

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4451456

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL J. DELUCA	09/20/2005
RECEIVING PARTY DATA	
Name:	INTEROPERABLE TECHNOLOGIES LLC
Street Address:	600 W. HILLSBORO BLVD., SUITE 130
City:	DEERFIELD BEACH
State/Country:	FLORIDA
Postal Code:	33441
Name:	SIRIUS SATELLITE RADIO, INC.
Street Address:	1221 AVENUE OF THE AMERICAS
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10020
Name:	XM SATELLITE RADIO, INC.
Street Address:	1500 ECKINGTON PLACE N.E.
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9391726
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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ATTORNEY DOCKET NUMBER:	099908/30802
NAME OF SUBMITTER:	HELEN T. HU
SIGNATURE:	/Helen T. Hu/
DATE SIGNED:	06/08/2017
Total Attachments: 2 source=Signed Assignment from DeLuca to Sirius and Interoperable Entities#page1.tif source=Signed Assignment from DeLuca to Sirius and Interoperable Entities#page2.tif	

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

Interoperable Technologies LLC
600 W. Hillsboro Blvd., Suite 130
Deerfield Beach, FL 33441

Sirius Satellite Radio, Inc.
1221 Avenue of the Americas
New York, New York 90020

XM Satellite Radio, Inc.
1500 Eckington Place N.E.
Washington, District of Columbia 20002

and Interoperable Technologies LLC, Sirius Satellite Radio, Inc. and XM Satellite Radio, Inc. desire to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for United States Patent: **WIRELESS SATELLITE DIGITAL AUDIO RADIO SERVICE (SDARS) HEAD UNIT WITH PORTABLE SUBSCRIPTION AND CELL PHONE ABILITIES**

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number 663-P0001**;

(select one): executed concurrently herewith **or** Serial No. _____ Filed on _____

for and to said United States Patent Application including any and all non-provisional, divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to **Interoperable Technologies LLC, Sirius Satellite Radio, Inc., XM Satellite Radio, Inc.**, their successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the Assignees, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the Assignees all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by Assignees, and their legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the Assignees, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions;

Each undersigned inventor hereby grants the Assignees and the firm of FLEIT, KAIN, GIBBONS, GUTMAN, BONGINI & BIANCO P.L., the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment. This agreement is governed by the laws of the State of Florida.

Executed by Inventor 1 of 1

Signature: Michael J. De Luca Date: 9/20/2005
Michael J. DE LUCA
Signed in: City of: Deerfield Beach, County of: Broward, State of: Florida