

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ECHOSTAR TECHNOLOGIES INTERNATIONAL CORPORATION	11/08/2017
RECEIVING PARTY DATA		
Name:	THUUZ, INC.	
Street Address:	438 ADDISON AVENUE	
City:	PALO ALTO	
State/Country:	CALIFORNIA	
Postal Code:	94301	
PROPERTY NUMBERS Total: 3		
	Property Type	Number
	Application Number:	14058782
	Application Number:	14058938
	Patent Number:	9788062
CORRESPONDENCE DATA		
Fax Number:	(650)362-1800	
<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>		
Phone:	650-209-4884	
Email:	pto@raubvogel.com	
Correspondent Name:	AMIR H. RAUBVOGEL	
Address Line 1:	RAUBVOGEL LAW OFFICE	
Address Line 2:	820 LAKEVIEW WAY	
Address Line 4:	REDWOOD CITY, CALIFORNIA 94062	
ATTORNEY DOCKET NUMBER:	THU9006 THU9007 THU9002	
NAME OF SUBMITTER:	AMIR H. RAUBVOGEL	
SIGNATURE:	/Amir H. Raubvogel/	
DATE SIGNED:	01/11/2018	
Total Attachments: 3		
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source=2017_11_10_EchoStar_Agreement_Notarized#page2.tif		
source=2017_11_10_EchoStar_Agreement_Notarized#page3.tif		

PATENT ASSIGNMENT

WHEREAS, EchoStar Technologies International Corporation, a corporation organized and existing under the laws of the State of Colorado, and having a principal place of business of 100 Inverness Terrace East, Englewood, CO 80112 ("ASSIGNOR"), owns rights in, to and under the patent applications set forth in the attached Exhibit B (the "Properties"); and

WHEREAS, Thuuz, Inc., a corporation organized under the laws of the State of Delaware and having a place of business at 438 Addison Avenue, Palo Alto, CA 94301 ("ASSIGNEE"), is desirous of acquiring ASSIGNOR'S entire right, title and interest in, to and under the Properties.

WHEREAS, Assignor, to the extent they own any right, title and interest in and to the Properties is desirous of assigning any and all such rights, title and/or interest to Assignee.

NOW, THEREFORE, USD \$1.00 and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the Properties and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefore and thereon (including any divisions, continuations, continuations-in-part, reissues, reexaminations or extensions of letters patents and other related applications arising from, corresponding to and/or claiming priority to any of the Properties) and the registration thereof, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made, and further including all income, royalties, damages and payments for past or future infringements and misappropriations thereof, all rights to sue for past, present and future infringements or misappropriations thereof, and all rights corresponding to any of the above throughout the world and for the full term or terms of assigned Properties;

AND for the same consideration, ASSIGNOR hereby covenants and agrees to and with ASSIGNEE, its successors, legal representatives and assigns, that ASSIGNOR will encourage its employees named as inventors on one or more of the assigned Properties, to make, execute and deliver any and all other instruments in writing as may be necessary to assign the Properties to ASSIGNEE, including, but not limited to, any and all further application papers, affidavits, assignments and other documents, and that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, all facts known to ASSIGNOR relating to the Properties, and that ASSIGNOR will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure to and vest in ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in and to the Properties;

Exhibit B

ASSIGNED PATENT APPLICATIONS

U.S. Serial No. 62/044,178, filed 8/29/14, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

U.S. Patent No 9,788,062, filed 8/28/15, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

U.S. Serial No 15/714,955, filed 9/25/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

PCT Serial No App PCT/US15/14570, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA," and any national stage applications claiming priority thereto.

Australia Patent Serial No. 2015308623, filed 2/24/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

Canada Patent Serial No. (not yet assigned), filed 2/27/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

European Patent Serial No. 15 772 049.1, filed 2/28/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

Japan Patent Serial No. 2017-511667, filed 2/28/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

Chinese Patent Application No. 201580051658.8, filed 6/2/17, entitled "SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA"

U.S. Serial No 14/058,782, filed 10/21/13, entitled "DYNAMIC MEDIA RECORDING"

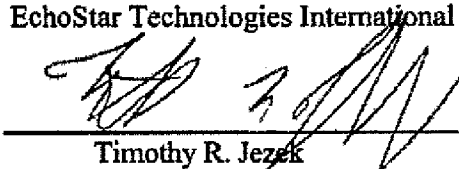
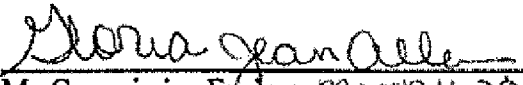
U.S. Serial No 14/058,938, filed 10/21/13, entitled "DYNAMIC MEDIA VIEWING"

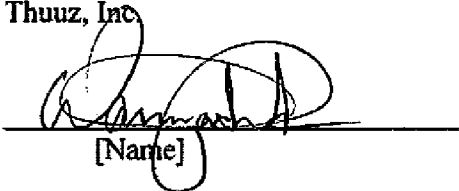
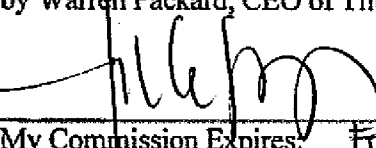
PCT Serial No PCT/US14/60651 filed 10/15/14, entitled "DYNAMIC MEDIA VIEWING" and any national stage applications claiming priority thereto.

European Patent Serial No 14799252.3 filed 10/15/14, entitled "DYNAMIC MEDIA VIEWING"

AND THE ASSIGNOR HEREBY authorizes and requests the Commissioner of the United States Patent and Trademark Office, and any official of any country or countries foreign to the United States, whose duty 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.

IN WITNESS WHEREOF, the undersigned have executed this Patent Assignment and License Agreement as of the 8th day of November, 2017.

Assignor:	EchoStar Technologies International Corporation
 _____ Timothy R. Jezek	
State of <u>Maryland</u> County of <u>Montgomery</u>	
The foregoing instrument was acknowledged before me this <u>8th</u> day of <u>November</u> , 2017 by Timothy R. Jezek, Vice President, Legal, of EchoStar Technologies International Corporation, a Colorado corporation, on behalf of the company.	
 My Commission Expires: <u>March 04, 2021</u> Notary Public	<div style="border: 1px solid black; padding: 5px; text-align: center;">GLORIA JEAN ALLEN Notary Public - Maryland Montgomery County My Commission Expires March 04, 2021</div>

Assignee:	Thuuz, Inc.
 _____ [Name]	
State of <u>California</u> County of <u>Santa Clara</u>	
The foregoing instrument was acknowledged before me this <u>10th</u> day of <u>November</u> , 2017 by Warren Packard, CEO of Thuuz, Inc., a Delaware corporation, on behalf of the company.	
 My Commission Expires: <u>Feb. 19, 2020</u> Notary Public <u>Francesca Maligaya</u>	(Seal)

