

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mr. Paul D. Marko	08/10/2001
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	
Property Type	Number
Application Number:	13618906
CORRESPONDENCE DATA	
Fax Number:	2026599344
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(202) 659-9076
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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:	59858
NAME OF SUBMITTER:	Stacey J. Longanecker
Total Attachments: 5 source=59858 Parent Assignment Document incl. Notice of Recordation#page1.tif source=59858 Parent Assignment Document incl. Notice of Recordation#page2.tif source=59858 Parent Assignment Document incl. Notice of Recordation#page3.tif source=59858 Parent Assignment Document incl. Notice of Recordation#page4.tif source=59858 Parent Assignment Document incl. Notice of Recordation#page5.tif	

OP \$40.00 13618906

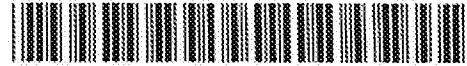


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

OCTOBER 29, 2001

PTAS

ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.
STACEY J. LONGANECKER
1300 19TH STREET, N.W.
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WASHINGTON, D.C. 20036



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UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 08/20/2001

REEL/FRAME: 012102/0573
NUMBER OF PAGES: 4

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

ASSIGNOR:
MARKO, PAUL D.

DOC DATE: 08/10/2001

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

SERIAL NUMBER: 09849237
PATENT NUMBER:

FILING DATE: 05/07/2001
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

JEH/SJC

Doc'd	File <i>41750</i>
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NOV 1 2001	
ROYLANCE ABRAMS BERDO & GOODMAN, L.L.P.	
BY	<i>[Signature]</i>

PATENT

REEL: 029633 FRAME: 0202



08-28-2001



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Patent and Trademark Office
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Document ID#
- ☐ **Correction of PTO Error**
Reel # Frame #
- ☐ **Corrective Document**
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
 August 10, 2001

Name (line 1) Paul D. Marko

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

- ☐ **Mark if additional names of receiving parties attached**

Name (line 1) XM Satellite Radio Inc.

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

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Domestic Representative Name and Address

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**Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**

**PATENT
REEL: 029633 FRAME: 0203**

Correspondent Name and Address

Area Code and Telephone Number (202) 530-7374

Name Stacey J. Longanecker

Address (line 1) Roylance, Abrams, Berdo & Goodman, L.L.P.

Address (line 2) 1300 19th Street, N.W., Suite 600

Address (line 3) Washington, D.C. 20036

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Pages

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

2

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)

09/849,237

Patent Number(s)

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
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

18-2220

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

Name of Person Signing

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, I, Paul D. Marko, a citizen of the United States, respectively residing respectively at 6320 S.W. 6 Street, Pembroke Pines, Florida 33023 (hereinafter ASSIGNOR), has made a certain invention entitled METHOD AND APPARATUS FOR CONCATENATED CONVOLUTIONAL ENCODING AND INTERLEAVING for which I am making application for Letters Patent of the United States, described in the specification filed in the U.S. Patent and Trademark Office on May 7, 2001 and assigned Serial No. 09/849,237; 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 Pl., N.E., Washington, D.C. 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 me by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, 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 my 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 I 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 I further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

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

AND I 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 I make these provisions binding upon my heir, 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 18
day of AUGUST, 2001.


Paul D. Marko