

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4328683

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
NXT CAPITAL LLC		12/06/2016
RECEIVING PARTY DATA		
Name:	VANTRIX CORPORATION	
Street Address:	1425 RENE LEVESQUE BLVD. WEST	
City:	MONTREAL	
State/Country:	CANADA	
Postal Code:	H3G 1T7	
PROPERTY NUMBERS Total: 51		
Property Type	Number	
Application Number:	12118690	
Application Number:	13539378	
Application Number:	13655384	
Application Number:	13178775	
Application Number:	13621329	
Application Number:	12518955	
Application Number:	12601267	
Application Number:	13157157	
Application Number:	12184926	
Application Number:	13361902	
Application Number:	12185077	
Application Number:	12266362	
Application Number:	12869635	
Application Number:	12633050	
Application Number:	12956114	
Application Number:	12633070	
Application Number:	12906111	
Application Number:	12869690	
Application Number:	12869715	
Application Number:	12906112	

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Property Type	Number
Application Number:	13229964
Application Number:	13309298
Application Number:	13226332
Application Number:	13463733
Application Number:	13210652
Application Number:	13555172
Application Number:	13596169
Application Number:	61711701
Patent Number:	8374443
Patent Number:	8220051
Patent Number:	8171167
Patent Number:	8250241
Patent Number:	8019709
Patent Number:	8311058
Patent Number:	8001260
Patent Number:	8270739
Patent Number:	8019371
Patent Number:	8285316
Patent Number:	8224104
Patent Number:	7921222
Patent Number:	8117323
Patent Number:	7975063
Patent Number:	8107724
Patent Number:	8295624
Patent Number:	7844725
Patent Number:	8135856
Patent Number:	8255559
Patent Number:	8300961
Patent Number:	8326046
Patent Number:	8942512
Patent Number:	8958659

CORRESPONDENCE DATA

Fax Number: (514)316-1356

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: 514-316-1355

Email: metremblay@delegatus.ca

Correspondent Name: ME PAUL MARCOTTE

Address Line 1: 438, MCGILL STREET, SUITE 400

PATENT

REEL: 042050 FRAME: 0723

Address Line 4:		MONTREAL, QUEBEC H2Y 2G1
NAME OF SUBMITTER:		PAUL MARCOTTE
SIGNATURE:		Paul/Marcotte/
DATE SIGNED:		03/21/2017
		This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 16 source=N.D. 1306-4 - LTR _ USA- patents#page1.tif source=N.D. 1306-4 - LTR _ USA- patents#page2.tif source=N.D. 1306-4 - LTR _ USA- patents#page3.tif source=N.D. 1306-4 - LTR _ USA- patents#page4.tif source=N.D. 1306-4 - LTR _ USA- patents#page5.tif source=N.D. 1306-4 - LTR _ USA- patents#page6.tif source=N.D. 1306-4 - LTR _ USA- patents#page7.tif source=N.D. 1306-4 - LTR _ USA- patents#page8.tif source=N.D. 1306-4 - LTR _ USA- patents#page9.tif source=N.D. 1306-4 - LTR _ USA- patents#page10.tif source=N.D. 1306-4 - LTR _ USA- patents#page11.tif source=N.D. 1306-4 - LTR _ USA- patents#page12.tif source=N.D. 1306-4 - LTR _ USA- patents#page13.tif source=N.D. 1306-4 - LTR _ USA- patents#page14.tif source=N.D. 1306-4 - LTR _ USA- patents#page15.tif source=N.D. 1306-4 - LTR _ USA- patents#page16.tif		



Me Paul Marcotte
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pmarcotte@delegatus.ca

March 21th, 2017

ELECTRONICALLY

United States Patent and Trademark Office
Patents Assignments

OBJECT : Vantrix Corporation – Discharge of the security interests
O/F : 1306-4

To whom it may concern,

We represent the interests of the company Vantrix Corporation (hereinafter the "Borrower") which has contracted mortgage's obligations (hereinafter the "Loan and Security Agreement") with the company NXT Capital, LLC (hereinafter the "Lender") as of March 20, 2013.

To give effect to the Loan and Security Agreement between the parties, the Lender registered at the United States Patent and Trademark Office a security interests on the Borrower's patents, the list of which is filed in support of this letter as Appendix I.

As a result of the full refund by the Borrower of the amount due under the Loan and Security Agreement, the Lender mandated us to proceed with the discharge of the security interests on the patents, the whole as appear from the document entitled "Pay-Off of Obligations of Vantrix Corporation" dated December 6th, 2016 filed in support of this present letter as Appendix II.

We therefore formally require the United States Patent and Trademark Office to cancel the registered securities on the patents mentioned in the attached Appendix I.



www.delegatus.ca

Delegatus services juridiques Inc.
Tél.: 514.316.1355 - Téléc.: 514.316.1356

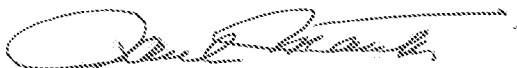
438, rue McGill, bureau 400, Montréal (Québec) H2Y 2G1

PATENT
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Hoping the whole to be at your entire satisfaction. ,

Yours very truly,

DELEGATUS SERVICES JURIDIQUES INC.

A handwritten signature in dark ink, appearing to read 'Paul Marcotte', with a long horizontal flourish extending to the right.

Paul Marcotte
PM/met

p.j.

APPENDIX I

PATENT APPLICATIONS		
Name	Status and Date Filed	Application Number
METHOD AND SYSTEM FOR MULTIMEDIA MESSAGING SERVICE (MMS) TO VIDEO ADAPTATION	May 10, 2008	12/118,690
GENERATION AND DELIVERY OF MULTIMEDIA CONTENT- ADAPTATION NOTIFICATIONS	June 30, 2012	13/539,378
MODULAR TRANSCODING PIPELINE	October 18, 2012	13/655,384
FLOW-RATE ADAPTATION FOR A CONNECTION OF TIME-VARYING CAPACITY	July 08, 2011	13/178,775
SYSTEM AND METHOD FOR QUALITY-AWARE SELECTION OF PARAMETERS IN TRANSCODING OF DIGITAL IMAGES	September 17, 2012	13/621,329
AN IMPROVED VIDEO RATE CONTROL FOR VIDEO CODING STANDARDS	December 11, 2007	12/518,955
A BUFFER-BASED RATE CONTROL EXPLOITING FRAME COMPLEXITY, BUFFER LEVEL, AND POSITION OF INTRA FRAMES IN VIDEO CODING	June 19, 2008	12/601,267
INFORMATIVE DATA STREAMING SERVER	June 09, 2011	13/157,157
METHOD AND SYSTEM FOR TRIGGERING INGESTION OF REMOTE CONTENT BY A STREAMING SERVER USING UNIFORM RESOURCE LOCATOR FOLDER MAPPING	August 1, 2008	12/184,926

METHOD AND SYSTEM FOR PREDICTIVE SCALING OF COLOR MAPPED IMAGES	January 30, 2012	13/361,902
METHOD AND SYSTEM FOR DETERMINING A METRIC FOR COMPARING IMAGE BLOCKS IN MOTION COMPENSATED VIDEO CODING	August 2, 2008	12/185,077
AN ENGINE FOR RULE BASED CONTENT FILTERING	November 6, 2008	12/266,362
METHOD AND APPARATUS FOR FILTERING STREAMING DATA	August 26, 2010	12/869,635
METHOD AND SYSTEM FOR EFFICIENT VIDEO TRANSCODING	December 08, 2009	12/633,050
SYSTEM AND METHODS FOR EFFICIENT MEDIA DELIVERY USING CACHE	November 30, 2010	12/956,114
METHOD AND SYSTEM FOR GENERATING A BLOCK MODE CONVERSION TABLE FOR VIDEO TRANSCODING	December 8, 2009	12/633,070
METHOD AND SYSTEM FOR DETERMINING A QUALITY MEASURE FOR AN IMAGE USING A VARIABLE NUMBER OF MULTI-LEVEL DECOMPOSITIONS	October 17, 2010	12/906,111
METHOD AND APPARATUS FOR CONCURRENT FILTERING OF MULTIPLE COMPONENTS OF STREAMING DATA	August 26, 2010	12/869,690
METHOD AND APPARATUS FOR EMPLOYING RULES TO FILTER STREAMING DATA	August 26, 2010	12/869,715
METHOD AND SYSTEM FOR DETERMINING A QUALITY MEASURE FOR AN IMAGE USING MULTI-LEVEL DECOMPOSITION OF IMAGES	October 17, 2010	12/906,112
SYSTEM AND METHOD OF	September 12, 2011	13/229,964

PACING REAL TIME MEDIA TRANSMISSION OVER A BROADBAND CHANNEL USING MICRO BURSTING		
METHOD AND SYSTEM FOR INCREASING ROBUSTNESS OF VISUAL QUALITY METRICS USING SPATIAL SHIFTING	May 04, 2011	13/309,298
METHOD AND SYSTEM FOR INCREASING ROBUSTNESS OF VISUAL QUALITY METRICS USING SPATIAL SHIFTING	May 04, 2011	13/226,332
METHOD AND SYSTEM FOR INCREASING ROBUSTNESS OF VISUAL QUALITY METRICS USING SPATIAL SHIFTING	May 03, 2012	13/403,733
METHOD AND SYSTEM FOR INCREASING ROBUSTNESS OF VISUAL QUALITY METRICS USING SPATIAL SHIFTING	May 04, 2012	13/210,652
METHOD AND SYSTEM FOR EFFICIENT VIDEO TRANSCODING USING CODING MODES, VECTORS AND RESIDUAL INFORMATION	July 22, 2012	13/555,172
METHOD AND SYSTEM FOR SELF-TUNING CACHE MANAGEMENT	August 28, 2012	13/596,169
SYSTEM AND METHOD FOR OPTIMIZING A COMMUNICATION SESSION BETWEEN MULTIPLE TERMINALS INVOLVING TRANSCODING OPERATIONS	October 09, 2012	61/711,701

PATENTS			
Name	Status and Date Issued	Application Number	Patent Number
SYSTEM AND METHOD FOR PREDICTING FILE SIZE OF IMAGES SUBJECT TO TRANSFORMATION BY SCALING AND A CHANGE OF QUALITY-CONTROLLING PARAMETERS	Issued 02/12/2013	13/463,694	8,374,443
GENERATION AND DELIVERY OF MULTIMEDIA CONTENT-ADAPTATION NOTIFICATIONS	Issued 07/10/2012	12/238,390	8,220,051
INTELLIGENT CACHING OF MEDIA FILES	Issued 05/01/2012	12/114,798	8,171,167
INTELLIGENT CACHING OF MEDIA FILES	Issued 08/21/2012	13/452,852	8,250,241
SYSTEM AND METHOD FOR RULE BASED CONTENT FILTERING	Issued 09/13/2011	12/266,353	8,019,709
MODULAR TRANSCODING PIPELINE	Issued 11/13/2012	12/334,452	8,311,058
FLOW-RATE ADAPTATION FOR A CONNECTION OF TIME-VARYING CAPACITY	Issued 08/16/2011	12/180,697	8,001,260
SYSTEM AND METHOD FOR QUALITY-AWARE SELECTION OF PARAMETERS IN TRANSCODING OF DIGITAL IMAGES	Issued 09/18/2012	12/164,836	8,270,739
MULTI-USERS REAL-TIME TRANSCODING SYSTEM AND METHOD FOR MULTIMEDIA SESSIONS	Issued 09/13/2011	12/097,950	8,019,371
MULTI-USERS REAL-TIME TRANSCODING SYSTEM AND METHOD FOR MULTIMEDIA SESSIONS	Issued 10/09/2012	13/206,260	8,285,316

SYSTEM AND METHOD FOR PREDICTING FILE SIZE OF IMAGES SUBJECT TO TRANSFORMATION BY SCALING AND A CHANGE OF QUALITY-CONTROLLING PARAMETERS	Issued 07/17/2012	12/741,032	8,224,104
METHOD AND SYSTEM FOR FAST CHANNEL SWITCHING USING STANDARD RTSP MESSAGES	Issued 04/05/2011	12/116,069	7,921,222
METHOD AND SYSTEM FOR FAST CHANNEL SWITCHING USING STANDARD RTSP MESSAGE	Issued 02/14/2012	13/043,365	8,117,323
INFORMATIVE DATA STREAMING SERVER	Issued 07/05/2011	12/463,410	7,975,063
METHOD AND SYSTEM FOR PREDICTIVE SCALING OF COLOR MAPPED IMAGES	Issued 01/31/2012	12/185,081	8,107,724
METHOD AND SYSTEM FOR GENERATING A QUALITY PREDICTION TABLE FOR QUALITY-AWARE TRANSCODING OF DIGITAL IMAGES	Issued 10/23/2012	12/164,873	8,295,624
DATA STREAMING THROUGH TIME-VARYING TRANSPORT MEDIA	Issued 11/30/2010	12/180,704	7,844,725
DATA STREAMING THROUGH TIME-VARYING TRANSPORT MEDIA	Issued 03/13/2012	12/939,062	8,135,856
DATA STREAMING THROUGH TIME-VARYING TRANSPORT MEDIA	Issued 08/28/2012	13/417,271	8,255,559
METHOD AND SYSTEM FOR LOW COMPLEXITY TRANSCODING OF IMAGES WITH NEAR	Issued 10/30/2012	12/333,406	8,300,961

OPTIMAL QUALITY METHOD AND SYSTEM FOR DETERMINING STRUCTURAL SIMILARITY BETWEEN IMAGES	Issued 12/04/2012	12/499,928	8,326,046
METHODS AND SYSTEMS FOR PROCESSING A FIRST IMAGE WITH REFERENCE TO A SECOND IMAGE	Issued 01/27/2015	13/723,724	8,942,512
IMAGE REGISTRATION METHOD AND SYSTEM ROBUST TO NOISE	Issued 02/17/2015	13/723,852	8,958,659

APPENDIX II



December 6, 2016

Vantrix Corporation
1425 Rene Levesque Blvd. West
Suite 1200
Montreal, QC, H3G 1T7 Canada Attn: Elie Daher

Re: Pay-Off of Obligations of Vantrix Corporation

Dear Mr. Daher:

Reference is made to that certain Loan and Security Agreement, dated as of March 20, 2013 (as the same may have been amended, restated, or otherwise modified from time to time, the "Loan Agreement"), by and between Vantrix Corporation ("Borrower") and NXT Capital, LLC ("Lender"). Capitalized terms used but not defined in this pay-off letter shall have the meanings ascribed to such terms in the Loan Agreement.

Borrower has advised Lender that, pursuant to Section 2.01(c) of the Loan Agreement, Borrower intends to repay all amounts due and owing under the Loan Agreement and has requested that Lender provide Borrower with appropriate pay-off amounts for the principal, interest, and other amounts owing by Borrower to Lender. The pay-off amounts for Borrower as of December 19, 2016 (the "Computation Date") under the Loan Documents are as follows (collectively, the "Pay-Off Amount") (collectively, together with any additional interest and/or fees accruing after the Computation Date that must be repaid by Borrower, the "Pay-Off Amount"):

Unpaid Principal	\$	
Accrued Interest	\$	
Deferred Closing Fee	\$	
Miscellaneous Expenses	\$	
Total Pay-Off Amount Owing	\$	

The foregoing unpaid principal amount of the Loan assumes that (i) no additional credit extensions are made under the Loan Agreement during the period between the Computation Date and the Pay-Off Date, and Borrower and Lender hereby acknowledge and agree that no such additional credit extensions shall be made during such period, and (ii) all required payments of principal, interest and other amounts due and owing from time to time under the Loan Agreement prior to the Pay-Off Date are timely paid in full as and when due. This pay-off letter shall expire if the Pay-Off Amount, plus any applicable Per Diem Amount, has not been paid, as aforesaid, on or before December 30, 2016.



MOVE FORWARD WITH CERTAINTY

101 N Wacker Drive, 30th Floor, Chicago, IL 60606 • 312.450.8000 • www.nxtcapital.com

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If the Payoff Amount is not received by the Lender by 2:00 p.m. Chicago, Illinois time on the Computation Date, the Borrower shall pay, in addition to the Pay-Off Amount, a per diem of \$98.61 (the "Per Diem Amount") to the Lender for each day after the Computation Date until the Pay-Off Amount plus all applicable Per Diem Amount is received by the Lender.

The Pay-Off Amount should be wire-transferred in same day immediately available funds to Lender as follows:

Bank	Wells Fargo Bank
ABA Routing No.:	121-000-248
Acct Name:	NXT Capital, LLC
Account No.:	4123107187
Reference:	Vantrix Loan Payoff
Contact:	Maribel Martinez -- (312) 450-8126

Effective immediately upon Lender's receipt of payment in full in cash of the Pay-Off Amount, plus any applicable Per Diem Amount, and Borrower's delivery to Lender of a then current, correct and complete capitalization table for Vantrix Corporation as of a date on or one business day prior to the Pay-Off Date (the date of Lender's receipt of such Pay-Off Amount being the "Pay-Off Date"), automatically and without further action on the part of the parties hereto: (i) all indebtedness of Borrower to Lender under the Loan Agreement and any related loan and collateral security documents shall be paid and discharged in full; (ii) all unfunded commitments to make credit extensions or financial accommodations to Borrower or any other person under the Loan Agreement shall be terminated; (iii) all security interests and other liens, encumbrances or charges (including without limitation any movable hypothec) of every type at any time granted to or held by Lender as security for such indebtedness of Borrower shall be terminated and released; (iv) all guaranties supporting the Loan Agreement shall be terminated and released; and (v) all other obligations of Borrower under the Loan Documents (other than, and expressly excluding, 10.17 and 10.19 of the Loan Agreement, all of Borrower's indemnification obligations under the Loan Documents, including without limitation Section 10.03 of the Loan Agreement, and all of Borrower's, or its affiliates' (as applicable), obligations under this letter agreement and the Warrants) shall be deemed terminated.

Lender authorizes Borrower (or Borrower's designees), at Borrower's (or Borrower's designees') sole cost and expense, upon or after the Pay-Off Date, to (i) prepare and file any UCC Financing Statement Amendments or other documents necessary to evidence the termination of Lender's security interests in any of Borrower's property or assets (or that of any third party providing collateral security for the payment and performance of the Obligations) and (ii) deliver such termination notices relating to any deposit or securities account control agreements or other notices terminating Lender's security interest to third parties. Lender shall cooperate with Borrower, at Borrower's sole cost and expense, to execute and deliver any agreements, documents, and other instruments that may be reasonably requested and prepared by Borrower on or after the Pay-Off Date to evidence the termination of Lender's security interest in any of Borrower's property or assets.



For and in consideration of the agreements of the Lender contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Borrower and its affiliates hereby forever release and discharge the Lender and each of its and their respective officers, directors, employees, agents, affiliates, representatives, attorneys, successors and assigns (collectively, the "Released Parties") from any and all claims, causes of actions, damages and liabilities of any nature whatsoever, known or unknown, which the Borrower or any of its affiliates ever had, now has or might hereafter have against one or more of the Released Parties which relates directly or indirectly, to the Loan Documents, the transactions relating thereto or any other business dealings between the Released Parties and the Borrower, to the extent that any such claim, cause of action, damage or liability shall be based, in whole or in part, upon facts, circumstances, actions or events existing on or prior to the Pay-Off Date.

This letter agreement shall be governed by the internal laws of the State of Illinois, excluding conflicts of law principles, and shall become effective only when signed by Lender and accepted by Lender and Borrower by their due execution in the spaces provided below. This letter agreement shall be binding upon the heirs, successors, and assigns of the undersigned and shall inure to the benefit of the Lender and its respective successors and assigns. This letter agreement, to the extent signed and delivered by means of a facsimile machine or an Adobe Acrobat attachment to an e-mail, shall be treated in all manner and respects as an original agreement or instrument and shall be considered to have the same binding legal effect as if it were the original signed version thereof delivered in person. No party hereto shall raise the use of a facsimile machine or e-mail to deliver a signature or the fact that any signature or agreement or instrument was transmitted or communicated through the use of a facsimile machine or e-mail as a defense to the formation or enforceability of a contract and each party hereto forever waives any such defense.

[Signature Pages Follow]



If the foregoing meets with your approval, please indicate your acceptance by returning a signed original of this letter agreement to Lender.

Very truly yours,

NXT CAPITAL, LLC

By: NXT CAPITAL, LLC

Its: Initial Member

By: 

Name: PATRICK D KOEN

Title: ONLY AUTHORIZED

SIGNATURE

Borrower:

VANTRIX CORPORATION

By: _____

Name: _____

Title: _____



If the foregoing meets with your approval, please indicate your acceptance by returning a signed original of this letter agreement to Lender.

Very truly yours,

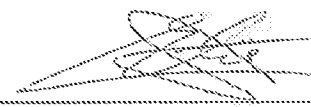
NXT CAPITAL, LLC

By: NXT CAPITAL, LLC
Its: Initial Member

By: _____
Name: _____
Title: _____

Borrower:

VANTRIX CORPORATION

By:  _____
Name: Elie Daher
Title: CFO

RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of December 19, 2016, by NXT Capital, LLC ("Lender") in favor of Vantrix Corporation, a Delaware corporation ("Company") with a mailing address of 1425 Rene Levesque Blvd. West Suite 1200 Montreal, QC, H3G 1T7 Canada.

Recital

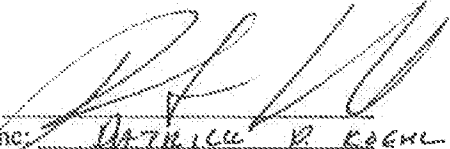
WHEREAS Company granted to Lender a security interest in certain copyrights, patents and trademarks, including without limitation, those described on Exhibits A and B, attached hereto (collectively, the "Intellectual Property") under a loan and security agreement dated March 20, 2013, as amended from time to time (the "Security Agreement") and recorded with the US Library of Congress Copyright Office and the US Patent and Trademark Office as set forth on the Exhibits attached hereto.

WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property.

Agreement

Now therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property. Lender hereby agrees to duly execute, acknowledge, procure and deliver any further documents and to do such other acts, in each case at the Company's expense, as may be reasonably necessary to effect the release of the security interest in the Intellectual Property contemplated hereby.

NXT Capital, LLC

By: 

Name: NATHALIE D. ROEHL

Title: DULY AUTHORIZED

SIGNATORY