

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM511685

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
SILICON VALLEY BANK		02/14/2019	Corporation: CALIFORNIA
RECEIVING PARTY DATA			
Name:	VERIMATRIX, INC.		
Street Address:	6059 CORNERSTONE COURT WEST		
City:	SAN DIEGO		
State/Country:	CALIFORNIA		
Postal Code:	92121		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 8			
Property Type	Number	Word Mark	
Registration Number:	3024002	VERIMATRIX	
Registration Number:	3496359	VERIMATRIX	
Registration Number:	3497258	VIEWRIGHT	
Registration Number:	3602371	VERIMATRIX	
Registration Number:	3606016	VERIMATRIX	
Registration Number:	3797612	VIDEOMARK	
Registration Number:	4046660	STREAMMARK	
Serial Number:	86582427	VERSPECTIVE	
CORRESPONDENCE DATA			
Fax Number:	8585506420		
<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:	(858) 550-6412		
Email:	lortiz@cooley.com		
Correspondent Name:	LISA ORTIZ		
Address Line 1:	C/O COOLEY LLP		
Address Line 2:	4401 EASTGATE MALL		
Address Line 4:	SAN DIEGO, CALIFORNIA 92121		
NAME OF SUBMITTER:	LISA ORTIZ		
SIGNATURE:	/LISA ORTIZ/		

CH \$215.00 3024002

DATE SIGNED:

02/26/2019

Total Attachments: 14

source=verimatrix#page1.tif
source=verimatrix#page2.tif
source=verimatrix#page3.tif
source=verimatrix#page4.tif
source=verimatrix#page5.tif
source=verimatrix#page6.tif
source=verimatrix#page7.tif
source=verimatrix#page8.tif
source=verimatrix#page9.tif
source=verimatrix#page10.tif
source=verimatrix#page11.tif
source=verimatrix#page12.tif
source=verimatrix#page13.tif
source=verimatrix#page14.tif



February 14, 2019

Verimatrix Inc.
And Verimatrix International, Inc.
8059 Cornerstone Court West
San Diego, CA 92121
Attn: Charles Padgett

Re: Pay-Off Letter

Dear Mr. Padgett,

We refer to the Loan and Security Agreement dated as of September 8, 2018 (as the same may from time to time have been amended, restated, or otherwise modified, the "Loan Agreement") by and between Verimatrix Inc. and Verimatrix International, Inc. a solely/collectively ("Borrower") and Silicon Valley Bank ("Bank"). Capitalized terms used but not otherwise defined herein shall have the meanings given them in the Loan Agreement.

Borrower has advised Bank that it intends to repay all amounts due and owing under the Loan Agreement and has requested that Bank provide Borrower with appropriate pay-off amounts for the principal, interest, and other amounts owing by Borrower to Bank under the Loan Documents (as defined below) (such amounts, collectively, the "Obligations"). The pay-off amounts for Borrower as of February 28, 2019 (the "Computation Date") under the Loan Documents are as follows (collectively, together with any additional interest accruing after the Computation Date that must be repaid by Borrower, the "Pay-Off Amount"):

Principal	\$500,000.00
Interest	\$ 2,015.83
Statement Fee	\$ 15.00
Total Amount Owng	\$502,030.83

From and after the Computation Date and until 12:00 pm Pacific time on the Pay-Off Date (as defined below), interest shall continue to accrue on the unpaid principal amount at the rate set forth in the Loan Agreement. The per diem accrual of interest on the unpaid principal amount is ~~\$74.65~~. Upon request of Borrower, Bank shall provide Borrower with a revised figure for the amount of interest to be paid as a part of the Pay-Off Amount. The foregoing accrued interest amount assumes no change in the operative interest rates after the date hereof. The foregoing principal balance assumes (1) no additional credit extensions under the Loan Agreement, and (2) that collections received by Bank in the normal course of business from the account debtors of Borrower are cleared by their respective banks.

This letter confirms that Borrower has waived the right to seek any additional credit extensions, and Bank shall not be obligated to make, and Bank shall not make, any further credit extensions or other financial accommodations under the Loan Agreement to or for the benefit of Borrower.

The Pay-Off Amount should be wire-transferred to Bank as follows:

Silicon Valley Bank
3003 Tasman Drive
Santa Clara, CA 95054
ABA Routing No. 121140399
Account No. 1130560
Reference: 1100360616

Effective immediately upon Bank's receipt of payment in full in cash of the Pay-Off Amount (the date of Bank's receipt of the Pay-Off Amount being the "Pay-Off Date"); should Bank receive payment of the Pay-Off Amount in the form of a check made payable to Bank, the Pay-Off Date shall be the date that is ten (10) Business Days following Bank's receipt of such check), without further action on the part of the parties hereto (i) all Obligations under the Loan Agreement and any other related loan and collateral security documents that may have been issued by Borrower to Bank in connection with the transaction evidenced by the Loan Agreement (collectively, the "Loan Documents"; provided, however, "Loan Documents" shall not include any Bank Services Agreement (as defined below) or any warrant executed by Borrower in favor of Bank and subsequently assigned to SVB Financial Group) 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) except as otherwise provided below, all security interests and other liens of every type at any time granted to or held by Bank as security for the Obligations shall be terminated and automatically released without further action by Bank; (iv) all guaranties supporting the Loan Agreement shall be released without further action by Bank; and (v) all other obligations of Borrower shall be deemed terminated; provided, however, those obligations, liabilities, covenants, and terms that are expressly specified in any Loan Document as surviving that respective agreement's termination, including without limitation, Borrower's indemnity obligations set forth in the Loan Agreement, shall continue to survive notwithstanding this termination.

Notwithstanding the terms and conditions stated in this Pay-Off Letter, the Obligations do not include the amounts (such amounts, the "Bank Services Obligations") that currently are or that may later be due and payable for services and products Bank shall continue to provide to Borrower after the Pay Off Date pursuant to the terms of those agreements listed on Exhibit A attached hereto (each such agreement, a "Bank Services Agreement").

Borrower has granted to Bank a security interest in deposit account number(s) 3301290994 held, maintained, or managed through Bank (each of which shall be a restricted account such that Borrower shall not be entitled to (a) withdraw or transfer any funds from any such account or otherwise dispose of the funds therein, and (b) place any liens on any such account other than in favor of Bank), and all income and interest thereon, and all renewals, substitutions, additions, replacements and proceeds thereof (the "Cash Collateral") to secure Borrower's payment and performance related to such Bank Services Obligations. Notwithstanding anything to the contrary in this Pay-Off Letter, Bank's security interest in and lien upon the Cash Collateral will not terminate or be released upon Bank's receipt of the Pay-Off Amount and will remain in full force and effect on and after the Pay-Off Date. The Cash Collateral shall be in an amount equal to at least the maximum aggregate amount of credit to be provided by Bank to or on behalf of Borrower under each Bank Services Agreement plus all interest, fees, and costs due or estimated to become due in connection therewith. Such Cash Collateral, or the unutilized portion thereof, shall be returned to Borrower upon the latter to occur of the payment in full in cash of the Bank Services Obligations or the termination of Bank's obligation under each Bank Services Agreement to make credit available to or on behalf of Borrower.

Bank authorizes Borrower, or any other party on behalf of Borrower, upon or after the Pay-Off Date, to prepare and file any UCC-3 Termination Statements or other documents necessary to evidence the release of Bank's security interests in any of Borrower's property or assets other than in the Cash Collateral. Except with respect to any Bank Services Agreement and the Cash Collateral, within three (3) business days following the Pay-Off Date, Bank shall (i) if required by any third party, deliver to such third party such termination notices relating to any deposit or securities account control agreements or other notices terminating Bank's security interest arising under the Loan Documents, and (ii) if applicable, return any pledged stock in Bank's possession to the pledgor; provided, that any costs or expenses incurred by Bank with respect to such items (including all reasonable attorneys' fees and expenses) shall be reimbursed promptly by Borrower on demand. From and after the Pay-Off Date, Bank further agrees to procure, deliver, or execute and deliver to Borrower, from time to time, all further releases not specified above, certificates, instruments, and documents as may be reasonably requested by Borrower or which are required to evidence the consummation of the payoff contemplated hereby, in each case at the expense of Borrower (including all reasonable attorneys' fees and expenses).

This letter may be executed by any of the parties hereto on separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Pay-Off Letter by facsimile or other electronic transmission shall be effective as delivery of a manually executed counterpart hereof.

This letter shall be governed by the laws of the State of California and shall become effective only when signed by Bank and accepted by Borrower by its due execution in the space provided below.

Very truly yours,

SILICON VALLEY BANK

By: [Signature]
Name: RADIC SORBI
Title: DIRECTOR

Acknowledged by:

VERIMATRIX, INC.

By: [Signature]
Name: Bronwyn E. Savary
Title: VP & GC

VERIMATRIX INTERNATIONAL, INC.

By: [Signature]
Name: Thomas A. Pluss
Title: Director

SVB ACCOUNT OFFICER - RETURN EXECUTED PAY-OFF LETTER TO GLS COLLATERAL GROUP

FOR BANK USE ONLY

GLS COLLATERAL -- RECEIVED

Exhibit A

Bank Services Agreements

- 1) \$600.0 Cash Secured Letter of Credit

UCC FINANCING STATEMENT AMENDMENT

FOLLOW INSTRUCTIONS

A. NAME & PHONE OF CONTACT AT FILER (optional)

B. E-MAIL CONTACT AT FILER (optional)

C. SEND ACKNOWLEDGMENT TO: (Name and Address)

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1a. INITIAL FINANCING STATEMENT FILE NUMBER
20153950408

1b. This FINANCING STATEMENT AMENDMENT is to be filed [for record] (or recorded) in the REAL ESTATE RECORDS
Filer: attach Amendment Addendum (Form UCC3Ad) and provide Debtor's name in item 13

2. **TERMINATION:** Effectiveness of the Financing Statement identified above is terminated with respect to the security interest(s) of Secured Party authorizing this Termination Statement
3. **ASSIGNMENT** (full or partial): Provide name of Assignee in item 7a or 7b, and address of Assignee in item 7c and name of Assignor in item 9
For partial assignment, complete items 7 and 9 and also indicate affected collateral in item 8
4. **CONTINUATION:** Effectiveness of the Financing Statement identified above with respect to the security interest(s) of Secured Party authorizing this Continuation Statement is continued for the additional period provided by applicable law
5. **PARTY INFORMATION CHANGE:**
Check one of these two boxes: Debtor or Secured Party of record
AND Check one of these three boxes to:
 CHANGE name and/or address: Complete item 6a or 6b; and item 7a or 7b and item 7c
 ADD name: Complete item 7a or 7b, and item 7c
 DELETE name: Give record name to be deleted in item 6a or 6b

6. **CURRENT RECORD INFORMATION:** Complete for Party Information Change - provide only one name (6a or 6b)

6a. ORGANIZATION'S NAME

OR

6b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	---------------------	-------------------------------	--------

7. **CHANGED OR ADDED INFORMATION:** Complete for Assignment or Party Information Change - provide only one name (7a or 7b) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name)

7a. ORGANIZATION'S NAME

OR

7b. INDIVIDUAL'S SURNAME	INDIVIDUAL'S FIRST PERSONAL NAME	INDIVIDUAL'S ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	----------------------------------	--------------------------------------------	--------

7c. MAILING ADDRESS

CITY	STATE	POSTAL CODE	COUNTRY
------	-------	-------------	---------

8. **COLLATERAL CHANGE:** Also check one of these four boxes: ADD collateral DELETE collateral RESTATE covered collateral ASSIGN collateral
Indicate collateral:

9. **NAME OF SECURED PARTY OF RECORD AUTHORIZING THIS AMENDMENT:** Provide only one name (9a or 9b) (name of Assignor, if this is an Assignment)
If this is an Amendment authorized by a DEBTOR, check here and provide name of authorizing Debtor

9a. ORGANIZATION'S NAME
SILICON VALLEY BANK

OR

9b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	---------------------	-------------------------------	--------

10. **OPTIONAL FILER REFERENCE DATA:**
DE-SOS DEBTOR: VERIMATRIX INTERNATIONAL, INC.

UCC FINANCING STATEMENT AMENDMENT

FOLLOW INSTRUCTIONS

A. NAME & PHONE OF CONTACT AT FILER (optional)

B. E-MAIL CONTACT AT FILER (optional)

C. SEND ACKNOWLEDGMENT TO: (Name and Address)

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1a. INITIAL FINANCING STATEMENT FILE NUMBER
15-7484181009

1b. This FINANCING STATEMENT AMENDMENT is to be filed [for record] (or recorded) in the REAL ESTATE RECORDS. Filer: attach Amendment Addendum (Form UCC3Ad) and provide Debtor's name in item 13

2. **TERMINATION:** Effectiveness of the Financing Statement identified above is terminated with respect to the security interest(s) of Secured Party authorizing this Termination Statement

3. **ASSIGNMENT** (full or partial): Provide name of Assignee in item 7a or 7b, and address of Assignee in item 7c and name of Assignor in item 9. For partial assignment, complete items 7 and 9 and also indicate affected collateral in item 8

4. **CONTINUATION:** Effectiveness of the Financing Statement identified above with respect to the security interest(s) of Secured Party authorizing this Continuation Statement is continued for the additional period provided by applicable law

5. **PARTY INFORMATION CHANGE:**
Check one of these two boxes: Debtor or Secured Party of record
AND Check one of these three boxes to:
 CHANGE name and/or address: Complete item 6a or 6b; and item 7a or 7b and item 7c
 ADD name: Complete item 7a or 7b, and item 7c
 DELETE name: Give record name to be deleted in item 6a or 6b

6. **CURRENT RECORD INFORMATION:** Complete for Party Information Change - provide only one name (6a or 6b)

6a. ORGANIZATION'S NAME

OR

6b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	---------------------	-------------------------------	--------

7. **CHANGED OR ADDED INFORMATION:** Complete for Assignment or Party Information Change - provide only one name (7a or 7b) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name)

7a. ORGANIZATION'S NAME

OR

7b. INDIVIDUAL'S SURNAME	INDIVIDUAL'S FIRST PERSONAL NAME	INDIVIDUAL'S ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	----------------------------------	--------------------------------------------	--------

7c. MAILING ADDRESS

CITY	STATE	POSTAL CODE	COUNTRY
------	-------	-------------	---------

8. **COLLATERAL CHANGE:** Also check one of these four boxes: ADD collateral DELETE collateral RESTATE covered collateral ASSIGN collateral. Indicate collateral.

9. **NAME OF SECURED PARTY OF RECORD AUTHORIZING THIS AMENDMENT:** Provide only one name (9a or 9b) (name of Assignor, if this is an Assignment). If this is an Amendment authorized by a DEBTOR, check here and provide name of authorizing Debtor

9a. ORGANIZATION'S NAME
SILICON VALLEY BANK

OR

9b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)	SUFFIX
--------------------------	---------------------	-------------------------------	--------

10. **OPTIONAL FILER REFERENCE DATA:**
CA-SOS DEBTOR: VERIMATRIX, INC.

EXHIBIT A**Patents**

<u>Description</u>		<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Analyzing digital frequencies for smart cards	Germany	19923231.8	Jan 11, 2001
Apparatus and method for securing data on a smart card	Germany	19923232.6	Apr 19, 2001
Reproduction protection of secrets on smart cards	Germany	19953321.0	Jun 9, 2001
Handling system for information cards	Germany	19908823.3	Feb 19, 2004
Bidirectional broadcasting system	France	1070398	Oct 6, 2004
Bidirectional broadcasting system	Germany	1070398	Oct 6, 2004
Bidirectional broadcasting system	Switzerland	1070398	Oct 6, 2004
Bidirectional broadcasting system	United Kingdom	1070398	Oct 6, 2004
Prevention of reproduction of secrets on a chip card	France	1226561	May 25, 2005
Prevention of reproduction of secrets on a chip card	Germany	1226561	May 25, 2005
Prevention of reproduction of secrets on a chip card	Switzerland	1226561	May 25, 2005
Prevention of reproduction of secrets on a chip card	United Kingdom	1226561	May 25, 2005
Method and Apparatus For Decoding Broadband Data	Brazil	PI0518243-3	Oct 19, 2005
Method and Apparatus For Decoding Broadband Data	EPO	05803715.1-1244	Oct 19, 2005
Test De Qualite Video Et Audio Method and system for testing the ability of a device to produce an error-free video and/or audio signal and recording medium containing instructions for the implementation of said method	France	03 08124	Oct 28, 2005
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity of at least one software program which is transmitted to an encryption/decryption module and recoding media for implementing such method	France	03 00525	Jan 27, 2006

Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Belguim	1584190	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Germany	P60306815.4	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Spain	2271693	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	France	1584190	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Luxembourg	1584190	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Monaco	1584190	Jul 12, 2006
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Switzerland	1584190	Jul 12, 2006
Network Security System and Method	EPO	07718230.1	Jan 19, 2007
Apparatus and method for data packet transmission	Austria	1359720	Feb 21, 2007
Apparatus and method for data packet transmission	Germany	1359720	Feb 21, 2007
Apparatus and method for data packet transmission	Switzerland	1359720	Feb 21, 2007
Apparatus and method for data packet transmission	France	1359720	Feb 21, 2007
Apparatus and method for data packet transmission	United Kingdom	1359720	Feb 21, 2007
Efficient Application of Video Marking Technologies	China	2007800245384	May 16, 2007
Efficient Application of Video Marking Technologies	EPO	07783843.1	May 16, 2007
Method and System for Protecting Ownership Rights of Digital Content Files	US	7240196	Jul 3, 2007
System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	S. Korea	10-2009-7026293	May 16, 2008

System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	China	201310426022.X	May 16, 2008
System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	EPO	08755715.3	May 16, 2008
Network-Based Content Distribution System	US	7426750	Sep 16, 2008
Covert and Robust Mark for Media Identification	US	7430302	Sep 30, 2008
Method and Apparatus For Decoding Broadband Data	Germany	10 2004 052 101.8	Jan 15, 2009
Efficient Watermarking Approaches of Compressed Media	EPO	09774601.0	Jul 6, 2009
Efficient Application of Video Marking Technologies	US	7738677	Jun 15, 2010
Systems and Methods for Detecting Clone Playback Devices	US	12840094	Jul 20, 2010
Method for Protecting Keys	Germany	11 2005 001 837.7-09	Sep 16, 2010
Method for generating a secret key	Germany	1387520	Nov 3, 2010
Method for generating a secret key	Netherlands	1387520	Nov 3, 2010
Method for generating a secret key	Switzerland	1387520	Nov 3, 2010
Securisation Des Logiciels Telecharges; Method and system for guaranteeing the integrity ...	Japan	4679903	Feb 10, 2011
Systems and Methods for Securing Content Delivered Using a Playlist	EPO	11745281.3	Feb 17, 2011
Systems and Methods for Securing Content Delivered Using a Playlist	US	13579020	Nov 7, 2012
Diversification De Cles; Method for Sharing Information Cipherring/Decipherring Key and Key Sharing System and Access Control System Applying the Same	EPO	11305483.7	Apr 22, 2011
Device Authentication for Secure Key Retrieval for Adaptive Streaming Media Players	China	201180028901.6	May 4, 2011
Device Authentication for Secure Key Retrieval for Streaming Media Players	EPO	11778315.9	May 4, 2011
Covert and Robust Mark for Media Identification	Germany	1917625	May 25, 2011
Covert and Robust Mark for Media Identification	Finland	1917625	May 25, 2011

Covert and Robust Mark for Media Identification	France	1917625	May 25, 2011
Covert and Robust Mark for Media Identification	Switzerland	1917625	May 25, 2011
Covert and Robust Mark for Media Identification	United Kingdom	1917625	May 25, 2011
Covert and Robust Mark for Media Identification	Netherlands	1917625	May 25, 2011
Covert and Robust Mark for Media Identification	Sweden	1917625	May 25, 2011
Content Delivery Proxy System and Method	US	7962947	Jun 14, 2011
Systems and Methods for Detecting Clone Playback Devices	CN	201080041812.0	Jul 20, 2011
Systems and Methods for Detecting Clone Playback Devices	EPO	10802795.4	Jul 20, 2011
Off- Line Content Delivery System with Layered Encryption	Australia	2010276315	Jul 20, 2011
Digital Rights Domain Management For Secure Content Distribution In A Local Network	EPO	11810374.6	Jul 20, 2011
Movie Studio-based Network Distribution System and Method	US	8037506	Oct 11, 2011
Protection D'un Calcul Cryptographique Method and system for protecting information via a control word	EPO	11306571.8	Nov 28, 2011
Network Security System and Method	US	8127346	Feb 28, 2012
Network User Authentication System and Method	US	8181262	May 15, 2012
Multi-source Bridge Content Distribution System and Method	US	8191098	May 29, 2012
Systems and Methods for Performing Semantic Analysis of Media Objects	US	13266761	Jun 15, 2012
Diversification De Cles; Method for sharing information ciphering/deciphering key and key sharing system and access control system applying the same	France	10 53170	Jun 29, 2012
Network Security System and Method	China	ZL200780002623.0	Sep 12, 2012

Covert and Robust Mark for Media Identification	China	200680032570.2	Oct 10, 2012
Generation Et Verification Accelerees De Signatures Process for the cryptographic signature of messages, process for signature verification and device for the implementation of such signature and verification	EPO	EP20120189812	Oct 24, 2012
Device Authentication for Secure Key Retrieval for Streaming Media Players	US	13695497	Mar 18, 2013
Digital Rights Domain Management For Secure Content Distribution In A Local Network	US	13810886	Mar 26, 2013
System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	US	13932801	Jul 1, 2013
System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	US	8478980	Jul 2, 2013
Protection D'un Calcul Cryptographique; Method and system for protecting information via a control word	France	10 59936	Jul 12, 2013
Systems and Methods for Rapid Content Switching to Provide a Linear TV Experience Using Streaming Content Distribution	US	13945871	Jul 18, 2013
Systems and Methods for Rapid Content Switching to Provide a Linear TV Experience Using Streaming Content Distribution	EPO	138197793.3	Jul 18, 2013
Efficient Watermarking Approaches of Compressed Media	US	8515123	Aug 20, 2013
Content Delivery Proxy System and Method	Germany	2210190	Sep 11, 2013
Content Delivery Proxy System and Method	France	2210190	Sep 11, 2013
Content Delivery Proxy System and Method	United Kingdom	2210190	Sep 11, 2013
Security and Key Management of Digital Content	US	14048970	Oct 8, 2013
System and Method for Defining Programmable Processing Steps Applied When Protecting The Data	China	ZL200880016538.4	Oct 16, 2013
Off-Line Content Delivery System with Layered Encryption	US	8600062	Dec 3, 2013

Efficient Application of Video Marking Technologies	S. Korea	10-1352830	Jan 13, 2014
Covert and Robust Mark for Media Identification	S. Korea	10-1361591	Feb 5, 2014
Security and Key Management of Digital Content	PCT	PCTUS201423571	Mar 11, 2014
Reformatting Media Streams to Include Auxiliary Data	US	14213919	Mar 14, 2014
Generation Et Verification Accelerees De Signature; Process for the cryptographic signature of messages, process for signature verification and device for the implementation of such signature and verification	France	1159809	Apr 18, 2014
Enhanced Cablecard Processor Including OOB Simulator	US	8826362	Sep 2, 2014
Network User Authentication System and Method	Germany	1905191	Sep 3, 2014
Network User Authentication System and Method	France	1905191	Sep 3, 2014
Network User Authentication System and Method	United Kingdom	1905191	Sep 3, 2014
Efficient Watermarking Approaches of Compressed Media	China	ZL200980134546.3	Oct 22, 2014
System and Method for Synchronized Key Derivation Across Multiple Conditional Access Servers	PCT	PCTUS2014063585	Oct 31, 2014
Systems and Methods for Using Content Protection Signaling to Collect Audience Measurement Data	PCT	PCT/US2014/073078	Dec 31, 2014
Efficient Watermarking Approaches of Compressed Media	US	8995711	Mar 31, 2015
Protection D'un Calcul Cryptographique Process for the protection of cryptographic circuitry with corresponding system	France	12 55742	Jun 13, 2015
Security and Key Management of Digital Content	EPO	14768975.6	Aug 21, 2015
Network security system and method	US	11625044	Jan 19, 2007
Security monitoring system and method for network distribution of digital content	US	11680492	Feb 28, 2007
Web based human services conferencing network	US	09782702	Feb 12, 2001

System and method for connecting entertainment media servers to local video shop inventories	US	11928993	Oct 30, 2007
System and method for aggregating, editing, and distributing content	US	11994189	Apr 23, 2008
Pre-programmed optical disc designed for secure game players allowing for pay television services	US	12092816	May 6, 2008
Network-based content distribution system	US	12189503	Aug 11, 2008
Systems and methods for performing semantic analysis of media objects	US	14970386	Dec 15, 2015
Digital rights domain management for secure content distribution in a local network	US	14970390	Dec 15, 2015
Device authentication for secure key retrieval for streaming media players	US	14986799	Jan 4, 2016

Bank's security interest recorded at the US Patent and Trademark Office on September 20, 2016 at Reel Number 039801 and Frame Number 0018.

EXHIBIT B

Trademarks

<u>Description</u>			<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
VERIMATRIX	CL 9	US	3024002	Dec 6, 2005
V-TRADE	CL 36	Hong Kong	300843552	Oct 15, 2007
V-TRADE	CL 36	Taiwan	1310345	Jun 1, 2008
V-TRADE	CL 36	CTM	6153969	Aug 19, 2008
VERIMATRIX	CL 42	US	3496359	Sep 2, 2008
VIEWRIGHT	CL 9	US	3497258	Sep 2, 2008
VERIMATRIX and Design	CL 42	US	3602371	Apr 7, 2009
VERIMATRIX and Design	CL 9	US	3606016	Apr 14, 2009
VERIMATRIX	CL 9, CL 42	CTM	7244809	Jul 14, 2009
VIDEOMARK	CL 9	US	3797612	Jun 1, 2010
STREAMMARK	CL 9	EU	009785395	Aug 16, 2011
STREAMMARK	CL 9	US	4046660	Oct 25, 2011
VERSPECTIVE	CL 42	US	86582427	Mar 31, 2015

Bank's security interest recorded at the US Patent and Trademark Office on September 20, 2016 at Reel Number 005880 and Frame Number 0895.