## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Thomas Matthieu Alsina	09/21/2010
Bob Bradley	09/16/2010
Alan Cannistraro	09/27/2010
Scott Forstall	09/29/2010
Amandeep Jawa	09/27/2010
Nicholas V. King	09/16/2010
Lucas Newman	09/21/2010
Daniel Trent Preston	09/16/2010
Jai Chulani	09/16/2010
Jeffrey Robbin	09/28/2010

### **RECEIVING PARTY DATA**

Name:	Apple Inc.	
Street Address:	1 INFINITE LOOP	
City:	CUPERTINO	
State/Country:	CALIFORNIA	
Postal Code:	95014-2094	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12895694

### **CORRESPONDENCE DATA**

Fax Number: (877)769-7945

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 858-678-5070

Email: zepeda@fr.com

Correspondent Name: Joseph P. Benson

Address Line 1: FISH & RICHARDSON P.C.

**PATENT** 

REEL: 025893 FRAME: 0593

\$40.00 1289569

501455322

•		
Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS	2 S, MINNESOTA 55440-1022	
ATTORNEY DOCKET NUMBER:	18962-0352001 / P9852US1	
NAME OF SUBMITTER:	Joseph P. Benson	
Total Attachments: 16		
source=18962-0352001#page1.tif		
source=18962-0352001#page2.tif		
source=18962-0352001#page3.tif		
source=18962-0352001#page4.tif		
source=18962-0352001#page5.tif		
source=18962-0352001#page6.tif		
source=18962-0352001#page7.tif		
source=18962-0352001#page8.tif		
source=18962-0352001#page9.tif		
source=18962-0352001#page10.tif		
source=18962-0352001#page11.tif		
source=18962-0352001#page12.tif		
source=18962-0352001#page13.tif		
source=18962-0352001#page14.tif		
source=18962-0352001#page15.tif		
source=18962-0352001#page16.tif		

#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Thomas Matthieu Alsina, Bob Bradley, Alan Cannistraro, Scott Forstall, Amandeep Jawa, Nicholas V. King, Lucas Newman, Daniel Trent Preston, Jai Chulani, Jeffrey Robbin, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

Adaptive Media Content Scrubbing on a Remote Device

and which	on is toun	a in
(a)	☐ inventor	U.S. patent application executed on August 31, 2010, entitled as above, listing the above named persons as s.
(b)	X	U.S. patent application filed on 8/31/2010  ☑ under Application No.61/378,904.  ☐ with Express Mail No. (Application Number not yet known).
(c)		U.S. Patent No.; issued

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filling date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this  21st day of Septendur 2018	Signature of Inventor  Thomas Matthieu Alsina
Executed this	Signature of inventor
day of, 20	Bob Bradley
Executed this	Signature of Inventor
day of	Alan Cannistraro
Executed this	Signature of Inventor
day of	Scott Forstall
Executed this	Signature of Inventor
day of 20	Amandeep Jawa
Executed this	Signature of Inventor
day of 20	Nicholas V. King

Executed this			Signature of Inventor
	Saptember	. 20 <u>\</u>	Lucas Newman
Executed this			Signature of Inventor
day of		20	Daniel Trent Preston
Executed this			Signature of Inventor
day of		, 20	Jai Chulani
Executed this			Signature of Inventor
day of		20	Jeffrev Robbin

11104954.doc

#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Thomas Matthieu Alsina, Bob Bradley, Alan Cannistraro, Scott Forstall, Amandeep Jawa, Nicholas V. King, Lucas Newman, Daniel Trent Preston, Jai Chulani, Jeffrey Robbin, hereby sell, assign, and transfer to Apple inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent

### Adaptive Media Content Scrubbing on a Remote Device

and whi	ch is foun	d in	
(a)	☐ inventor	U.S. patent application executed on August 31, 2010, entitled as above, listing the above named persons as s.	
(b)	☒	U.S. patent application filed on 8/31/2010  ☑ under Application No.61/378,904.  ☐ with Express Mail No. (Application Number not yet known).	
(c)	П	U.S. Patent No ' issued	

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this		Signature of Inventor
day of	, 20	Thomas Matthieu Alsina
Executed this		Signature of Inventor
day of	, 20	Bob Bradley
Executed this		Signature of Inventor
day of	, 20	Alan Cannistraro
Executed this		Signature of Inventor
day of	, 20	Scott Forstall
Executed this		Signature of Inventor
day of	, 20	Amandeep Jawa
Executed this		Signature of Inventor
day of	, 20	Nicholas V. King

Executed this		Signature of Inventor
day of _	, 20	Lucas Newman
Executed this	September, 2010	Signature of Inventor  Daniel Trent Preston
Executed this		Signature of Inventor
day of	. 20	Jai Chulani
Executed this		Signature of Inventor
day of _		Jeffrey Robbin

11104954.doc

#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Thomas Matthieu Alsina, Bob Bradley, Alan Cannistraro, Scott Forstall, Amandeep Jawa, Nicholas V. King, Lucas Newman, Daniel Trent Preston, Jai Chulani, Jeffrey Robbin, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

Adaptive Media Content Scrubbing on a Remote Device

and which	ch is foun	d in
(a)	☐ Inventor	U.S. patent application executed on August 31, 2010, entitled as above, listing the above named persons as s.
(b)	☒	U.S. patent application filed on 8/31/2010  ☑ under Application No.61/378,904.  ☐ with Express Mail No. (Application Number not yet known).
(c)		U.S. Patent No.:, issued

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this		Signature of Inventor
day of	, 20	Thomas Matthieu Alsina
Executed this		Signature of Inventor
day of	<u>,</u> 20	Bob Bradley
Executed this		Signature of Inventor
day of	. 20	Alan Cannistraro
Executed this		Signature of Inventor
day of	_ 20	Scott Forstall
Executed this		Signature of Inventor
day of	<u>,</u> 20	Amandeep Jawa
Executed this  16 <sup>th</sup> day of September	20.1 <i>h</i>	Signature of Inventor  M. W. King
day or <u>server</u>	. 2010	Nicholas V. King

Executed this		Signature of Inventor	
day of	, 20	Lucas Newman	
Executed this		Signature of Inventor	
day of	, 20	Daniel Trent Preston	
Executed this		Signature of Inventor	
day of	, 20	Jai Chulani	
Executed this		Signature of Inventor	
day of	, 20	leffrey Robbin	

11104954.doc

#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Thomas Matthleu Alsina, Bob Bradley, Alan Cannistraro, Scott Forstall, Amandeep Jawa, Nicholas V. King, Lucas Newman, Daniel Trent Preston, Jai Chulani, Jeffrey Robbin, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

#### Adaptive Media Content Scrubbing on a Remote Device

and which	ch is foun	d in
(8)	☐ Inventor	U.S. patent application executed on August 31, 2010, entitled as above, listing the above named persons as
(b)		U.S. patent application filed on 8/31/2010  ☑ under Application No.81/378,904.  ☐ with Express Mail No. (Application Number not yet known).
(c)	Д	U.S. Patent No.;, issued

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

T-398 P.001/003 F-742

-MO9-16-2010 12:07PM FROM-

		Attorney Docket No.: 18962-0352P01/	P9852U
Executed this		Signature of Inventor	
day of	, 20	Thomas Matthieu Alsina	
Executed this		Signature of Inventor	
day of	, 20	Bob Bradley	
Executed this		Signature of Inventor	
day of	20	Alaπ Cannistraro	
Executed this		Signature of Inventor	
day of	, 20	Scott Forstall	
Executed this		Signature of Inventor	
day of	, 20	Amandeep Jawa	
Executed this		Signature of Inventor	
day of	_, 20	Nieholac V. King	

T-388 P.002/003 F-742

09-16-2010 12:07PM FROM-

Executed this			Signature of Inventor
day of		. 20   	Lucas Newman
Executed this			Signature of inventor
day of		20	Daniel Trent Preston
Executed this			Signature of Inventor
day of	SEPTEMBER	. 20 <u>/0</u>	Jai Chulani Jai Chulani
Executed this			Signature of Inventor
day of	<u></u>	, 20	Jeffrey Robbin
11104954.doc			

T-388 P.003/003 F-742

PATENT REEL: 025893 FRAME: 0606

08-18-2010 13:08bW FROM-

Attorney	Docket	No. 18	962-03	52P01	P9852USP1

Executed this		Signature of Inventor			
day of	20				
	· · · · · · · · · · · · · · · · · · ·	Thomas Matthieu Alsina	TALK BLOOM AND ADDRESS OF THE PARTY OF THE P		
Executed this		Primary and the			
MARCHINE DELLE REFERE		Signature of Inventor			
1/1 A House	En Augustus militaris	Book Buillo			
white the	-116031M 2010	Bet Buck Cy			
		GOS Bladdy			
Executed this		Signature of Inventor			
		그 사람들은 사람들은 사람들이 얼마나 되었다.			
day of	20	2736 ·			
		Alan Cannistraro			14 A.V
					e, ji Grča A tidlika
	*				
Executed this		Signature of Inventor			
		그리 말고 하기를 내고 있다. 하지말 그릇			
day of	20				
		Scott Forstall			
		도 한다. 그런 하는 경우를 하는데 말하다는 사람들이 얼마나 보통 모든 바꾸게 되었다. 그런 하는 사람들은 사람들은 사람들이 들어 있을 것이 되었다. 사람들이 되었다.			
		: 이 : 소리 전 전 경기 등이 들어 들어 있다는 이 것이 보고 있다면 하다 하는데 	· Vigar		
					4472
Executed this		Signature of Inventor			
					30000
day of					
		Amandeep Jawa			4
				(4. 14. Lab.)	
					**************************************
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Executed this		Signature of Inventor			
day of	20	NAME OF THE OWNER OWNER OF THE OWNER			
		Nicholas V. King			
	187 100 11 A				

Executed this		Signature of Inventor
day of		Thomas Matthieu Alsina
Executed this		Signature of Inventor
day of		Bob Bradley
Executed this		Signature of Inventor
day of	, 20	Alan Cannistraro
Executed this	September 2010	Signature of Inventor  Scott Forstall
		Scott Forstall
Executed this	•	Signature of Inventor
day of	, 20	Amandeep Jawa
Executed this		Signature of Inventor
day of	20	Nicholas V. King

REEL: 025893 FRAME: 0608

Executed this			Signature of inventor
day of		_, 20	Thomas Matthieu Alsina
Executed this			Signature of Inventor
day of		<u>,</u> 20	Bob Bradley
Executed this			Signature of Inventor
<u>2-</u> day of	<u>Sept</u>	_20 <u>10</u>	Alan Cannistrard
Executed this			Signature of Inventor
day of		. 20	Scott Forstall
Executed this			Signature of Inventor
<u>27</u> day of	SEP 7	. 20 <u>/</u> 0	Amaricea Sawa
Executed this			Signature of Inventor
day of		. 20	Nicholas V. King

Executed this	Signature of Inventor
day of	Lucas Newman
Executed this	Signature of Inventor
day of 20	Daniel Trent Preston
Executed this	Signature of Inventor
day of 20	Jai Chulani
Executed this	Signature of inventor
3 day of September 20/0	Jeffrey Robbin

11104954.doc