

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Mr. Paul D. Marko</td> <td>01/28/2001</td> </tr> <tr> <td>Mr. Craig P. Wadin</td> <td>01/29/2001</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Paul D. Marko	01/28/2001	Mr. Craig P. Wadin	01/29/2001
Name	Execution Date						
Mr. Paul D. Marko	01/28/2001						
Mr. Craig P. Wadin	01/29/2001						
RECEIVING PARTY DATA							
Name:	XM Satellite Radio Inc.						
Street Address:	1500 Eckington Place, N.E.						
City:	Washington						
State/Country:	DISTRICT OF COLUMBIA						
Postal Code:	20002-2194						
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>12457023</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12457023		
Property Type	Number						
Application Number:	12457023						
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						
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Address Line 2:	Roylance, Abrams, Berdo & Goodman, LLP						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036						
ATTORNEY DOCKET NUMBER:	55487						
NAME OF SUBMITTER:	Stacey J. Longanecker						
<p>Total Attachments: 5</p> <p>source=55487 Parent Assignment Document incl. Notice of Recordation#page1.tif</p> <p>source=55487 Parent Assignment Document incl. Notice of Recordation#page2.tif</p> <p>source=55487 Parent Assignment Document incl. Notice of Recordation#page3.tif</p> <p>source=55487 Parent Assignment Document incl. Notice of Recordation#page4.tif</p> <p>source=55487 Parent Assignment Document incl. Notice of Recordation#page5.tif</p>							

OP \$40.00 12457023



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

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MAY 11, 2001

PTAS

ROYLANCE, ABRAMS, BERDO ET AL.
STACEY J. LONGANECKER
1300 19TH STREET, N.W., SUITE 600
WASHINGTON D.C. 20036



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UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 03/01/2001

REEL/FRAME: 011554/0913
NUMBER OF PAGES: 4

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

ASSIGNOR:
MARKO, PAUL D.

DOC DATE: 01/28/2001

ASSIGNOR:
WADIN, CRAIG P.

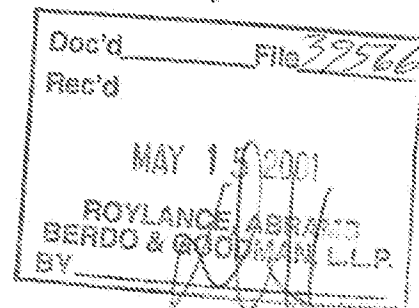
DOC DATE: 01/29/2001

ASSIGNEE:
XM SATELLITE RADIO, INC.
1500 ECKINGTON PLACE N.E.
WASHINGTON, D.C. 20002-2194

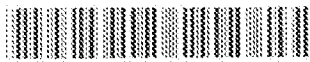
SERIAL NUMBER: 09695226
PATENT NUMBER:

FILING DATE: 10/25/2000
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



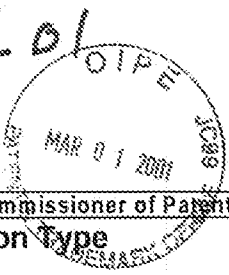
03-09-2001



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RECORDATION FORM COVER SHEET
PATENTS ONLY

39566



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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- Correction of PTO Error
Reel # Frame #
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Reel # Frame #

Conveyance Type

- Assignment Security Agreement
 - License Change of Name
 - Merger Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) Paul D. Marko 01/28/2001

Name (line 2) Execution Date
Month Day Year

Second Party

Name (line 1) Craig P. Wadin 01/29/2001

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) XM Satellite Radio Inc. If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 1500 Eckington Place N.E.

Address (line 2)

Address (line 3) Washington DC 20002-2194
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text" value="09/695,226"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT
only if a U.S. Application Number PCT PCT PCT
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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Stacey J. Longanecker

03/01/2001

Name of Person Signing

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

A S S I G N M E N T

WHEREAS, We, Paul D. Marko and Craig P. Wadin, both citizens of the United States, residing respectively at 6320 S.W. 6 St., Pembroke Pines, Florida 33023, and 11015 N.W. 27 St., Sunrise, Florida 33322 (hereinafter ASSIGNORS), have made a certain invention entitled METHOD AND APPARATUS FOR EMPLOYING STORED CONTENT AT RECEIVERS TO IMPROVE EFFICIENCY OF BROADCAST SYSTEM BANDWIDTH USE 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. 09/695,226; 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;

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 28 day of January, 2001.

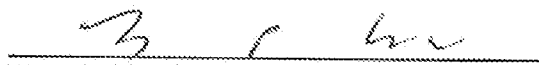
Witness



Paul D. Marko

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 28 day of January, 2001.

Witness



Craig F. Wadin