

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
NOVAFORA, INC.		06/30/2009	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	3979 FREEDOM CIRCLE		
Internal Address:	SUITE 600		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	CHARTERED BANK: CALIFORNIA		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Serial Number:	77562934	NOVAFORA	
Serial Number:	77562930	NOVAFORA	
CORRESPONDENCE DATA			
Fax Number:	(404)962-6736		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(404) 885-3038		
Email:	michael.brignati@troutmansanders.com		
Correspondent Name:	MICHAEL J. BRIGNATI, PH.D.		
Address Line 1:	TROUTMAN SANDERS LLP		
Address Line 2:	600 PEACHTREE STREET, N.E.		
Address Line 4:	ATLANTA, GEORGIA 30308-2216		
ATTORNEY DOCKET NUMBER:	220763.000913		
NAME OF SUBMITTER:	Michael J. Brignati, Ph.D.		

OP \$65.00 77562934

Signature:	/Michael J. Brignati 60,890/
Date:	07/07/2009
Total Attachments: 11 source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page1.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page2.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page3.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page4.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page5.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page6.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page7.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page8.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page9.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page10.tif source=SVB-NOVAFORA_EXECUTED_IP_AGREEMENT#page11.tif	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of June 30, 2009 by and between SILICON VALLEY BANK ("**Bank**") and NOVAFORA, INC., a Delaware corporation ("**Grantor**").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "**Loans**") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated July 18, 2008 (as the same may be amended, modified or supplemented from time to time, the "**Loan Agreement**"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B. Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "**Intellectual Property Collateral**"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "**Copyrights**");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “**Patents**”);

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the “**Trademarks**”);

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “**Mask Works**”);

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

[Signature Page Follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

2460 N. 1st Street, Suite 200
San Jose, California 95131

Attn: Zaki Rakib, Chief Executive Officer

NOVAFORA, INC.

By: 

Name: ZAKI RAKIB
Title: PRESIDENT

BANK:

Address of Bank:

3979 Freedom Circle, Suite 600
Santa Clara, California 95054

Attn: Megan Willard

SILICON VALLEY BANK

By: 

Name: MEGAN WILLARD
Title: VP

[Signature Page to IP Security Agreement]

SCHEDULE A

Copyrights

<u>Description</u>	<u>Registration/ Application Number</u>
NONE	N/A

Case Tracking System
All Cases Summary Report

Date: July 7, 2009

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Status, Filing Date, App. Serial No.</u> <u>STATUS</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
NOVA-00100	US Patent	US		Pending Filed: 12/21/2007 Serial #: 11/963,705		Title: System and Method for Processing Video Content Having Redundant Pixel Values	1
NOVA-00200	US Patent	US		Pending Filed: 4/21/2008 Serial #: 12/107,008		Title: System and Method for User Object Selection in Geographic Relation to a Video Display	2
NOVA-00200TW	Foreign Patent	Taiwan	NOVA-00200	Pending Filed: 4/21/2009 Serial #: 098113158		Title: System and Method for User Object Selection in Geographic Relation to a Video Display	3
NOVA-00200WO	PCT	PCT	NOVA-00200	Pending Filed: 4/20/2009 Serial #: pct/US2009/041151		Title: System and Method for User Object Selection in Geographic Relation to a Video Display	4
NOVA-00300	US Patent	US		Pending Filed: 2/29/2008 Serial #: 12/040,788		Title: Resource Allocation for Frame-Based Controller	5
NOVA-00400	US Patent	US		Pending Filed: 8/27/2008 Serial #: 12/199,741		Title: A Method and System for Encoding Order and Frame Type Selection Optimization	6
NOVA-00500	US Patent	US		Pending Filed: 4/15/2008 Serial #: 61/045,254		Title: System and Method for Interactive Video Remote Control	7
NOVA-00501	US Patent	US	NOVA-00500	Pending Filed: 4/14/2009 Serial #: 12/423,752		Title: Systems and Methods for Remote Control of Interactive Video	8
NOVA-00501TW	Foreign Patent	Taiwan	NOVA-00500	Pending Filed: 4/15/2009 Serial #: 098112577		Title: Systems and methods for remote control of interactive video	9
NOVA-00501WO	PCT	PCT	NOVA-00500	Pending Filed: 4/15/2009 Serial #: PCT/US2009/040721		Title: Systems and Methods for Remote Control of Interactive Video	10
NOVA-00600	US Patent	US		Pending Filed: 6/4/2008 Serial #: 12/133,183		Title: Adaptive Deblocking Complexity Control Apparatus and Method	11
NOVA-00700	US Patent	US		Pending Filed: 11/21/2007 Serial #: 11/944,290		Title: Method and Apparatus for Generation, Distribution and Display of Interactive Video Content	12

TRADEMARK

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Case Tracking System
All Cases Summary Report

Date: July 7, 2009

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Status, Filing Date, App. Serial No.</u> <u>STATUS</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
NOVA-00700TW	Foreign Patent	Taiwan		Pending Filed: 12/17/2008 Serial #: 097149129		Title: Method and Apparatus for Generation, Distribution and Display of Interactive Video Content	13
NOVA-00700WO	PCT	PCT	NOVA-00700	Pending Filed: 11/21/2008 Serial #: PCT/US2008/013196		Title: Method and Apparatus for Generation, Distribution and Display of Interactive Video Content	14
NOVA-00800	US Patent	US		Pending Filed: 4/15/2008 Serial #: 61/045,278		Title: Video Genomics: A Framework For Representation and Matching of Video Content	15
NOVA-00801	US Patent	US	NOVA-00800	Pending Filed: 1/6/2009 Serial #: 12/349,469		Title: Methods and systems for representation and matching of video content	16
NOVA-00801TW	Foreign Patent	Taiwan	NOVA-00800	Pending Filed: 4/15/2009 Serial #: 098112574		Title: Methods and systems for representation and matching of video content	17
NOVA-00801WO	PCT	PCT	NOVA-00800	Pending Filed: 4/14/2009 Serial #: PCT/US2009/040530		Title: Methods and systems for representation and matching of video content	18
NOVA-00802	US Patent	US	NOVA-00800	Pending Filed: 1/6/2009 Serial #: 12/349,473		Title: Universal Lookup of Video-Related Data	19
NOVA-00802TW	Foreign Patent	Taiwan	NOVA-00800	Pending Filed: 4/15/2009 Serial #: 098112575		Title: Universal Lookup of Video-Related Data	20
NOVA-00802WO	PCT	PCT	NOVA-00800	Pending Filed: 4/15/2009 Serial #: PCT/US2009/040699		Title: Universal Lookup of Video-Related Data	21
NOVA-00803	US Patent	US	NOVA-00800	Pending Filed: 1/6/2009 Serial #: 12/349,478		Title: Methods and systems for representation and matching of video content	22
NOVA-00803TW	Foreign Patent	Taiwan	NOVA-00800	Pending Filed: 4/15/2009 Serial #: 098112578		Title: Methods and systems for representation and matching of video content	23
NOVA-00803WO	PCT	PCT	NOVA-00800	Pending Filed: 4/15/2009 Serial #: PCT/US2009/040618		Title: Methods and systems for representation and matching of video content	24

All Cases Summary Report

Date: July 7, 2009

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Status, Filing Date, App. Serial No.</u> <u>STATUS</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
NOVA-00900	US Patent	US		New Filed: No Date Serial #: None		Title: HVTP	25
NOVA-01000	US Patent	US		Pending Filed: 1/8/2009 Serial #: 12/350,889		Title: Methods and Systems For Media Content Control	26
NOVA-01200	US Patent	US		Pending Filed: 7/16/2007 Serial #: 11/778,633		Title: Method and Apparatus for Video Digest Generation	28
NOVA-01201	US Patent	US	NOVA-01200	Pending Filed: 7/16/2008 Serial #: 12/174,558		Title: Method and Apparatus for Video Digest Generation	29
NOVA-01201TW	Foreign Patent	Taiwan	NOVA-01200	Pending Filed: 7/16/2008 Serial #: 097127021		Title: Method and Apparatus for Video Digest Generation	30
NOVA-01201WO	PCT	PCT	NOVA-01200	Pending Filed: 7/16/2008 Serial #: PCT/US2008/070224		Title: Method and Apparatus for Video Digest Generation	31
NOVA-01300	US Patent	US		Pending Filed: 11/29/2006 Serial #: 11/605,946		Title: Parallel Deblocking Filter for H.264 Video Codec	32
NOVA-01300WO	PCT	PCT	NOVA-01300	Pending Filed: 11/29/2007 Serial #: PCT/US2007/085987		Title: Parallel Deblocking Filter for H.264 Video Codec	33
NOVA-01400	US Patent	US		Pending Filed: 11/29/2006 Serial #: 11/606,401		Title: Parallel Processing Motion Estimation for H.264 Video Codec	34
NOVA-01400WO	PCT	PCT	NOVA-01400	Pending Filed: 11/29/2007 Serial #: PCT/US2007/085989		Title: Parallel Processing Motion Estimation for H.264 Video Codec	35
NOVA-01500	US Patent	US		Pending Filed: 9/7/2007 Serial #: 11/852,195		Title: Method and Apparatus for Providing a Permutation Load/Store Mechanism	36
NOVA-01600	US Patent	US		Pending Filed: 11/16/2007 Serial #: 11/941,847		Title: Runtime Instruction Decoding Modification in a Multi-Processing Array	37
NOVA-01600TW	Foreign Patent	Taiwan	NOVA-01600	Pending Filed: 11/17/2008 Serial #: 097144314		Title: Runtime Instruction Decoding Modification in a Multi-Processing Array	38

Case Tracking System
All Cases Summary Report

Date: July 7, 2009

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Status, Filing Date, App. Serial No. STATUS</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
NOVA-01600WO	PCT	PCT	NOVA-01600	Pending Filed: 11/14/2008 Serial #: PCT/US2008/083682		Title: Runtime Instruction Decoding Modification in a Multi-Processing Array	39
NOVA-01700	US Patent	US		Pending Filed: 3/24/2008 Serial #: 12/054,339		Title: Method of Providing Space Filling Patterns	40
NOVA-01800	US Patent	US		New Filed: No Date Serial #: None		Title: Video Camera as Remote Controller	41
NOVA-01900	US Patent	US		New Filed: No Date Serial #: None		Title: Novabar	42
NOVA-02100	US Patent	US		Pending Filed: 12/9/2008 Serial #: 12/331,324		Title: System and Method for Generating Real Addresses in Data Processing Architectures	44
NOVA-02200	US Patent	US		Pending Filed: 12/9/2008 Serial #: 12/331,333		Title: Address Generation Unit Using Nested Loops To Scan Multi-Dimensional Data Structures	45
NOVA-02300	US Patent	US		Pending Filed: 12/9/2008 Serial #: 12/331,337		Title: Address Generation Unit Using End Point Patterns to Scan Multi-Dimensional Data Structures	46
NOVA-02400	US Patent	US		Pending Filed: 12/9/2008 Serial #: 12/331,345		Title: Modified-SIMD Data Processing Architecture	47
NOVA-02500	US Patent	US		Pending Filed: 1/8/2009 Serial #: 12/350,869		Title: Contextual Advertising	48
NOVA-02600	US Patent	US		Pending Filed: 1/8/2009 Serial #: 12/350,877		Title: Content Distribution Systems and Methods	49
NOVA-02601	US Patent	US	NOVA-02600	Pending Filed: 3/30/2009 Serial #: 12/414,566		Title: Content Distribution Systems and Methods	50
NOVA-02602	US Patent	US	NOVA-02600	Pending Filed: 3/30/2009 Serial #: 12/414,586		Title: Content Distribution Systems and Methods	51
NOVA-02700	US Patent	US		Pending Filed: 1/8/2009 Serial #: 12/350,883		Title: Methods and Systems for Interacting with Viewers of Video Content	52

Case Tracking System
All Cases Summary Report

Date: July 7, 2009

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Status, Filing Date, App. Serial No.</u> <u>STATUS</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
NOVA-03500	US Patent	US		Pending Filed: 2/27/2009 Serial #: 61/156,406		Title: An Efficient Implementation of the Convolution Operator on Two-dimensional Systolic Arrays	60
NOVA-03900	US Patent	US		Pending Filed: 4/1/2009 Serial #: 12/416,872		Title: Feature Based Image Alignment	64
	US Patent	US		Issued Filed: 6/8/2009 Serial #: 09/319,608	6,606,743	Title: Real Time Program Language Accelerator	

SCHEDULE C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
NOVAFORA (Allowed)	77/562,934	09/04/2008
NOVAFORA (Allowed)	77/562,930	09/04/2008
JVX (Cancelled)	76/045,559	05/11/2000

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date