FORM PTO-1619A Expires 06/30/99 OM8 0651-0027



U.S. Department of Commerce

02-09-2000



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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission Type	Conveyance Type			
X New	X Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government			
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date			
Name (line 1) David Brown	Month Day Year			
Name (line 2)				
Second Party	Execution Date Month Day Year			
Name (line 1) Craig Wadin 01/21/00				
Name (line 2)				
Receiving Party Mark if additional names of receiving parties attached				
Name (line 1) XM Satellite Radio Inc.				
Name (line 2) A Corporation of Delaware Receiving party is not domiciled in the United States, an appointment				
Address (line 1) 1250 23rd Street NW of a domestic representative is attached. (Designation must be a				
Address (line 2) Suite 57	separate document from Assignment.)			
Address (line 3) Washington	DC State/Country Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.				
Name Joseph Titlebaum, Senior Vice	President			
Address (line 1) XM Satellite Radio Inc.				
Address (line 2) 1250 23rd Street NW				
Address (line 3) Suite 57				
Address (line 4) Washington, DC 20037				
2000 MARHOL 0000070 09434734 FOR OFFICE USE ONLY				
7581 40.00 DP				

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

> **PATENT REEL: 010528 FRAME: 0231**

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U.S. Department of Commerce Patent and Trademark Office

OMB 0651-0027 PATENT
Correspondent Name and Address Area Code and Telephone Number 310-553-2400
Name Benman & Collins
Address (line 1) 2049 Century Park East
Address (line 2) Suite 2740
Address (line 3) Los Angeles, CA 90067
Address (line 4)
Pages Enter the total number of pages of the attached conveyance document including any attachments. # 2
Application Number(s) ar Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).
Patent Application Number(s) Patent Number(s)
If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor.
Patent Cooperation Treaty (PCT)
Enter PCT application number PCT PCT PCT PCT PCT
only if a U.S. Application Number PCT PCT PCT
has not been assigned.
Number of Properties Enter the total number of properties involved. #
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed \overline{X} Deposit Account $\overline{\Box}$ Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number:
Authorization to charge additional fees: Yes No
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. Charges to deposit account are authorized, as indicated herein.
William J. Benman, Jr. William J. Benman 1/27/00
Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, we David L. Brown and Craig Wadin have invented:

METHOD AND APPARATUS FOR DISPATCH COMMUNICATIONS IN A BROADCAST RADIO SYSTEM

as described and claimed in the application executed by us of even date herewith, preparatory to obtaining a Letters Patent of the United States therefor; and

WHEREAS, XM SATELLITE RADIO INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 1250 23rd Street NW, Suite 57, Washington, DC 20037 is desirous of acquiring the entire right, title, and interest in and to the said invention, application, and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of One Dollar (\$1.00) to us in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, we, David L. Brown and Craig Wadin have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto **XM Satellite Radio Inc.**, its successors and assigns, the entire right, title, and interest in and to the invention, application executed of even date herewith, and any Letters Patent which may be granted therefor or thereon, together with any and all divisions, continuations, reissues and extensions thereof, and all our foreign rights to the said invention, and all our rights under the International Convention in respect to the said invention and application, and authorize the said **XM Satellite Radio Inc.**, to apply for Letters Patent or equivalents in foreign countries, claiming the filing date of the U. S. application under the provisions of the International Convention. We hereby agree to communicate **XM Satellite Radio Inc.** or its representatives any facts known to us respecting the invention, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that **XM Satellite Radio Inc.**, may make application for Letters Patent or equivalents on the invention in foreign countries in its own name.

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We hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or on the invention and assigns, in accordance with this assignment.

Name of First Inventor: David L. Brown	117	
Signature of Inventor:	1/12	
Date:	21/00	
Name of Second Inventor: Craig Wadin		
Signature of Inventor:	ha	
Date:/ 1/2	21100	
FLORIDA		
STATE OF DELAWARE)		
) ss.: COUNTY OF)		
On this 25th day of January		
and $\frac{N/P}{}$, to me known	own to	
be the persons whose names are subscrinstrument, and acknowledged to me that	he executed the same.	
Notary Public	Javen	
SEAL		
Gail E Lewin Notary Public, State of Florida My Comm. Expires Aug 22, 2000 No. CC578767	DAVID LYN BROWN	U FLDL±B650-17: 60-430-0
Bonded Thru: Official Notary Service 1-(800) 723-0121	CRAIG P. WADIN F	TL. D. L. # N350-115-54-
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RECORDED: 02/01/2000

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