

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5092707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RGB NETWORKS, INC.	02/10/2015
RECEIVING PARTY DATA	
Name:	IMAGINE COMMUNICATIONS CORP.
Street Address:	3001 DALLAS PARKWAY
Internal Address:	SUITE 300
City:	FRISCO
State/Country:	TEXAS
Postal Code:	75034
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16100793
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<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:	216-621-2234
Email:	ljones@tarolli.com
Correspondent Name:	GARY J. PITZER
Address Line 1:	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
Address Line 2:	1300 E. 9TH STREET - SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	GA-024374 US DIV
NAME OF SUBMITTER:	GARY J. PITZER
SIGNATURE:	/Gary J. Pitzer/
DATE SIGNED:	08/10/2018
Total Attachments: 10	
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FORM OF PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made effective as of February 10, 2015 (the "Effective Date"), by RGB Networks, Inc., a Delaware corporation with a principal place of business at 390 West Java Drive, Sunnyvale, California 94089 ("Assignor") and Imagine Communications Corp., a Delaware corporation with a principal place of business at 3001 Dallas Parkway, Suite 300, Frisco, Texas 75034 ("Assignee").

RECITALS

A. In connection with that certain Agreement of Purchase and Sale of Assets, dated as of January 26, 2015, by and among Assignee, Assignor, and certain of its subsidiaries (the "Purchase Agreement"), Assignor is required to sell, convey, assign, transfer and deliver to Assignee all of Assignor's right, title and interest in and to the patents, patent applications and patent rights listed on the attached Exhibit A (the "Assigned Patents").

B. Assignee desires to obtain all of Assignor's right, title and interest in the Assigned Patents according to the terms of this Assignment and the Purchase Agreement.

NOW, THEREFORE, in consideration of the covenants, promises and representations set forth in the Purchase Agreement and for \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1. Assignment. As of the Effective Date, Assignor hereby irrevocably sells, conveys, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire world-wide right, title and interest in and to the Assigned Patents, in and to any and all inventions and improvements which are disclosed in the Assigned Patents, and any patents issuing on an application that relies on any of the Assigned Patents for priority, upon which the Assigned Patents rely for priority, including, but not limited to, any continuation, continuation-in-part, divisional, reissue, reexamination, or extension of any of the foregoing, any foreign counterpart of any of the foregoing, and all rights corresponding thereto, including without limitation the right to sue for, settle or release any past, present or future infringement of the Assigned Patents. Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America or equivalent authority elsewhere in the world to record this assignment and to issue such Assigned Patent as shall be granted upon said applications based thereon to Assignee, its successors and assigns.

Section 2. Assistance. From time to time, as and when requested by Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all documents and instruments and shall take, or cause to be taken, all further or other actions as Assignee may reasonably request to consummate the transactions contemplated by this Assignment, including, in the case of Assignor, executing and delivering to Assignee such assignments, consents, powers of attorney, declarations, affidavits and other instruments as Assignee or its counsel may reasonably request for such purpose. Further, at Assignee's expense, Assignor and its successors and assigns shall testify in any legal proceedings, sign all lawful papers, make all lawful oaths and generally perform all lawful acts reasonably necessary and proper to vest title to the Assigned Patents in Assignee and to aid Assignee, its successors, assigns and legal representatives to obtain and enforce proper protection for the Assigned Patents.

Section 3. Miscellaneous. This Agreement will be governed by and construed in accordance with the Laws of the State of New York without regard to conflict of law principles. This Assignment shall be construed and interpreted in accordance with the Purchase Agreement. Nothing in this Assignment shall, or shall be deemed to, modify or otherwise affect any provisions of the Purchase Agreement or affect or modify any of the rights or obligations of the parties under the Purchase Agreement. In the event of any conflict between the provisions hereof and the provisions of the Purchase Agreement, the provisions of the Purchase Agreement shall govern and control. This Assignment may not be supplemented, altered or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Assignment shall bind and inure to the benefit of the respective parties and their assigns, transferees and successors. This Assignment may be executed in any number of original, facsimile or portable document format (pdf) counterparts, each of which when so executed and delivered shall be an original, but all of which together shall constitute one instrument.

[Signature Pages to Follow.]

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment as of the Effective Date.

ASSIGNEE:

IMAGINE COMMUNICATIONS CORP.,
a Delaware corporation

By: [Signature]
Name: Charles S. Gilbert
Title: VP, CLO & Sec'y

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

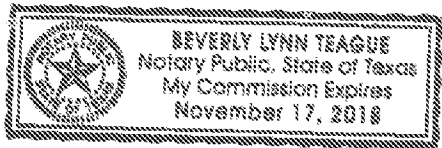
State of Texas)
County of Collin)

On Jan 30 2015 before me, Beverly Lynn Teague, personally appeared Charles S. Gilbert, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

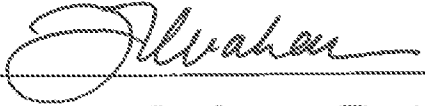
[Signature]
Notary Public Signature



Notary Public Seal

ASSIGNOR:

RGB NETWORKS, INC.,
a Delaware corporation

By: 

Name: JEFFREY T. GRAHAM

Title: CEO


A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

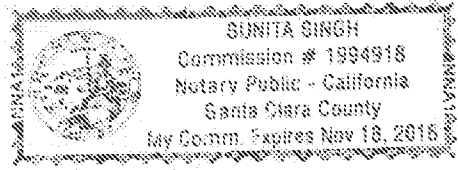
State of California)
County of San Clara

On 1/29/15, before me, Sunita Singh, Notary Public, personally appeared Jeffrey T. Graham, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Notary Public Signature



Notary Public Seal

Exhibit A
Assigned Patents

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
RGB-101 PCT	Canada	Apparatus and Method for Dynamic Channel Mapping and Optimized Scheduling of Data Packets	2,506,557	Abandoned
RGB-103 PCT	Canada	Wideband Multi-Channel Quadrature Amplitude Modulation of Cable Television Signals	2,523,118	Issued
RGB-104 PCT	Canada	Video Multiplexer System Providing Low-Latency VCR-Like Effects and Program Changes	2,537,294	Filed
RGB-105 PCT	Canada	Advanced, Self-Balancing Video Multiplexer System	2,537,280	Filed
RGB-106 PCT	Canada	Advanced, Adaptive Video Multiplexer System	2,537,293	Filed
RGB-107 PCT	Canada	Time-Multiplexed Multi-Program Encryption System	2,523,343	Filed
RGB-101 PCT	China	Apparatus and Method for Dynamic Channel Mapping and Optimized Scheduling of Data Packets	200380104412.X	Abandoned
RGB-101.1 PCT	China	Divisional file in China and EPO	200910151585.6	Abandoned
RGB-102 PCT	China	Method and Apparatus for Time-Multiplexed Processing of Multiple Digital Video Programs	200380104411.5	Abandoned
RGB-103 PCT	China	Wideband Multi-Channel Quadrature Amplitude Modulation of Cable Television Signals	200480010809.7	Issued
RGB-104 PCT	China	Video Multiplexer System Providing Low-Latency VCR-Like Effects and Program Changes	200480030733.4	Issued
RGB-105 PCT	China	Advanced, Self-Balancing Video Multiplexer System	200480030720.7	Issued
RGB-106 PCT	China	Advanced, Adaptive Video Multiplexer System	200480030721.1	Issued
RGB-107 PCT	China	Time-Multiplexed Multi-Program Encryption System	200480010808.2	Filed

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
RGB-111 PCT	China	SDRAM Convolutional Interleaver with Two Paths	200780052560.X	Issued
RGB-112 PCT	China	Managing the Insertion of Overlay Content into a Video Signal (amn by ISA)	200780039115.X	Issued
RGB-115 PCT	China	Methods, Apparatus, and Systems for Insertion of Overlay Content into a Video Signal with Transrating Capabilities	200780039075.9	Issued
RGB-116 PCT	China	Method and Apparatus for Modifying a Data Rate of a Video Signal	200780039047.7	Issued
RGB-117	China	Delivery of Pre-Statistically Multiplexed Streams in a VOD System	201010211864.X	Abandoned
RGB-119	China	PRECONDITIONING AD CONTENT FOR DIGITAL PROGRAM INSERTION	200910151526.9	Issued
RGB-123	China	Two-Stage Digital Program Insertion System	201010149491.8	Filed
RGB-128	China	MANAGED MULTIPLEXING OF VIDEO IN AN ADAPTIVE BIT RATE ENVIRONMENT	201010559919.6	Filed
RGB-130	China	INSTANTANEOUS DECODER REFRESH FRAME ALIGED MULTI-BITRATE TRANSCODER OUTPUT	201210116623.6	Filed
RGB-131	China	FULL SPECTRUM MODULATOR FOR DIGITAL TELEVISION SIGNALS	201210210468.4	Filed
RGB-135	China	TARGETED HIGH-VALUE CONTENT IN HTTP STREAMING VIDEO ON DEMAND	201310146002.7	Filed
080736.0138	China (People's Republic)	System and Method for Delivering Content		Filed
080736.0140	China (People's Republic)	System and Method for Progressive Delivery of Transcoded Media Content		Filed
RGB-101 PCT	EPO	Apparatus and Method for Dynamic Channel Mapping and Optimized Scheduling of Data Packets	03 783 788.7	Abandoned

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
RGB-107 PCT	EPO	Time-Multiplexed Multi-Program Encryption System	04 760 136.4	Filed
RGB-101.1 PCT	Hong Kong/CN	Divisional file in China and EPO	10106892.4	Issued
RGB-111 PCT	Hong Kong/CN	SDRAM Convolutional Interleaver with Two Paths	10106872.8	Issued
RGB-115 PCT	Hong Kong/CN	Methods, Apparatus, and Systems for Insertion of Overlay Content into a Video Signal with Transrating Capabilities	10106891.5	Issued
RGB-130	Hong Kong/CN	INSTANTANEOUS DECODER REFRESH FRAME ALIGED MULTI-BITRATE TRANSCODER OUTPUT	13105389.3	Filed
RGB-131	Hong Kong/CN	FULL SPECTRUM MODULATOR FOR DIGITAL TELEVISION SIGNALS	13107059.8	Filed
080736.0137	Israel	System and Method for Delivering Content	211604	Filed
080736.0139	Israel	System and Method for Progressive Delivery of Transcoded Media Content		Filed
RGB-103 PCT	Israel	Wideband Multi-Channel Quadrature Amplitude Modulation of Cable Television Signals	171446	Issued
RGB-104 PCT	Israel	Video Multiplexer System Providing Low-Latency VCR-Like Effects and Program Changes	173995	Issued
RGB-105 PCT	Israel	Advanced, Self-Balancing Video Multiplexer System	173994	Issued
RGB-106 PCT	Israel	Advanced, Adaptive Video Multiplexer System	173993	Issued
RGB-107 PCT	Israel	Time-Multiplexed Multi-Program Encryption System	171447	Issued
RGB-111 PCT	Israel	SDRAM Convolutional Interleaver with Two Paths	201141	Issued
RGB-117	Israel	Delivery of Pre-Statistically Multiplexed Streams in a VOD System	206527	Abandoned
RGB-119	Israel	PRECONDITIONING AD CONTENT FOR DIGITAL PROGRAM INSERTION	199521	Filed

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
RGB-123	Israel	Two-Stage Digital Program Insertion System	204476	Filed
RGB-128	Israel	MANAGED MULTIPLEXING OF VIDEO IN AN ADAPTIVE BIT RATE ENVIRONMENT	209536	Filed
RGB-130	Israel	INSTANTANEOUS DECODER REFRESH FRAME ALIGNED MULTI-BITRATE TRANSCODER OUTPUT	219815	Filed
RGB-131	Israel	FULL SPECTRUM MODULATOR FOR DIGITAL TELEVISION SIGNALS	220473	Filed
RGB-135	Israel	TARGETED HIGH-VALUE CONTENT IN HTTP STREAMING VIDEO ON DEMAND	226420	Filed
RGB-102 PCT	Japan	Method and Apparatus for Time-Multiplexed Processing of Multiple Digital Video Programs	2004-560337	Issued
080736.0135	Patent Cooperation Treaty	Method and System for Splicing Media Files	US10/21474	Filed
RGB-101	US	Apparatus and Method for Dynamic Channel Mapping and Optimized Scheduling of Data Packets		Abandoned
RGB-102	US	Method and Apparatus for Time-Multiplexed Processing of Multiple Digital Video Programs	7,046,677	Issued
RGB-102.1	US	Method and Apparatus for Time-Multiplexed Processing of Multiple Digital Video Programs	7,852,854	Issued
RGB-103 US	US	Wideband Multi-Channel Quadrature Amplitude Modulation of Cable Television Signals	7,068,730	Issued
RGB-104 US	US	Video Multiplexer System Providing Low-Latency VCR-Like Effects and Program Changes	8,161,519	Issued
RGB-105 US	US	Advanced, Self-Balancing Video Multiplexer System	7,804,856	Issued
RGB-105.1 US	US	Advanced, Self-Balancing Video Multiplexer System	7,864,808	Issued

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
RGB-106 US	US	Advanced, Adaptive Video Multiplexer System	6,996,129	Issued
RGB-107 US	US	Time-Multiplexed Multi-Program Encryption System	7,590,237	Issued
RGB-108	US	Cost-Effective Multi-Channel Quadrature Amplitude Modulation		Abandoned
RGB-110 US	US	Methods and Apparatus for Rate Estimation and Predictive Rate Control	7,885,189	Issued
RGB-111 US	US	SDRAM Convolutional Interleaver with Two Paths	8,127,199	Issued
RGB-112 US	US	Methods, Apparatus and Systems for Managing the Insertion of Overlay Content into a Video Signal	8,087,044	Issued
RGB-113 US	US	Bandwidth Based Licensing Scheme for Video, Audio and/or Multimedia Content	11/901,205	Filed
RGB-115 US	US	Methods, Apparatus, and Systems for Insertion of Overlay Content into a Video Signal with Transrating Capabilities	7,688,889	Issued
RGB-116	US	Methods and Apparatus for Modifying a Data Rate of a Video Signal	7,801,213	Issued
RGB-117 US	US	Delivery of Pre-Statistically Multiplexed Streams in a VOD System	12/814,843	Abandoned
RGB-119 US	US	Preconditioning Ad Content for Digital Program Insertion	12/487,130	Filed
RGB-123 US	US	Two-Stage Digital Program Insertion System	12/384,278	Abandoned
RGB-128 US	US	Statistical Multiplexing of Video in an Adaptive Bit Rate Environment	61/281,993	Filed
RGB-130 US	US	Instantaneous Decoder Refresh Frame Aligned Multibitrate	8,855,197	Issued
RGB-131 US	US	Full spectrum modulator for digital television signals	8,610,514	Issued
RGB-135	US	Targeted High-Value Content in HTTP Streaming Video on Demand	8,887,215	Issued
Ripcode	US	System and Method for	8,627,509	Issued

File Number	Jurisdiction	Patent Title	Application No. / Patent No.	Status
080736.0120		Monitoring Content		
Ripcode 080736.0102	US	System and Method for Routing Content	11/328587	Filed
RipCode 080736.0107	US	System and Method for Processing Content	8,180,920	Issued
RipCode 080736.0122	US	System and Method for Managing Content	7,818,355	Issued
Ripcode 80736.0127	US	System and Method for Delivering Content	12/208122	Filed
Ripcode 80736.0129	US	System and Method for Progressive Downloading of Content	12/578773	Filed
Ripcode 80736.0130	US	System and Method for Splicing Media Files	12/690166	Filed