

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4062380

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARL SCARPA	02/17/2009
EDWARD SCHELL	02/17/2009
CHRISTOPHER STROLLE	02/17/2009
RECEIVING PARTY DATA	
Name:	SIRIUS XM RADIO INC.
Street Address:	1290 AVENUE OF THE AMERICAS
Internal Address:	11TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10104
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15271751
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	kpatent@kramerlevin.com
Correspondent Name:	KRAMER LEVIN NAFTALIS & FRANKEL LLP INTE
Address Line 1:	1177 AVENUE OF THE AMERICAS
Address Line 4:	NEW YORK, NEW YORK 10036
ATTORNEY DOCKET NUMBER:	099908-30091
NAME OF SUBMITTER:	DIANE TORNIALI
SIGNATURE:	/Diane Torniali/
DATE SIGNED:	09/21/2016
Total Attachments: 4	
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ASSIGNMENT

WHEREAS We, Carl Scarpa, residing at 9 Mershon Ln, Plainsboro, NJ 08536, United States, citizen of the United States of America, Edward Schell, residing at 6 Okjin Street, Jackson NJ 08527, United States, citizen of the United States of America, and Christopher Strolle, residing at 1250 Hazelwood Dr., Fort Washington, PA 19034, United States, (hereinafter referred to as the "ASSIGNORS"), have invented certain new and useful improvements in citizen of the United States of America, **OVERLAY MODULATION TECHNIQUE FOR COFDM SIGNALS BASED ON AMPLITUDE OFFSETS**, for which we have executed an application for Letters Patent of the United States filed on August 1, 2008 and assigned serial number 12/184,659, 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 ASSIGNORS, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, it's 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 it's own use and benefit and for the use and benefit of it's successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNORS 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 ASSIGNORS HEREBY authorize and request 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, it's successors, legal representatives and assigns, in accordance with the terms of this instrument;

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

AND ASSIGNORS HEREBY further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, it's successors, legal representatives and assigns, any facts known to ASSIGNORS 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

Edward Schell
Edward Schell

2/17/2009
Date

STATE OF New Jersey }
COUNTY OF Mummouth } ss.:

On this 17 day of February, 2009, before me appeared Edward Schell to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he signed this instrument of Assignment in my presence.

Deborah J Costa
Notary Public

DEBORAH J COSTA
Notary Public of New Jersey
My Commission Expires July 23, 2011

Christopher Strolle

Christopher Strolle

2/17/2009

Date

STATE OF *New Jersey* }
COUNTY OF *Monmouth* } ss.:

On this *17th* day of *FEB.*, 2009, before me appeared Christopher Strolle to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he signed this instrument of Assignment in my presence.

Deborah J Costa
Notary Public

DEBORAH J COSTA
Notary Public of New Jersey
My Commission Expires July 23, 2011