

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5974975

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
DEX MEDIA, INC.		02/20/2020
RECEIVING PARTY DATA		
Name:	THRYV, INC.	
Street Address:	2200 WEST AIRFIELD DRIVE	
City:	D/FW AIRPORT	
State/Country:	TEXAS	
Postal Code:	75261-9810	
PROPERTY NUMBERS Total: 29		
Property Type	Number	
Patent Number:	7788159	
Patent Number:	8190508	
Patent Number:	7917491	
Patent Number:	8898130	
Patent Number:	8898131	
Patent Number:	8244585	
Patent Number:	8239393	
Patent Number:	9305098	
Patent Number:	7050990	
Patent Number:	7974878	
Patent Number:	7822661	
Patent Number:	7974879	
Patent Number:	7516086	
Patent Number:	8239273	
Patent Number:	7689466	
Patent Number:	8224704	
Patent Number:	7260774	
Patent Number:	8701016	
Patent Number:	8732177	
Patent Number:	7653870	

PATENT

Property Type	Number
Patent Number:	6654754
Patent Number:	7062707
Patent Number:	8402358
Patent Number:	7917463
Patent Number:	7432938
Application Number:	16119888
Patent Number:	6496838
Patent Number:	5991770
Patent Number:	6608634

CORRESPONDENCE DATA

Fax Number:

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: 3143454735

Email: bscott@greensfelder.com

Correspondent Name: MARK E. STALLION

Address Line 1: 10 S. BROADWAY

Address Line 2: GREENSFELDER, HEMKER & GALE, PC.

Address Line 4: ST. LOUIS, MISSOURI 63102

NAME OF SUBMITTER: MARK E. STALLION

SIGNATURE: /Mark E. Stallion/

DATE SIGNED: 02/21/2020

Total Attachments: 7

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ASSIGNMENT OF PATENT RIGHTS

WHEREAS, DEX MEDIA, INC., a company organized and existing under the laws of the State of Delaware and having a place of business at 2200 West Airfield Drive, D/FW Airport, Texas 75261-9810 ("ASSIGNOR"), is the owner of the patent(s) and/or patent application(s) identified on the attached **Exhibit A**;

WHEREAS, THRYV, INC., a company organized and existing under the laws of the State of Delaware and having a place of business at 2200 West Airfield Drive, D/FW Airport, Texas 75261-9810 ("ASSIGNEE"), has acquired and/or now owns the entire right, title and interest in, to and under the patent(s), patent application(s), and/or invention(s) identified on the attached **Exhibit A**;

NOW, THEREFORE, pursuant to various mergers, acquisitions, and restructuring and/or name change transactions involving the ASSIGNOR and ASSIGNEE (hereinafter TRANSACTIONS), the contents of which are incorporated herein by reference, ASSIGNOR does hereby confirm the sale, assignment, transfer and conveyance unto ASSIGNEE, its successors and assigns, and hereby sell, assign, transfer and convey to ASSIGNEE, its successors and assigns the patent(s), patent application(s), and invention(s) and improvements relating thereto as set forth in Exhibit A and in and to any and all applications based thereon, including but not limited to all continuations, continuations-in-part, continuing prosecution applications, or divisions thereof, and in all letters patent of the United States of America and all countries foreign thereto and reissues and extensions thereof which may be granted from the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A, hereinafter referred to as PATENTS, for the full term for which the letters patent, together with the right to claim the priority of any patent application included therein, to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR if this Assignment of Patent Rights had not been made.

ASSIGNOR also hereby confirms the sale, assignment, transfer and conveyance unto ASSIGNEE, its successors and assigns, and hereby sell, assign, transfer and convey to ASSIGNEE, its successors and assigns all rights, titles, and interest in and to the PATENTS and the underlying invention and any improvements thereto of the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A occurring prior to the effective date of this Assignment.

NOW, THEREFORE, for and in consideration of valuable considerations to ASSIGNOR paid by said ASSIGNEE, receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does in furtherance of the TRANSACTIONS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to the PATENTS and to said inventions and improvements thereto, and in and to any and all patent applications, including provisional and non-provisional patent applications, Letters Patent, both United States and foreign, that may be granted therefor, together with any and all continuations, divisions, or reissues, and ASSIGNORS do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said application or otherwise for said invention to THRYV, INC. as the ASSIGNEE of the entire

right, title and interest in and to the same, for the sole use and benefit of THRYV, INC., its successors or assigns.

ASSIGNOR further covenants and agrees, on its behalf and on behalf of its successors and assigns, without further compensation, to promptly at any time upon the request of the ASSIGNEE, its successors and assigns, to provide such further information and execute such further assignments and documents and do all lawful acts with respect to the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A that may be necessary or desirable to perfect title in the ASSIGNEE, its successors and assigns, and to assist in obtaining patents relating to the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A, or in any interference proceedings or for any divisions, continuations or continuation-in-part patent applications relating to the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A and for the said consideration it is further agreed by the undersigned, upon the request of said ASSIGNEE, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said ASSIGNEE in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said ASSIGNEE as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made: that any proceeding in connection with said Invention or Letters Patent or applications for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said Invention in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

If the ASSIGNEE is unable because of ASSIGNOR's incapability or for any other reason to secure the ASSIGNOR's signature for such papers and documents contemplated by this Assignment, then the ASSIGNOR hereby irrevocably designates and appoints THRYV, INC. and its duly authorized officers and agents as ASSIGNEE's agent and attorney-in-fact to act coupled with interest for and on the ASSIGNOR'S behalf to execute and file any such applications and to do all other lawfully permitted acts to further the filing, prosecution and issuance of patents and copyright registrations.

AND ASSIGNORS hereby grant the following person(s) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

THRYV, INC.
2200 WEST AIRFIELD DRIVE, D/FW AIRPORT
TEXAS 75261-9810

ASSIGNOR confirms, warrants and represents to ASSIGNEE that ASSIGNOR has not granted any rights in the patent(s), patent application(s), and/or invention(s) set forth in Exhibit A to any other person, firm, corporation or entity.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment of Patent Rights to be signed at the date indicated below and effects the assignment of said patent(s), patent application(s), and/or invention(s) set forth in Exhibit A as of the effective date of the Patent Purchase Agreement dated.

By: Lesley Bolger
Name: Lesley Bolger
Title: AVP Corporate Counsel & Secretary
DEX MEDIA, INC.

2-20-20
Date February 20, 2020

STATE OF TEXAS)
COUNTY OF TARRANT)

Subscribed and sworn to before me, this 20th day of February, 2020.

Belinda K. Belew
Notary Public
Belinda K. Belew
My Commission Expires: March 21, 2021

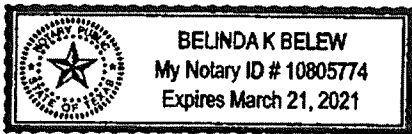


EXHIBIT A
DEX MEDIA, INC.

TITLE	COUNTRY/ REGION	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	OWNER
BID MANAGEMENT OPTIMIZATION SYSTEM AND APPARATUS (Inceptor.Bid)	US	10/883,556	01-Jul-2004	7788159	31-Aug-2010	Dex Media, Inc.
BID MANAGEMENT OPTIMIZATION	US	12/846,037	29-Jul-2010	8190508	29-May-2012	Dex Media, Inc.
CLICK FRAUD PREVENTION SYSTEM AND METHOD (Inceptor.Clickfraud)	US	11/343,112	30-Jan-2006	7917491	29-Mar-2011	Dex Media, Inc.
CLICK-THROUGH RATE ADJUSTMENTS	US	12/031,028	14-Feb-2008	8898130	25-Nov-2014	Dex Media, Inc.
CLICK-THROUGH RATE ADJUSTMENTS	US	12/031,098	14-Feb-2008	8898131	25-Nov-2014	Dex Media, Inc.
CLICK-THROUGH RATE ADJUSTMENTS	US	12/031,124	14-Feb-2008	8244585	14-Aug-2012	Dex Media, Inc.
DISTRIBUTION FOR ONLINE LISTINGS	US	12/640,155	17-Dec-2009	8239393	7-Aug-2012	Dex Media, Inc.
PRICING FOR ONLINE LISTINGS	US	12/640,099	17-Dec-2009	9305098	05-Apr-2016	Dex Media, Inc.
INFORMATION DISTRIBUTION SYSTEM	US	10/680,952	8-Oct-2003	7050990	23-May-2006	Dex Media, Inc.
INFORMATION DISTRIBUTION SYSTEM AND METHOD THAT PROVIDES FOR ENHANCED DISPLAY FORMATS	US	10/801,156	15-Mar-2004	7974878	5-Jul-2011	Dex Media, Inc.

INFORMATION DISTRIBUTION SYSTEM AND METHOD UTILIZING A POSITION ADJUSTMENT FACTOR	US	10/800,887	15-Mar-2004	7822661	26-Oct-2010	Dex Media, Inc.
INFORMATION DISTRIBUTION SYSTEM	US	11/340,647	27-Jan-2006	7974879	5-Jul-2011 (Grant Date)	Dex Media, Inc.
BUSINESS RATING PLACEMENT HEURISTIC	US	10/948,425	23-Sep-2004	7516086	7-Apr-2009	Dex Media, Inc.
INTEGRATED PAY PER CLICK AND PAY PER CALL LISTINGS (INFORMATION DISTRIBUTION SYSTEM)	US	11/180,123	13-Jul-2005	8239273	7-Aug-2012	Dex Media, Inc.
DYNAMIC PAY PER CALL LISTINGS (INFORMATION DISTRIBUTION SYSTEM)/BUSINESS RATING PLACEMENT HEURISTIC	US	11/180,136	13-Jul-2005	7689466	30-Mar-2010	Dex Media, Inc.
BUSINESS RATING PLACEMENT HEURISTIC	US	12/371,373	13-Feb-2009	8224704	17-Jul-2012	Dex Media, Inc.
METHOD & SYSTEM FOR ENHANCED WEB PAGE DELIVERY	US	US2002-0038350 09/845,575	30-Apr-2001	7260774	21-Aug-2007	Dex Media, Inc.
METHOD AND SYSTEM FOR ENHANCED WEB PAGE DELIVERY AND VISITOR TRACKING	US	US2006-0248452 11/478,800	30-Jun-2006	8701016	15-Apr-2014	Dex Media, Inc.
RANKING ONLINE LISTINGS	US	12/767,057	26-Apr-2010	8732177	20-May-2014	Dex Media, Inc.
SYSTEM AND METHOD OF DYNAMICALLY GENERATING INDEX INFORMATION	US	09/456,793	8-Dec-1999	7653870	26-Jan-2010	Dex Media, Inc.

SYSTEM AND METHOD OF DYNAMICALLY GENERATING AN ELECTRONIC DOCUMENT BASED UPON DATA ANALYSIS	US	09/456,784	8-Dec-1999	6654754	25-Nov-2003	Dex Media, Inc.
SYSTEM AND METHOD OF PROVIDING MULTIPLE ITEMS OF INDEX INFORMATION FOR A SINGLE DATA OBJECT	US	09/456,777	8-Dec-1999	7062707	13-June-2006	Dex Media, Inc.
SYSTEM AND METHOD OF DYNAMICALLY GENERATING INDEX INFORMATION	US	12/641,942	18-Dec-2009	8402358	19-Mar-2013	Dex Media, Inc.
SYSTEM AND METHOD FOR DATA WAREHOUSING AND ANALYTICS ON A DISTRIBUTED FILE SYSTEM (Cloudbase)	US	12/249,780	10-Oct-2008	7917463	29-Mar-2011	Dex Media, Inc.
SYSTEM AND METHOD FOR ANNOTATING ELECTRONIC DOCUMENTS	US	08/699,261	19-Aug-1996	7432938	7-Oct-2008	Dex Media, Inc.
METHOD AND SYSTEM FOR LEAD BUDGET ALLOCATION AND OPTIMIZATION ON A MULTI-CHANNEL MULTI-MEDIA CAMPAIGN MANAGEMENT AND PAYMENT PLATFORM	US	16/119,888	31-Aug-2018			Dex Media, Inc.
DATABASE RECONCILIATION METHOD AND SYSTEM	US	09/476,597	31-Dec-1999	6496838	17-Dec-2002	Dex Media, Inc.

METHOD FOR AUTOMATICALLY GENERATING INTERNET READY GIFS FROM SELECTED DATA FILES	US	09/000,827	30-Dec-1997	5991770	23-Nov-1999	Dex Media, Inc.
SYSTEM AND METHOD FOR DEMONSTRATIO N OF DYNAMIC WEB SITES WITH INTEGRATED DATABASE WITHOUT CONNECTING TO A NETWORK	US	09/471,836	23-Dec-1999	6608634	19-Aug-2003	Dex Media, Inc.