

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>M. Stelios Patsiokas</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Paul D. Marko</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Kenneth Lerner</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Frank Falcone</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Gary Parsons</td> <td>04/27/2005</td> </tr> <tr> <td>Mr. Robert Acker</td> <td>05/19/2005</td> </tr> </tbody> </table>		Name	Execution Date	M. Stelios Patsiokas	08/27/2004	Mr. Paul D. Marko	08/27/2004	Mr. Kenneth Lerner	08/27/2004	Mr. Frank Falcone	08/27/2004	Mr. Gary Parsons	04/27/2005	Mr. Robert Acker	05/19/2005
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12289085</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12289085										
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CORRESPONDENCE DATA															
Fax Number: 2026599344 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-659-9076 Email: slonganecker@roylance.com Correspondent Name: Stacey J. Longanecker Address Line 1: 1300 19th Street, N.W., Suite 600 Address Line 2: Roylance, Abrams, Berdo & Goodman, LLP Address Line 4: Washington, DISTRICT OF COLUMBIA 20036															
ATTORNEY DOCKET NUMBER:	54261														

NAME OF SUBMITTER:

Stacey J. Longanecker

**Total Attachments: 23**

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**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 7, 2013

PTAS

STACEY J. LONGANECKER  
1300 19TH STREET, N.W., SUITE 600  
ROYLANCE, ABRAMS, BERDO & GOODMAN, LLP  
WASHINGTON, DC 20036

**502221355**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/06/2013

REEL/FRAME: 029762/0677  
NUMBER OF PAGES: 9

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE EXECUTION DATE OF THE ASSIGNMENT DOCUMENT BY THE FIRST INVENTOR PREVIOUSLY RECORDED ON REEL 016599 FRAME 0683. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNMENT OF ASSIGNOR'S INTEREST.

DOCKET NUMBER: 46800

ASSIGNOR:  
PARSONS, GARY, MR.

DOC DATE: 04/27/2005

ASSIGNOR:  
ACKER, ROBERT, MR.

DOC DATE: 05/19/2005

ASSIGNEE:  
XM SATELLITE RADIO INC.  
1500 ECKINGTON PLACE, N.E.  
WASHINGTON, DISTRICT OF COLUMBIA  
20002-2194

APPLICATION NUMBER: 10831343  
PATENT NUMBER: 7454166

FILING DATE: 04/26/2004  
ISSUE DATE: 11/18/2008

TITLE: SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF  
DIGITAL MEDIA CONTENT

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

502221355 02/06/2013

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Execution date of the Assignment document by the first inventor previously recorded on Reel 016599 Frame 0683. Assignor(s) hereby confirms the Assignment of Assignor's Interest.										
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ATTORNEY DOCKET NUMBER:	46800										
NAME OF SUBMITTER:	Stacey J. Longanecker										
Total Attachments: 9											

OP \$40.00 10831343



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 29, 2005

PTAS

ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.  
SUITE 600  
1300 19TH STREET, NW  
WASHINGTON, D.C. 20036



\*103011687A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/25/2005

REEL/FRAME: 016599/0683  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PARSONS, GARY

DOC DATE: ~~05/19/2005~~

04/27/2005

ASSIGNOR:

ACKER, ROBERT

DOC DATE: 05/19/2005

ASSIGNEE:

XM SATELLITE RADIO, INC.  
1500 ECKINGTON PLACE, NE  
WASHINGTON, D.C. 2002-2194

SERIAL NUMBER: 10831343

FILING DATE: 04/26/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF DIGITAL MEDIA CONTENT

Doc'd

File

Rec'd

OCT 07 2005

016599/0683 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SRH

05-31-2005

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

46800

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

(1) Gary Parsons  
(2) Robert Acker

Execution Date(s) May 19, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 9. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

## 2. Name and address of receiving party(ies)

Name: XM Satellite Radio, Inc.

Internal Address:

Street Address: 1500 Eckington Place, NE

City: Washington

State: District of Columbia

Country: U.S.A. Zip: 2002-2194

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application or patent number(s):

A. Patent Application No.(s)  
10/831,343☐ This document is being filed together with a new application.  
B. Patent No.(s)Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: Roylance, Abrams, Berdo &amp; Goodman, L.L.P.

Internal Address: Suite 600

Street Address: 1300 19<sup>th</sup> Street, NW

City: Washington

State: D.C. Zip: 20036

Phone Number: (202) 659-9076

Fax Number: (202) 659-9344

Email Address:

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers  
Expiration Date  
b. Deposit Account Number 18-2220  
Authorized User Name John E. Holmes

## 9. Signature:

  
Signature

May 25, 2005

Date

5/27/2005 BYRME

00000150 10831343

Martin E. Miller

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450PATENT  
REEL: 016599 FRAME: 0683PATENT  
REEL: 029790 FRAME: 0386



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

A S S I G N M E N T

WHEREAS, We, Stelios Patsiokas, Paul Marko, Robert Acker, Kenneth Lerner, Frank Falcone, and Gary Parsons, all citizens of the United States, residing respectively at 857 Northwest 123<sup>rd</sup> Drive, Coral Springs, FL 33071; 6320 S.W. 6<sup>th</sup> Street, Pembroke Pines, Florida 33023; 1221 First Avenue, #603 SE, Seattle WA 98101, 11770 Island Lakes Lane, Boca Raton, FL 33498; 17039 42nd Road North, Loxahatchee, FL 33470, 11009 Stanmore Drive, Potomac, MD 20854 (hereinafter ASSIGNORS), have made a certain invention entitled SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF DIGITAL MEDIA CONTENT for which we are making application for Letters Patent of the United States, which application was filed April 26, 2004 and has been assigned Serial No. 10/831,343; and

WHEREAS, XM Satellite Radio Inc., a corporation duly organized under the laws of the state of Delaware, located and doing business at 1500 Eckington Place NE, Washington, DC 20002-2194 (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

PATENT  
REEL: 016599 FRAME: 0684

PATENT  
REEL: 029790 FRAME: 0387

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Stelio Patsiokas

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Paul D. Marko

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Robert Acker

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness


\_\_\_\_\_  
Kenneth Lerner

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Frank Falcone

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 27th day  
of April, 2005.

  
Witness

  
Gary Parsons

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## ASSIGNMENT

WHEREAS, We, Stelios Patsiokas, Paul Marko, Robert Acker, Kenneth Lerner, Frank Falcone, and Gary Parsons, all citizens of the United States, residing respectively at 857 Northwest 123<sup>rd</sup> Drive, Coral Springs, FL 33071; 6320 S.W. 6<sup>th</sup> Street, Pembroke Pines, Florida 33023; 2809 West Lynn Street, Seattle WA 98199, 11770 Island Lakes Lane, Boca Raton, FL 33498; 17039 42nd Road North, Loxahatchee, FL 33470, 11009 Stanmore Drive, Potomac, MD 20854 (hereinafter ASSIGNORS), have made a certain invention entitled SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF DIGITAL MEDIA CONTENT for which we are making application for Letters Patent of the United States, which application was filed April 26, 2004 and has been assigned Serial No. 10/831,343; and

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

PATENT  
REEL: 016599 FRAME: 0687

PATENT  
REEL: 029790 FRAME: 0390

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Stelio Patsiokas

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Paul D. Marko

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 19<sup>th</sup> day of May, 2004. S

\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Robert Acker

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Kenneth Lerner

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\_\_\_\_\_  
Witness

\_\_\_\_\_  
Frank Falcone

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2005.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Gary Parsons

- 3 -

RECORDED: 05/25/2005

PATENT  
REEL: 016599 FRAME: 0689

PATENT  
REEL: 029790 FRAME: 0392



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 31, 2013

PTAS

STACEY J. LONGANECKER  
1300 19TH STREET, N.W., SUITE 600  
ROYLANCE, ABRAMS, BERDO & GOODMAN, LLP  
WASHINGTON, DC 20036

**502212647**

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RECORDATION DATE: 01/30/2013

REEL/FRAME: 029720/0350  
NUMBER OF PAGES: 10

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE APPLICATION SERIAL NUMBER AND FILING DATE IN THE ASSIGNMENT DOCUMENT PREVIOUSLY RECORDED ON REEL 015767 FRAME 0466. ASSIGNOR(S) HEREBY CONFIRMS THE CORRECTIVE ASSIGNMENT TO CORRECT THE APPLICATION SERIAL NUMBER AND FILING DATE IN THE ASSIGNMENT DOCUMENT.

DOCKET NUMBER: 46800

ASSIGNOR:  
PATSIOKAS, STELIOS, MR.

DOC DATE: 08/27/2004

ASSIGNOR:  
MARKO, PAUL D., MR.

DOC DATE: 08/27/2004

ASSIGNOR:  
ACKER, ROBERT, MR.

DOC DATE: 08/31/2004

ASSIGNOR:  
LERNER, KENNETH, MR.

DOC DATE: 08/27/2004

ASSIGNOR:  
FALCONE, FRANK, MR.

DOC DATE: 08/27/2004

ASSIGNEE:

XM SATELLITE RADIO INC.  
1500 ECKINGTON PLACE, N.E.  
WASHINGTON, DISTRICT OF COLUMBIA  
20002-2194

APPLICATION NUMBER: 10831343

FILING DATE: 04/26/2004

PATENT NUMBER: 7454166

ISSUE DATE: 11/18/2008

TITLE: SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF  
DIGITAL MEDIA CONTENT

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION



502212647 01/30/2013

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Application Serial Number and Filing Date in the Assignment Document previously recorded on Reel 015767 Frame 0466. Assignor(s) hereby confirms the Corrective Assignment to correct the Application Serial Number and Filing Date in the Assignment Document.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mr. Stelios Patsiokas</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Paul D. Marko</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Robert Acker</td> <td>08/31/2004</td> </tr> <tr> <td>Mr. Kenneth Lerner</td> <td>08/27/2004</td> </tr> <tr> <td>Mr. Frank Falcone</td> <td>08/27/2004</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Stelios Patsiokas	08/27/2004	Mr. Paul D. Marko	08/27/2004	Mr. Robert Acker	08/31/2004	Mr. Kenneth Lerner	08/27/2004	Mr. Frank Falcone	08/27/2004
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>XM Satellite Radio Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1500 Eckington Place, N.E.</td> </tr> <tr> <td>City:</td> <td>Washington</td> </tr> <tr> <td>State/Country:</td> <td>DISTRICT OF COLUMBIA</td> </tr> <tr> <td>Postal Code:</td> <td>20002-2194</td> </tr> </table>		Name:	XM Satellite Radio Inc.	Street Address:	1500 Eckington Place, N.E.	City:	Washington	State/Country:	DISTRICT OF COLUMBIA	Postal Code:	20002-2194		
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CORRESPONDENCE DATA													
Fax Number: 2026599344 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-659-9076 Email: slonganecker@roylance.com Correspondent Name: Stacey J. Longanecker Address Line 1: 1300 19th Street, N.W., Suite 600 Address Line 2: Roylance, Abrams, Berdo & Goodman, LLP Address Line 4: Washington, DISTRICT OF COLUMBIA 20036													
ATTORNEY DOCKET NUMBER:	46800												

OP \$40.00 10831343

A S S I G N M E N T

WHEREAS, We, Stelios Patsiokas, Paul Marko, Robert Acker, Kenneth Lerner, Frank Falcone, and Gary Parsons, all citizens of the United States, residing respectively at 857 Northwest 123<sup>rd</sup> Drive, Coral Springs, FL 33071; 6320 S.W. 6<sup>th</sup> Street, Pembroke Pines, Florida 33023; 1221 First Avenue, #603 SE, Seattle WA 98101, 11770 Island Lakes Lane, Boca Raton, FL 33498; 17039 42nd Road North, Loxahatchee, FL 33470; 11009 Stanmore Drive, Potomac, MD 20854 (hereinafter ASSIGNORS), have made a certain invention entitled SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF DIGITAL MEDIA CONTENT for which we are making application for Letters Patent of the United States, which application was filed April 26, 2004 and has been assigned Serial No. 10/831,343; and

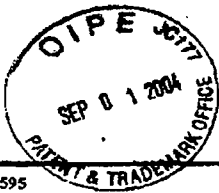
WHEREAS, XM Satellite Radio Inc., a corporation duly organized under the laws of the state of Delaware, located and doing business at 1500 Eckington Place NE, Washington, DC 20002-2194 (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;



09-08-2004

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PATENTS ONL.Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Our Ref.: 46800

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> <u>9.1.04</u> Stellos Patslokas      Kenneth Lerner Paul Marko      Frank Falcone Robert Acker		<b>2. Name and address of receiving party(ies)</b> Name: <u>XM Satellite Radio Inc.</u> Internal Address: _____ _____ _____ Street Address: <u>1550 Eckington Place, N.E.</u> _____ _____ City: <u>Washington</u> State: <u>DC</u> Zip: <u>20002-2194</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ August 27, 2004 Execution Date: <u>August 31, 2004</u>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s)      B. Patent No.(s) <u>10/831,343</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Roylance, Abrams, Berdo &amp; Goodman, LLP</u> Internal Address: _____ _____ Street Address: <u>1300 19th Street, N.W., Suite 600</u> _____ City: <u>Washington</u> State: <u>DC</u> Zip: <u>20036</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 3.41).....\$</b> <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <b>8. Deposit account number:</b> <u>18-2220</u> (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Martin E. Miller (Reg. No. 56,022)</u> <u>Martin E. Miller</u> <u>September 1, 2004</u> Name of Person Signing      Signature      Date Total number of pages including cover sheet, attachments, and documents: <u>7</u>			

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 015767 FRAME: 0466PATENT  
REEL: 029790 FRAME: 0397

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, We, Stelios Patsiokas, Paul Marko, Robert Acker, Kenneth Lerner and Frank Falcone, all citizens of the United States, residing respectively at 857 Northwest 123<sup>rd</sup> Drive, Coral Springs, FL 33071; 6320 S.W. 6<sup>th</sup> Street, Pembroke Pines, Florida 33023; 6419 22<sup>nd</sup> Street N, Arlington, VA 22205, 11770 Island Lakes Lane, Boca Raton, FL 33498; 17039 42nd Road North, Loxahatchee, FL 33470 (hereinafter ASSIGNORS), have made a certain invention entitled SYSTEM AND METHOD FOR PROVIDING RECORDING AND PLAYBACK OF DIGITAL MEDIA CONTENT for which we are making application for Letters Patent of the United States, which application was filed October 25, 2000 and has been assigned Serial No. 09/695,228; and

WHEREAS, XM Satellite Radio Inc., a corporation duly organized under the laws of the state of Delaware, located and doing business at 1500 Eckington Place NE, Washington, DC 20002-2194 (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

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PATENT

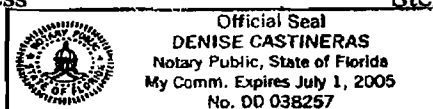
REEL: 029790 FRAME: 0398

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

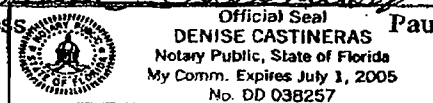
IN WITNESS WHEREOF, I have hereunder set my hand and seal this 27<sup>th</sup> day of August, 2004.

Denise Castneras Stelios Patsiokas  
Witness



IN WITNESS WHEREOF, I have hereunder set my hand and seal this 27<sup>th</sup> day of August, 2004.

Denise Castneras Paul D. Marko  
Witness



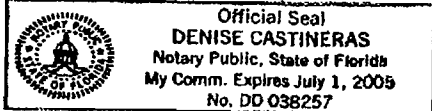
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Witness

Robert Acker

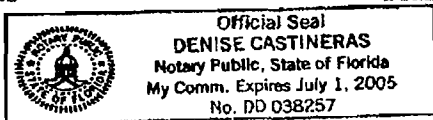
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Denise Castineras Th L Lerner  
Witness Kenneth Lerner



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Denise Castineras Th L Falcone  
Witness Frank Falcone



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AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention,

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including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Stelio Patsiokas

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Paul D. Marko

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 31<sup>st</sup> day of August, 2004.

\_\_\_\_\_  
Witness

  
Robert Acker

- 2 -

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REEL: 015767 FRAME: 0471

PATENT  
REEL: 029790 FRAME: 0402



IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Kenneth Lerner

IN WITNESS WHEREOF, I have hereunder set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Frank Falcone

- 3 -

TOTAL P.07

RECORDED: 09/01/2004

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REEL: 015767 FRAME: 0472

RECORDED: 02/11/2013

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