

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3167631

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
3VR SECURITY, INC.	12/26/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPUS BANK
<b>Street Address:</b>	19900 MACARTHUR BOULEVARD
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92612
<b>PROPERTY NUMBERS Total: 28</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7529411
Patent Number:	7646895
Patent Number:	7663661
Patent Number:	7664183
Patent Number:	7667732
Patent Number:	7672370
Patent Number:	7697026
Patent Number:	7760230
Patent Number:	7843491
Patent Number:	7847820
Patent Number:	7933455
Patent Number:	8130285
Patent Number:	8803975
Application Number:	60420505
Application Number:	60554050
Application Number:	60668645
Application Number:	60668644
Application Number:	60668643
Application Number:	60716729
Application Number:	11520532

PATENT

Property Type	Number
Application Number:	11520116
Application Number:	12905786
Application Number:	14035098
Application Number:	14292832
PCT Number:	US2005008655
PCT Number:	US2005008735
PCT Number:	US2006035960
PCT Number:	US2006035959

#### CORRESPONDENCE DATA

**Fax Number:** (312)258-5600

*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:** 312-258-5724

**Email:** cbollinger@schiffhardin.com

**Correspondent Name:** CHRIS L. BOLLINGER

**Address Line 1:** P.O. BOX 06079

**Address Line 2:** SCHIFF HARDIN LLP

**Address Line 4:** CHICAGO, ILLINOIS 60606-0079

**ATTORNEY DOCKET NUMBER:** 41907-0014

**NAME OF SUBMITTER:** CHRIS L. BOLLINGER

**SIGNATURE:** /Chris L. Bollinger/

**DATE SIGNED:** 12/31/2014

#### Total Attachments: 8

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*IP Security Agreement*") dated as of December 26, 2014, is made by **3VR SECURITY, INC.**, a California corporation (herein referred to as "*Grantor*" or "*Debtor*") in favor of **OPUS BANK**, a California Commercial Bank ("*Opus*" or "*Lender*") as Lender under that certain Credit Agreement dated as of the date hereof between Debtor and Lender (as amended and restated, supplemented or otherwise modified from time to time, the "*Credit Agreement*"). Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the making of Loans by the Lender, Grantor has executed and delivered that certain General Security Agreement dated as of the date hereof between the Grantor and the Lender (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*Security Agreement*").

WHEREAS, under the terms of the Security Agreement, the Grantor has granted a security interest in, among other property, certain intellectual property of the Grantor to the Lender, and has agreed as a condition thereof to execute this IP Security Agreement covering such intellectual property for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

**SECTION 1. Grant of Security.** Grantor hereby grants to the Lender a security interest in and to all of Grantor's right, title and interest in and to the following (the "*Collateral*"):

(i) the United States, registered patents and patent applications set forth in **Schedule A** hereto (as such Schedule A may be supplemented from time to time by supplements to the Security Agreement and this IP Security Agreement, each such supplement, an "*IP Security Agreement Supplement*"), executed and delivered by Grantor to the Lender from time to time), together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof (the "*Patents*");

(ii) the United States registered trademark and applications set forth in **Schedule B** hereto (as such Schedule B may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "*Trademarks*");

(iii) the United States copyright registrations set forth in **Schedule C** hereto (as such Schedule C may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "*Copyrights*");

(iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(v) any and all proceeds of the foregoing.

Notwithstanding the foregoing, however, the Collateral shall not include any intent-to-use trademarks, prior to the filing of a "Statement of Use" with respect thereto if and solely to the extent that (and so long as) any such intent-to-use trademark application would be rendered void by the attachment or creation of a security interest in the right, title or interest of such Grantor therein).

**SECTION 2. Security for Obligations.** The grant of a security interest in, the Collateral by Grantor under this IP Security Agreement secures the payment of the Obligations (as defined in the Security Agreement) of Grantor now or hereafter existing, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest (including any interest that accrues after the commencement of bankruptcy), premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.

**SECTION 3. Recordation.** Grantor authorizes and requests that the Register of Copyrights and the Commissioner of Patents and Trademarks record this IP Security Agreement.

**SECTION 4. Execution in Counterparts.** This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

**SECTION 5. Grants, Rights and Remedies.** This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Lender with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

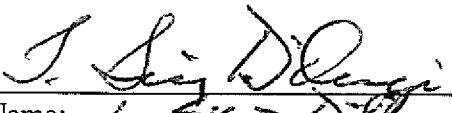
**SECTION 6. Governing Law.** This IP Security Agreement shall be governed by, and construed in accordance with, the law of the State of California.

IN WITNESS WHEREOF, Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

**Address for Notices:**

3VR Security, Inc.  
475 Brannan Street  
Suite 430  
San Francisco, CA 94107  
Attention:

**3VR SECURITY INC.**, a California corporation,  
as Grantor


By:   
Name: L. Silvio DiRazzo  
Its: CFO

(Signature Page to IP Security Agreement)

**PATENT**  
**REEL: 034609 FRAME: 0390**

IN WITNESS WHEREOF, Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

**OPUS BANK**, as Lender

By:   
Name: Kevin P. McBride  
Its: Senior Managing Director

**Address for Notices:**

19900 MacArthur Boulevard  
12<sup>th</sup> Floor  
Irvine, California 92612  
Attn: Credit Administration

(Signature Page to IP Security Agreement)

**PATENT**  
**REEL: 034609 FRAME: 0391**

**Schedule A to the  
IP Security Agreement**

**PATENTS:**

**Patents:**

<b>Title</b>	<b>Patent #</b>	<b>Country</b>
Pipeline Architecture For Analyzing Multiple Video Streams	2,568,049	Canada
Interactive System For Recognition Analysis Of Multiple Streams Of Video	7,529,411 B2	US
Grouping Items In Videos Stream Images Into Events	7,646,895 B2	US
Feed-Customized Processing Of Multiple Video Streams In A Pipeline Architecture	7,663,661 B2	US
Correlation Processing Among Multiple Analyzers Of Video Streams At Stages Of A Pipeline Architecture	7,664,183 B2	US
Event Generation And Camera Cluster Analysis Of Multiple Video Streams In A Pipeline Architecture	7,667,732 B1	US
Deep Frame Analysis Of Multiple Video Streams In A Pipeline Architecture	7,672,370 B1	US
Pipeline Architecture For Analyzing Multiple Video Streams	7,697,026 B2	US
Method For Automatically Reducing Stored Data In A Surveillance System	7,760,230 B2	US
Monitoring And Presenting Video Surveillance Data	7,843,491 B2	US
Intelligent Event Determination And Notification In A Surveillance System	7,847,820 B2	US
Grouping Items In Videos Stream Images Into Events	7,933,455 B2	US
Automated Searching For Probable Matches In A Video Surveillance System	8,130,285 B2	US
Interactive System For Recognition Analysis Of Multiple Streams Of Video	8803975 B2	US

**Patent Applications:**

<b>Title</b>	<b>Application #</b>	<b>Country</b>
Interactive System For Recognition Analysis Of Multiple Streams of Video	2,559,381	Canada
Interactive System For Recognition Analysis Of Multiple Streams Of Video	05728175.0	European Patent Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	05725674.5	European Patent Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	11171394.7	European Patent Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	11171401.0	European Patent Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	11171405.1	European Patent

<b>Title</b>	<b>Application #</b>	<b>Country</b>
		Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	11171406.9	European Patent Convention Countries
Interactive System For Recognition Analysis Of Multiple Streams Of Video	13170276.3	European Patent Convention Countries
Pipeline Architecture For Analyzing Multiple Video Streams	07106626.2	Hong Kong
Pipeline Architecture For Analyzing Multiple Video Streams	12103850.9	Hong Kong
Pipeline Architecture For Analyzing Multiple Video Streams	12103851.8	Hong Kong
Pipeline Architecture For Analyzing Multiple Video Streams	12103852.7	Hong Kong
Pipeline Architecture For Analyzing Multiple Video Streams	12103853.6	Hong Kong
Storage Of Video Analysis Data For Real-Time Alerting And Forensic Analysis	10-2008-7008915	Korea
Pipeline Architecture For Analyzing Multiple Video Streams	PCT/US05/08655	PCT=Patent Cooperation Treaty Countries
Interactive System For Recognition Analysis Of Multiple Streams Of Video	PCT/US05/08735	PCT=Patent Cooperation Treaty Countries
Storage Of Video Analysis Data For Real-Time Alerting And Forensic Analysis	PCT/US06/35960	PCT=Patent Cooperation Treaty Countries
Specifying Search Criteria For Searching Video Data	PCT/US06/35959	PCT=Patent Cooperation Treaty Countries
Security Intelligence	60/420,505	US
Video Intelligence Platform	60/554,050	US
Method And Apparatus For Monitoring And Presenting Data In A Video Surveillance System	60/668,645	US
Method And Apparatus For Grouping Items In Video Stream Images Into Events	60/668,644	US
Automated Searching For Probable Matches In A Video Surveillance System	60/668,643	US
Motion Data Storage And User Interface	60/716,729	US
Storage Of Video Analysis Data For Real-Time Alerting And Forensic Analysis	11/520,532	US
Specifying Search Criteria For Searching Video Data	11/520,116	US
Presenting Video Data	12/905,786	US
Specifying Search Criteria For Searching Video Data	14/035,098	US
Calculation the Duration Time in a Confined Space	14292832	US



**Schedule B to the  
IP Security Agreement**

**TRADEMARKS**

**Trademarks:**

<b>Mark</b>	<b>Registration #</b>
3VR	3234333
Crimedex	2532896

**Trademark Applications:**

<b>Mark</b>	<b>Application #</b>
VisionPoint	85774489

**Schedule C to the  
IP Security Agreement**

**COPYRIGHTS**

None.

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