503609163 12/14/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL D. ELLIS	07/31/2009
CARON SCHWARTZ	07/31/2009

RECEIVING PARTY DATA

Name:	3D RADIO, LLC	
Street Address:	1715 COLUMBINE AVENUE	
City:	BOULDER	
State/Country:	COLORADO	
Postal Code:	80302	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14943002

CORRESPONDENCE DATA

Fax Number: (202)282-5100

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.

Phone: 202-282-5202

Email: eanderson@winston.com

Correspondent Name: WINSTON & STRAWN LLP

Address Line 1: 1700 K STREET, N.W.

Address Line 2: PEJMAN SHARIFI

Address Line 4: WASHINGTON, D.C. 20006-3817

ATTORNEY DOCKET NUMBER:	86198-24289
NAME OF SUBMITTER:	PEJMAN SHARIFI
SIGNATURE:	/Pejman Sharifi/
DATE SIGNED:	12/14/2015

Total Attachments: 3

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PATENT 503609163 REEL: 037278 FRAME: 0575

ASSIGNMENT

WHEREAS, each of

Caron S. ELLIS and Michael D. ELLIS, citizens of Colorado residing at 1300 Kingwood Place, Boulder, CO 80304, ASSIGNORS, are inventors in one or more of the patents or patent applications identified in Exhibit A.

WHEREAS, 3D Radio LLC, a limited liability corporate body having a place of business at 1300 Kingwood Place, Boulder, CO 80304, ASSIGNEE, is desirous of obtaining each inventors' entire right, title and interest in, to and under the said invention, the said applications and corresponding applications worldwide.

NOW, THEREFORE, in exchange for good and valuable consideration to each inventor, the receipt and sufficiency of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including any United States provisional or non-provisional application embodying the invention or any other United States application claiming priority to a provisional application under 35 U.S.C. § 119(e) or converted therefrom, or to any application claiming the benefit of a non-provisional application under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention 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 the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;

And each 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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

PATENT REEL: 037278 FRAME: 0576 And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

7/31/09	CA Ellia
Date /	Caron S. Ellis
7/31/09	mades.
Date	Michael D. Ellis
STATE OF COLORADO)	
COUNTY OF BOULDER)	
personally appeared Caron S. Luis and M.	, 2009, before me, a Notary Public, ichael D. Ellis, to me known and known to me to be regoing instrument and acknowledged the same to be
Katteine of Ramme	KATHERINE H. KEENAN
Notary Public	NOTARY PUBLIC
My Commission Expires 04/14/2012	STATE OF COLORADO
My Commission Expires	

EXHIBIT A

Application No.	Publication No.	Filing Date	Title
60/270,463	A. 16 to The Party of the State	20-Feb- 01	Enhanced Radio System
PCT/US2002/005039	WO/2002/067447	20-Feb- 02	Enhanced Radio Systems and Methods
10/645,928	7,171,174	20-Aug- 03	Multiple radio signal processing and storing method and apparatus
10/869,415	7,343,141	15-Jun- 04	Concurrent content capturing radio systems and methods
11/609,512	20070127726	12-Deo- 06	Multiple radio signal processing and storing methods and apparatus
61/019,094	N/A	4-Jan-08	Multi-Tuner Radio Systems and Methods
61/019,101	N/A	4-Jan-08	Digital Radio Systems and Methods
12/033,616	20090023406	19-Feb- 08	Enhanced Radio Systems and Methods
61/043,604	N/A	9-Apr-08	Alternate User Interfaces for Multi Tuner Radio Device
61/043,597	N/A	9-Apr-08	Radio Device with Virtually Infinite Simultaneous Inputs
12/348,765	N/A	5-Jan-09	Multi-Tuner Radio Systems and Methods
12/348,775	N/A	5-Jan-09	Digital Radio Systems and Methods
12/420,650	N/A	8-Apr-09	Alternate User Interfaces for Multi Tuner Radio Device
12/420,670	N/A	8-Apri-09	Radio Device with Virtually Infinite Simultaneous Inputs
EP2002000714942	EP1364469	12-Sep- 03	Enhanced Radio Systems and Methods
CA2002002438998	CA2438998	20-Aug- 03	Enhanced Radio Systems and Methods

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