PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	BMISSION TYPE: NEW ASSIGNMENT		
NATURE OF CONVEY	ANCE:	ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
Mr. Paul D. Marko			08/10/2001
RECEIVING PARTY D	ATA		
Name:	XM Satellite Radio	Inc.	
Street Address:	1500 Eckington Pl	ace, N.E.	
City:	Washington		
State/Country:	DISTRICT OF CO	LUMBIA	
Postal Code:	20002-2194		
PROPERTY NUMBER	S Total: 1		
Property Ty	уре	Number	
Application Number:	136	18906	
CORRESPONDENCE	DATA		361 8006
Fax Number:	2026599344		5918 191
-		hen the fax attempt is unsuccessful.	
Phone: Email:	(202) 659-90	76	
	-	r@roylance.com nganecker	
Correspondent Name: Address Line 1:	Stacey J. Lo	nganecker	
Correspondent Name:	Stacey J. Lo 1300 19th St		
Correspondent Name: Address Line 1:	Stacey J. Lo 1300 19th St Roylance, Al	nganecker reet, N.W., Suite 600	
Correspondent Name: Address Line 1: Address Line 2:	Stacey J. Lo 1300 19th St Roylance, Al Washington,	nganecker reet, N.W., Suite 600 prams, Berdo & Goodman, LLP	
Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Stacey J. Lo 1300 19th St Roylance, Al Washington, NUMBER:	nganecker reet, N.W., Suite 600 orams, Berdo & Goodman, LLP DISTRICT OF COLUMBIA 20036	



OCTOBER 29, 2001

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UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

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Washington, D.C. 20231

ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P STACEY J. LONGANECKER 1300 19TH STREET, N.W. SUITE 600 WASHINGTON, D.C. 20036

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RECORDATION DATE: 08/20/2001

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

DOC DATE: 08/10/2001

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

ASSIGNOR:

MARKO, PAUL D.

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:

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PATENT REEL: 029633 FRAME: 0202

SAUNDRA BALLENGER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDI Mail documents to be recorded with required cover sheet(s) information to:	Information Collection	Mail documents to be recorded with required cover sheet(s) information to:
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Correspondent Nam	e and Address Allen A	rea Code and Telephone Nu	mber (202) 530-7374
Name Stacov I	Longanecker		
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Address (line 1) Roylance	, Abrams, Berdo & Goodi	nan, L.L.P.	
Address (line 2) 1300 191	n Street, N.W., Suite 600		
Address (line 3) Washing	on, D.C. 20036		
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REEL: 029633 FRAME: 0204

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<u>ASSIGNMENT</u>

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 1δ day of AUGUST, 2001.

1/1/2

Paul D. Marko

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