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11-25-2005

PATENT

RECORDATION

To the Honorable Director of the US Patent
document(s) or copy thereof:

103125265

he attached original

1. Name of conveying party(ies):

Execution Date:

Michael J. DE LUCA
Paul KELLEY
Nitesh SINGHAL

11/16/05

November 16, 2005
November 16, 2005
November 16, 2005113219 U.S. PTO
11/28/2005

2. Name and address of receiving party:

Interoperable Technologies LLC, 600 W. Hillsboro Blvd., Suite 130, Deerfield Beach, FL 33441
XM Satellite Radio, Inc., 1500 Eckington Place N.E., Washington, DC 20002
Sirius Satellite Radio, Inc., 1221 Avenue of the Americas, New York, NY 90020

Additional name(s) & address(es) attached?

Yes ☒ No3. Nature of conveyance: ☒ Assignment

4. Application or 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. November 16, 2005

A. Patent Application No.(s):

B. Patent No.(s):

5. Name and address of party to whom
correspondence concerning document should
be mailed:Customer No. 23334
Jeffrey Giunta
FLEIT, KAIN, GIBBONS, GUTMAN,
BONGINI & BIANCO P.L.
551 Northwest 77th Street, Suite 111
Boca Raton, Florida 334876. Total number of applications and patents
involved: 17. Total fee (37 CFR 3.41): \$ 40.00The Commissioner is hereby authorized to charge
this fee and any additional fees to deposit account
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8. 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.Jeffrey Giunta
Name of Person Signing

Signature

November 16, 2005
DateTotal number of pages including cover sheet, attachments and document: 3

Mail document(s) to be recorded with required cover sheet information to:

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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

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

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

and Interoperable Technologies LLC, XM Satellite Radio, Inc. and Sirius 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 **PROPRIETARY RADIO CONTROL HEAD WITH AUTHENTICATION**
United States Patent:

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-P0002**;

(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, XM Satellite Radio, Inc., Sirius 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 3

Signature: Michael J. De Luca Date: 11/16/2005
Michael J. DE LUCA
Signed in: City of: Deerfield Beach, County of: Broward, State of: Florida

Executed by Inventor 2 of 3

Signature: Paul Kelley Date: 11/16/2005
Paul KELLEY
Signed in: City of: Deerfield Beach, County of: Broward, State of: FLORIDA

Executed by Inventor 3 of 3

Signature: Nitesh Singhal Date: 11/16/2005
Nitesh SINGHAL
Signed in: City of: Deerfield Beach, County of: Broward, State of: Florida