

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Carl Scarpa	08/04/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Sirius XM Radio Inc.
Street Address:	1221 Avenue of the Americas
City:	New York
State/Country:	NEW YORK
Postal Code:	10020
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12497339
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Total Attachments: 2 source=99908_30741Assg#page1.tif source=99908_30741Assg#page2.tif	

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**ASSIGNMENT**

WHEREAS I, **Carl SCARPA**, residing at 9 Mershon Lane, Plainsboro, New Jersey 08536, citizen of the United States of America (hereinafter referred to as the "ASSIGNOR"), have invented certain new and useful improvements in **METHOD TO MINIMIZE INTERFERENCE INTO LEGACY SDARS RECEPTION BY VARYING OVERLAY MODULATION AS A FUNCTION OF SATELLITE POSITION**, for which we have executed an application for Letters Patent of the United States filed on **July 2, 2009** and assigned serial number **12/497,339**, and whereas **Sirius XM Radio Inc.**, a corporation having an office and principal place of business at 1221 Avenue of the Americas, New York, NY 10020 (hereinafter referred to as the "ASSIGNEE"), is desirous of obtaining the entire right, title and interest in, to and under the improvements and the application;

NOW, THEREFORE, for good and valuable consideration paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assigns, transfers and sets over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the improvements, and the application and all divisions, renewals, substitutes and continuations thereof, and all Letters Patent of the United States that may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent and any legal equivalent thereof, including the right to claim priority, that have been or may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent and any legal equivalent thereof that may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNOR if this Assignment had not been made, to the end of the term or terms for which any Letters Patent and any legal equivalent thereof may be granted;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to record this Assignment, and to issue all Letters Patent for the improvements to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement, assignment, sale or encumbrance in conflict herewith.

AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the improvements, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

