

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5789587

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NIELS J. THORWIRTH	12/20/2013
	TIMOTHY J. DRISCOLL	01/06/2014
RECEIVING PARTY DATA		
Name:	VERIMATRIX, INC.	
Street Address:	6059 CORNERSTONE COURT WEST	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-3713	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15706264
CORRESPONDENCE DATA		
Fax Number:	(949)852-0004	
<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:	9498520000	
Email:	pair@kppb.com	
Correspondent Name:	KPPB LLP	
Address Line 1:	2190 S. TOWNE CENTRE PLACE	
Address Line 2:	SUITE 300	
Address Line 4:	ANAHEIM, CALIFORNIA 92806	
ATTORNEY DOCKET NUMBER:	V4-02646.CON	
NAME OF SUBMITTER:	AGNES POON	
SIGNATURE:	/Agnes Poon/	
DATE SIGNED:	10/25/2019	
Total Attachments: 4		
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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Niels J. Thorwirth; Timothy J. Driscoll

2. Name and address of receiving party(ies)

Name: Verimatrix, Inc.

Internal Address: _____

Street Address: 6059 Cornerstone Court West

City: San Diego

State: CA

Country: US Zip: 92121-3713

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/20/2013; 01/06/2014

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

15/706264

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: KPPB LLP

Internal Address: Suite 300

Street Address: 2190 S. Towne Centre Place

City: Anaheim

State: CA Zip: 92806

Phone Number: 949.852.0000

Docket Number: V4-02646.CON

Email Address: pair@kppb.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized UserName _____

9. Signature: /Brian K. Sung/

10/25/19

Signature

Date

Brian K. Sung

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 050833 FRAME: 0996

ASSIGNMENT

WHEREAS, WE, Niels J. Thorwirth and Timothy J. Driscoll made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Systems and Methods for Rapid Content Switching to Provide a Linear TV Experience Using Streaming Content Distribution filed July 18, 2013 and having been assigned Application No. 13/945,871;

WHEREAS, Verimatrix, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 6825 Flanders Drive, San Diego, California 92121 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

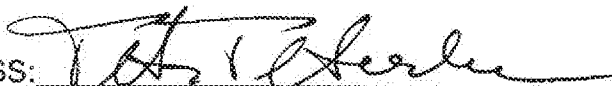
AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto set my hand this 20 day of Dec, 2013.




Niels J. Thorwirth
3155 Redwood Street
San Diego, CA 92104

WITNESS: 

Print name PETR PETERKA

IN WITNESS WHEREOF, I have hereunto set my hand this 6th day of Jan, 2018. ^{14 2p}



Timothy J. Driscoll
3410 Voyager Circle
San Diego, CA 92130

WITNESS: Susan Peabody

Print name Susan Peabody
