DOCKET NUMBER:	13316/1909001
NAME OF SUBMITTER:	Jeney Han
Signature:	/Jeney Han/
Date:	07/12/2013
<b>Total Attachments: 4</b> source=13316_1909001_Assignment#page1.tif source=13316_1909001_Assignment#page2.tif source=13316_1909001_Assignment#page3.tif source=13316_1909001_Assignment#page4.tif	

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Apple Inc.**, a corporation of the state of California, having a principal place of business at 1 Infinite Loop, Cupertino, California, 95014-2084 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

**TRICK PLAY IN DIGITAL VIDEO STREAMING**

the specification of which is attached hereto unless the following is entered:


Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

and in and to said United States Patent Application and all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said inventions and discoveries; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said inventions and discoveries; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries 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 provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, 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.

Inventor: David L. Biderman

Inventor Signature 	Date 7/7/2013
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Inventor: Xiaosong Zhou

Inventor Signature	Date
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Inventor: Douglas Scott Price

Inventor Signature	Date
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Inventor: Yeping Su

Inventor Signature	Date
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Inventor: Chris Y. Chung

Inventor Signature	Date
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Inventor: Hsi-Jung Wu

Inventor Signature	Date
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Inventor: Zhenheng Li

Inventor Signature	Date
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Inventor: John Su

Inventor Signature	Date
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Inventor: James D. Batson

Inventor Signature	Date
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**Assignment Document Return Address:**

**Robert L. Hails**  
KENYON & KENYON LLP  
1500 K. St. NW Suite 700  
Washington, D.C. 20005  
Telephone: (202) 220-4200  
Facsimile: (202) 220-4201

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agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries 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 provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, 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.

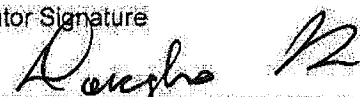
Inventor: David L. Biderman

Inventor Signature	Date

Inventor: Xiaosong Zhou

Inventor Signature	Date
	07/08/13


Inventor: Douglas Scott Price

Inventor Signature	Date
	7/3/13

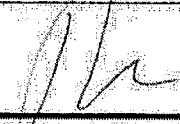
Inventor: Yeping Su

Inventor Signature 	Date 7/3/13
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Inventor: Chris Y. Chung

Inventor Signature 	Date 7/3/13
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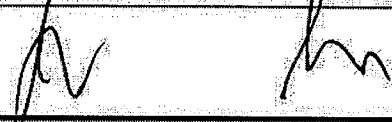
Inventor: Hsi-Jung Wu

Inventor Signature 	Date 2013-7-3
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Inventor: Zhenheng Li

Inventor Signature 	Date 2013-7-8
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Inventor: John Su

Inventor Signature 	Date 2013-7-10
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Inventor: James D. Batson

Inventor Signature 	Date 7/8/13
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**Assignment Document Return Address:**

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