

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7069469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
EDGE NETWORKS INC.	12/06/2021
RECEIVING PARTY DATA	
Name:	GRAY MEDIA GROUP, INC.
Street Address:	4370 PEACHTREE RD NE, SUITE 400
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30319
PROPERTY NUMBERS Total: 11	
Property Type	Number
Application Number:	62831136
Application Number:	62860799
Application Number:	16578159
Application Number:	16591767
Application Number:	16664808
Application Number:	16833709
Application Number:	16843771
Application Number:	17370774
Application Number:	17508215
Application Number:	17508221
Application Number:	17520782
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	john.alexander@gray.tv
Correspondent Name:	JOHN ALEXANDER
Address Line 1:	1 JULIAN PRICE PLACE
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28208
NAME OF SUBMITTER:	JOHN ALEXANDER

SIGNATURE:	/s/ John Alexander
DATE SIGNED:	12/13/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=IP Security Agreement - Edge Networks#page1.tif source=IP Security Agreement - Edge Networks#page2.tif source=IP Security Agreement - Edge Networks#page3.tif source=IP Security Agreement - Edge Networks#page4.tif	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Agreement"), dated as of December __, 2021, is made by EDGE NETWORKS INC., a Delaware corporation ("Borrower"), in favor of GRAY MEDIA GROUP, INC., a Delaware corporation ("Lender").

WHEREAS, Borrower and Lender have entered into a Convertible Promissory Note dated as of even date herewith (the "Note").

WHEREAS, as a condition precedent to the making of advances by the Lender under the Note, Borrower has executed and delivered to the Lender that certain Security Agreement dated as of even date herewith (the "Security Agreement").

WHEREAS, as a condition precedent to the making of advances by Lender under the Note, Borrower has granted to Lender a security interest in, among other property, certain intellectual property of Borrower, and has agreed to execute and deliver this Agreement and to authorize the recording with national, federal and state government authorities, including but not limited to the United States Patent and Trademark Office, of appropriate documentation evidencing such security interest. Capitalized terms used herein without definitions shall have the meanings ascribed to such terms in the Note.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Borrower agrees with Lender as follows:

1. **Grant of Security.** Borrower hereby grants to Lender for the benefit of Lender a security interest in and to all of the right, title and interest of Borrower in, to and under the following intellectual property of Borrower, wherever located, and whether now existing or hereafter arising or acquired from time to time (collectively, the "IP Collateral"):

(a) the patents, patent licenses, and patent applications set forth in Schedule A hereto and all reissues, divisions, continuations, continuations-in-part, renewals, extensions and re-examinations thereof and amendments thereto (the "Patents");

(b) all rights of any kind whatsoever of Borrower accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action, with respect to any of the foregoing, whether occurring before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, dilution, misappropriation, injury to goodwill, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. **Recordation.** Borrower authorizes the Commissioner for Patents and any other government officials to record and register this Agreement or other appropriate documentation evidencing Lender's security interest upon request by Lender.

3. New Collateral. If, before Borrower's obligations under the Note shall have been irrevocably paid in full and the Note terminated, Borrower shall obtain rights to any new Patents or IP Collateral, the provisions of this Agreement shall automatically apply thereto as if the same were identified on Schedule A hereto as of the date hereof, and Borrower shall give Lender written notice thereof. Borrower hereby authorizes Lender to modify this Agreement by amending Schedule A to include any future Patents or IP Collateral as contemplated by Sections 1 and 3 hereof and, at Lender's request, Borrower shall execute any documents or instruments required by Lender in order to modify this Agreement as provided by this Section 3.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Note and the Security Agreement, the terms and provisions of which are hereby incorporated by reference as if fully set forth herein. The provisions of the Security Agreement shall supersede and control over any conflicting or inconsistent provision herein. Borrower hereby acknowledges and affirms that the rights and remedies of Lender with respect to the IP Collateral, and Lender's security interests therein are as more fully set forth in the Note and the Security Agreement, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts (including by telecopy), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

[Signature page follows]

SCHEDULE A

Patent Application No.	Title	Filing Date	Status	Inventor(s)	Type
62831136	Hybrid Multicast Unicast Architecture	4/8/2019	Pending	Achilles, Todd	Provisional
62860799	Reception System For Next Generation Digital Television Broadcast	6/13/2019	Pending	Achilles, Todd	Provisional
16/578,159	Congestion Aware Hybrid File Transfer	9/20/2019	Pending	Achilles, Todd	Utility
16/591,767	System And Method For Delivering AV Content	10/3/2019	Pending	Maskatia, Imran; Achilles, Todd; Collette, Alex; Hottinger, Nicholas	Utility
16/664,808	System And Method For Delivering Audio Visual Content	10/26/2019	Pending	Maskatia, Imran; Achilles, Todd	Utility
16/833,709	System And Method For Next Generation Television Broadcast	3/30/2020	Pending	Gluck, Andreas; Achilles, Todd	Utility
16/843,771	System And Method For Location Determination	4/8/2020	Granted 11089363	Achilles, Todd	Utility
17/370,774	System And Method For Location Determination	7/8/21	Pending	Achilles, Todd	Utility
17/508,215	System and Method For Delivering Emergency Alerts	10/23/21	Pending	Maskatia, Imran; Hottinger, Nicholas; Kaufman, Ben; Rich, Thomas; Chase, Michael	Utility
17/508,221	System and Method for Delivering Emergency Alerts	10/23/21	Pending	Maskatia, Imran; Hottinger, Nicholas; Kaufman, Ben; Rich, Thomas; Chase, Michael	Utility
17/520,782	System and Method for Delivering Alerts	11/8/21	Pending	Maskatia, Imran; Hottinger, Nicholas; Kaufman, Ben; Rich, Thomas; Chase, Michael	Utility

PATENT

RECORDED: 12/13/2021

REEL: 058962 FRAME: 0887