PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4916007

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DSC ABC, LLC	02/14/2018

RECEIVING PARTY DATA

Name:	STEREOVISION IMAGING, INC.
Street Address:	3452 EAST FOOTHILL BLVD
Internal Address:	SUITE 1125
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91107

PROPERTY NUMBERS Total: 101

Property Type	Number
Application Number:	11230546
Application Number:	11353123
Application Number:	11353124
Application Number:	11610867
Application Number:	12393522
Application Number:	12393537
Application Number:	12710057
Application Number:	12762772
Application Number:	13079260
Application Number:	13329595
Application Number:	13470715
Application Number:	13839216
Application Number:	13840441
Application Number:	13840833
Application Number:	13841304
Application Number:	13841620
Application Number:	13841856
Application Number:	13843089
Application Number:	13843227

Property Type	Number
Application Number:	13956961
Application Number:	14076158
Application Number:	14076172
Application Number:	14165724
Application Number:	14230099
Application Number:	14245853
Application Number:	14249085
Application Number:	14265465
Application Number:	14325538
Application Number:	14611557
Application Number:	14667925
Application Number:	14667929
Application Number:	14727632
Application Number:	14732655
Application Number:	14732656
Application Number:	14732657
Application Number:	14792508
Application Number:	14795059
Application Number:	14803188
Application Number:	14819478
Application Number:	14941638
Application Number:	14941882
Application Number:	14953330
Application Number:	14986640
Application Number:	15162454
Application Number:	15189039
Application Number:	15207543
Application Number:	15233360
Application Number:	15272149
Application Number:	15291576
Application Number:	15343103
Application Number:	15348962
Application Number:	15405411
Application Number:	15405424
Application Number:	15405430
Application Number:	15405665
Application Number:	15471272
Application Number:	15581081

Property Type	Number
Application Number:	15667935
Application Number:	15667991
Application Number:	15822285
Application Number:	15862132
Application Number:	15864645
Application Number:	15942371
Application Number:	15947948
Application Number:	60611295
Application Number:	60651989
Application Number:	60750045
Application Number:	61154207
Application Number:	61678147
Application Number:	61682463
Application Number:	61683409
Application Number:	61683418
Application Number:	61693969
Application Number:	61696447
Application Number:	61699430
Application Number:	61972366
Application Number:	61972371
Application Number:	62279083
Application Number:	62279089
Application Number:	62279093
PCT Number:	US0533510
PCT Number:	US0605094
PCT Number:	US0662096
PCT Number:	US0762117
PCT Number:	US1024934
PCT Number:	US1355090
PCT Number:	US1356536
PCT Number:	US1356537
PCT Number:	US1356538
PCT Number:	US1424821
PCT Number:	US1424835
PCT Number:	US1513205
PCT Number:	US1522391
PCT Number:	US1522393
PCT Number:	US1523911

Property Type	Number
PCT Number:	US1523938
PCT Number:	US1539182
PCT Number:	US1635626
PCT Number:	US1635631
PCT Number:	US1635633
PCT Number:	US1640977

CORRESPONDENCE DATA

Fax Number:

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: 703.472.9954
Email: rick@toeringpatents.com
Correspondent Name: RICK A. TOERING
Address Line 1: 1602 VILLAGE MARKET BLVD
Address Line 2: SUITE 220
Address Line 4: LEESBURG, VIRGINIA 20175

NAME OF SUBMITTER:	RICK A. TOERING
SIGNATURE:	/ rick a toering /
DATE SIGNED:	04/15/2018

Total Attachments: 11
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This Intellectual Property Assignment Agreement (the "Assignment") is hereby entered into on is hereby entered into on February 14, 2018 (the "Effective Date"), by and between DSC (assignment for the benefit of creditors), LLC, a Delaware limited liability company, in its sole and limited capacity as assignee for the benefit of creditors of Digital Signal Corporation, Inc. ("Assignor"), and StereoVision Imaging, Inc., a California corporation ("Assignee").

1. Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of all of Assignor's right, title and interest in, to and under, all of the following (hereafter collectively referred to as "Intellectual Property"):

(i) the entire worldwide right, title and interest of Assignor in and to each and all patents in the United States and in all foreign countries including, without limitation corresponding Patent Cooperation Treaty patent applications and corresponding National patent applications and all inventions, improvements and discoveries disclosed in said patents and applications, including but not limited to those set forth in **Schedule A** hereto, and in and to all substitutions, divisions, continuations, continuations-in-part, reexaminations, extensions, renewals and reissues (as applicable) thereof, including without limitation of generality, all rights of priority resulting from the filing of patent applications relating to any of the foregoing as well as any and all choses in action and any and all claims and demands, both at law and in equity, that Assignor has or may have for damages or profits accrued or to accrue on account of the infringement of any of said patents, patent applications, inventions, improvements and discoveries (or any provisional rights therein), the same to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if the assignment set forth in this Assignment had not been made;

(ii) the full and complete right to file patent applications in the name of the Assignor, at the Assignee's, or its designee's election, on the aforesaid inventions, improvements, discoveries and applications in all countries of the world;

(iii) the entire right, title and interest of Assignor in and to any patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same;

(iv) any and all trademark and servicemark rights throughout the world, including any and all applications, registrations, and common law marks, whether registered or not, together with the goodwill of the business associated with and symbolized by same, held by Assignor, including but not limited to those set forth on **Schedule B** hereto, together with all common law rights therein, and the right of Assignor to sue for and recover damages or profits arising out of past, present, or future infringement of any and all of said rights as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made;

(v) any and all copyrights throughout the world, including any and all applications, registrations, and like protections, whether registered or not, whether published or unpublished, together with all common law rights therein, and the right of Assignor to sue for and recover damages or profits arising out of past, present, or future infringement of any and all of said rights as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made;

(vi) any and all trade secret rights, including rights Assignor may have under the laws governing confidential information or rights in law to prevent the unauthorized use or disclosure of such information.

2. Assignor, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, convey, transfer and assign to Assignee, and Assignee hereby accepts the sale, conveyance, transfer and assignment of all right, title and interest of Assignor in, to and under the Intellectual Property, including all worldwide right, title and interest of Assignor in, to and under the Intellectual Property, together with the right of Assignor to claim priority in all countries in accordance with international law, any and all rights of Assignor corresponding to said Intellectual Property in countries throughout the world, and all of Assignor's rights to sue for past, present or future infringement of said Intellectual Property worldwide together with all claims for damages by reason of past, present or future infringement of said Intellectual Property, and the right to sue for and collect the same for Assignee's own use and enjoyment, all to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made. Assignor hereby authorizes and requests the United States Patent and Trademarks Office to issue said Patents and Trademarks in accordance with this Assignment.

3. Upon the consummation of this Assignment, the Assignor's conveyance, transfer and assignment of the Intellectual Property shall be rendered on an "AS IS" and "WHERE IS" basis. Assignor represents and warrants that upon information and belief, Assignor has full and complete authority to make this Assignment.

4. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original hereof, and all of which shall constitute a single agreement effective as of the date hereof. Any delivery of an executed counterpart of this Assignment by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Assignment.

5. This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

6. This Assignment shall be governed by and construed in accordance with federal law, to the extent applicable, and, where state law is implicated, the internal laws of the State of Delaware, without giving effect to any principles of conflicts of law.

IN WITNESS WHEREOF, Assignor and Assignee executed and delivered this Assignment by their duly authorized representatives as of the Effective Date.

ASSIGNOR:

DSC (assignment for the benefit of creditors), LLC, solely as assignee for the benefit of creditors of Digital Signal Corporation, Inc.

By: _____

Name: Michael A. Maidy

Its: Manager

[to be completed by notary public]

On this _____ day of _____, before me, _____, the undersigned Notary Public, personally appeared _____ on behalf of DSC (assignment for the benefit of creditors), LLC, in its sole and limited capacity as assignee for the benefit of creditors of Digital Signal Corporation, Inc. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that the same was signed in their authorized capacity and that by this signature _____ (assignment for the benefit of creditors), LLC executed the instrument.

In witness whereof, I hereunto set my hand and official seal:

_____
(notary signature)

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara)

On February 5, 2018 before me, Carissa Kozacek
(insert name and title of the officer)

personally appeared Michael A. Maidy
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

CARISSA KOZACEK
Commission # 2101911
Notary Public - California
Santa Clara County
My Comm. Expires Mar 1, 2019

WITNESS my hand and official seal.

Signature Carissa Kozacek (Seal)

ASSIGNEE:

StereoVision Imaging, Inc.

By: _____

Name: Gregory Steinthal

Its: Founder & President

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

[to be completed by notary public]

On this 6th day of Feb 2018, before me, Daniel Rey Reyes, Notary Public, the undersigned Notary Public, personally appeared Michael Gregory Steinthal on behalf of StereoVision Imaging, Inc. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that the same was signed in their authorized capacity and that by this signature StereoVision Imaging, Inc. executed the instrument.

In witness whereof, I hereunto set my hand and official seal:

_____
(notary signature)

DANIEL REY REYES
Commission # 2140442
Notary Public - California
Los Angeles County
My Comm. Expires Jan 22, 2020

SCHEDULE A

Patents

Title:	Country	Application No.	Filing Date:	Patent No.:	Grant Date:
S/M for Providing Chirped Electromagnetic Radiation (enhanced range invention)	USA	11/353,124	14-Feb-06	8,081,670	20-Dec-11
	USA	13/329,595	19-Dec-11	8,891,566	18-Nov-14
	WO/PCT	PCT/US07/062117 WO 2007/095565	14-Feb-07		
	Australia	2007214439	14-Aug-08		
	Australia	2013205646	2-May-13	2013205646	
	Canada	2,642,474	14-Aug-08		
	China	200780012665.2	8-Oct-08	ZL200780012665	11-May-11
	India	3478/KOLNP/2008	26-Aug-08		
	Japan	2008-555467	14-Aug-08	5579392	18-Jul-15
S/M for Tracking Eyeball Motion	US Provisional	60/750,045	14-Dec-05		
	USA	11/610,867	14-Dec-06	7,699,469	20-Apr-10
	USA	12/762,772	19-Apr-10	8,177,363	15-May-12
	USA	13/470,715	14-May-12	8,579,439	12-Nov-13
	USA	14/076,158	8-Nov-13	8,757,804	24-Jun-14
	USA	14/265,465	30-Apr-14		
	USA	14/986,640	1-Jan-16	9,723,980	8-Aug-17
	USA	15/667,935	3-Aug-17		
	WO/PCT	PCT/US06/062096 WO 2007/070853	14-Dec-06		
	Australia	2006325781	13-Jun-08		
	Australia	2013222042	13-Jun-08		
	Canada	2,634,033	13-Jun-08		
	China	200680052371.8	5-Aug-08	ZL200680052371.8	7-Sep-11
	EPO	06848645.5 EP 1959817	30-Jun-08		
	EPO / Germany	60 2006 049 917.5 1959817	30-Jun-08	1959817	10-Aug-16
	EPO / France	06848645.5 EP 1959817	30-Jun-08	1959817	10-Aug-16
	EPO / United Kingdom	06848645.5 EP 1959817	30-Jun-08	1959817	10-Aug-16
	India	2805/KOLNP/2008	10-Jul-08	279059	
	Japan	2008-545976	16-Jun-08	5043038	
S/M for Remotely Monitoring Physiological Functions	US Provisional	60/611,295	21-Sep-04		
	USA	11/230,546	21-Sep-05	7,507,203	24-Mar-09
	USA	12/393,537	26-Feb-09	9,872,639	23-Jan-18
	USA	14/953,330	28-Nov-15		
	USA	15/864,645	8-Jan-18		

	WO/PCT	PCT/US05/33510 WO 2006/034211	21-Sep-05		
	Australia	2005286872	8-Mar-07	20586872	21-Jun-12
	Canada	2,579,100	1-Mar-07	2579100	
	China	200580031816.X	21-Mar-07	ZL200580031816.X	
	EPO	05798055.9 EP 1814443	12-Mar-07	1814443	7-Nov-12
	EPO / Germany	60 2005 036 909.0 1814443	12-Mar-07	1814443	7-Nov-12
	EPO / France	05798055.9 814443	12-Mar-07	1814443	7-Nov-12
	EPO / United Kingdom	05798055.9 814443	12-Mar-07	1814443	7-Nov-12
	India	940/KOLNP/2007	16-Mar-07	28862	21-Sep-15
	Japan	2007-532596	20-Mar-07	5227023	22-Mar-13
S/M for Providing Chirped Electromagnetic Radiation (dual chirp invention)	US Provisional	60/651,989	14-Feb-05		
	USA	11/353,123	14-Feb-06	7,511,824	31-Mar-09
	USA	12/393,522	26-Feb-09	7,920,272	5-Apr-11
	USA	13/079,260	4-Apr-11	8,582,085	12-Nov-13
	USA	14/076,172	9-Nov-13	9,864,060	9-Jan-18
	USA	15/862,132	4-Jan-18		
	WO/PCT	PCT/US06/05094 WO 2006/088822	14-Feb-06		
	Canada	2,597,712	13-Aug-07	2597712	
	China	200680011582.7	10-Oct-07	200680011582.7	19-May-10
	China	201010121338.4	22-Feb-10	201010121338.4	18-Jul-12
	EPO	06734976.1 EP1850739	22-Aug-07	1850739	26-Oct-11
	EP/France	6734976.1	22-Aug-07	1850739	26-Oct-11
	EP/Germany	6734976.1	22-Aug-07	602006025420.2	26-Oct-11
	EP/United Kingdom	6734976.1	22-Aug-07	1850739	26-Oct-11
	EPO	11174528.7 EP 2386245	19-Jul-11	2386245	19-Dec-12
	EPC/ Germany	60 2006 033 780.9.	19-Jul-11	2386245	19-Dec-12
	EPC/ France	11174528.7	19-Jul-11	2386245	19-Dec-12
	EPC/ United Kingdom	11174528.7	19-Jul-11	2386245	19-Dec-12
	Hong Kong	8104205.5	18-Apr-08	1850739	2-Mar-12
	Japan	2007-555327	14-Aug-07	5086104	14-Sep-12

S/M for Increasing Coherence Length in Lidar Systems	USA	13/843,089	15-Mar-13		
	WO/PCT	PCT/US14/24821	12-Mar-14		
	EPO	14808322.3	22-Jul-15		
	USA	13/843,227	15-Mar-13	9,081,090	14-Jul-15
	USA	14/795,059	9-Jul-15		
	WO/PCT	PCT/US14/24835	12-Mar-14		
	EPO	14769313.9	22-Jul-15		
S/M for Generating Three Dimensional Images using Lidar and Video Measurements	US/Prov	61/154,207	20-Feb-09		
	USA	12/710,057	22-Feb-10	8,717,545	6-May-14
	USA	14/230,099	31-Mar-14	9,103,907	11-Aug-15
	USA	14/819,478	6-Aug-15	9,489,746	11-Aug-16
	WO/PCT	PCT/US10/024934 WO 2010/141120	22-Feb-10		
	Australia	2010257107	23-Aug-11	2010257107	22-Oct-15
	Canada	2,753,197	19-Aug-11		
	China	201080014736.4	28-Sep-11	201080014736.4	
	EPO	10783731.2 EP 2399150	25-Aug-11		
	Hong Kong	12108177.4 1167463A	21-Aug-12		
	India	3478/KOLNP/2011	19-Aug-11		
	Japan	2011-551278 2012-518793	22-Aug-11	6054035B2	27-Dec-16
S/M for Positioning a Mirror in a Lidar System using Open Loop and Closed Loop Control	USA	61/678,147	1-Aug-12		
	USA	13/956,961	1-Aug-13		
	USA	15/348,962	10-Nov-16		
	USA	15/581081	27-Apr-17		
S/M for Calibrating Video and Lidar Subsystems	USA	61/682,463	13-Aug-12		
	USA	13/839,216	15-Mar-13	9,134,402	15-Sep-15
S/M for Field Calibrating Video and Lidar Subsystems using Facial Features	USA	61/683,409	15-Aug-12		
	USA	13/840,833	15-Mar-13	9,453,907	27-Sep-16
	USA	15/272,149	21-Sep-16		
	PCT	2013-055090	15-Mar-13		
	EPO	13829328.7	6-Mar-15		
S/M for Detecting a Face Contour using a Three-Dimensional Measurement System	USA	61/683,418	15-Aug-12		
	USA	13/840,441	15-Mar-13	9,188,676	17-Nov-15
	USA	14/941,638	15-Nov-15		
S/M for Refining Coordinate-based Three-Dimensional Images Obtained from a Three-Dimensional Measurement System	USA	61/693,969	28-Aug-12		
	USA	13/841,304	15-Mar-13		
	USA	15/162,454	23-May-16		
	PCT	2013-056536	24-Aug-13		
	EPO	13833862.9	6-Mar-15		
S/M for Increasing Resolution of Images Obtained from a Three-Dimensional Measurement System	USA	61/696,447	4-Sep-12		
	USA	13/841,620	15-Mar-13	8,948,497	2-Feb-15
	USA	14/611,557	2-Feb-15	9,606,233	28-Mar-17
	USA	15/471,272	28-Mar-17		

	PCT	2013-056537	24-Aug-13		
	EPO	13835882.5	6-Mar-15		
	Japan	2015-531114	4-Mar-15		
	Australia	2013313140	18-Mar-15		
	Australia	2017213589	14-Aug-17		
	China	201380056034.6			
	Canada	2,885,318	18-Mar-15		
	India	808/KOLNP/2015	25-Mar-15		
S/M for Off Angle Three-Dimensional Face Standardization for Robust Performance	USA	61/699,430	11-Sep-12		
	USA	13/841,856	15-Mar-13		
	USA	15/189,039	22-Jun-16		
	PCT	2013-056538	24-Aug-13		
	EPO	13837875.7			
S/M for using Combining Couplers with Asymmetric Split Ratios in a Lidar System	USA	14/249,085	9-Apr-14	9,547,074	17-Jan-17
	USA	15/233,360	10-Aug-16		
	USA	15/405,665	13-Jan-17		
	PCT	2015-23938	1-Apr-15		
S/M for Field Calibrating Video and Lidar Subsystems using Independent	USA	14/165,724	28-Jan-14		
	PCT	2015-013205	28-Jan-15		
S/M for Improving an Image Characteristic of Image Frames in a Video Stream	USA	14/254853	4-Apr-14		
	USA	14/941,882	16-Nov-15		
	PCT	2015-23911	1-Apr-15		
S/M for Detecting Potential Matches between a Candidate Biometric and a Dataset of Biometrics	USA	61/972,366	30-Mar-14		
	USA	14/667,925	25-Mar-15		
	PCT	2015-22391	25-Mar-15		
S/M for Detecting Potential Fraud between a Probe Biometric and a Dataset of Biometrics	USA	61/972,371	30-Mar-14		
	USA	14/667,929	25-Mar-15		
	PCT	2015-22393	25-Mar-15		
Apparatus and Method for Terminating an Array of Optical Fibers	USA	14/325,538	8-Jul-14		
	USA	15/207543	12-Jul-16		
	PCT	2015-39182	6-Jul-15		
Wavefront Sensing for Biometric	USA	12/792498	2-Jun-10		
S/M for an Improved Chirped Lidar	USA	14/727632	1-Jun-15		
	USA	62/279083	15-Jan-16		
	USA	15/405,411	13-Jan-17		
S/M for Intelligent Camera Control	USA	14/732,657	5-Jun-15	9,729,782	8-Aug-17
	USA	15/667,991	3-Aug-17		
	PCT	2016-35626	3-Jun-16		
S/M for Determining Ranges to a Target behind a Transparent Surface	USA	14/732,656	5-Jun-15	9,829,578	28-Nov-17
	USA	15/822,285	27-Nov-17		
	PCT	2016-35631	3-Jun-16		
S/M for Detecting and Removing Occlusions in a Three-Dimensional Image	USA	14/803,188	20-Jul-15		
	USA	62/279089	15-Jan-16		
	USA	15/405,424	13-Jan-17		
S/M for Facial Recognition using Images Captured from Target	USA	14/732,655	5-Jun-15	9,495,584	15-Nov-16
	USA	15/343,103	3-Nov-16		

Illuminated with Infrared Light	PCT	2016-35633	3-Jun-16		
S/M for Polarization Compensation	USA	14/792,508	6-Jul-15		
	USA	62/279093	15-Jan-16		
	USA	15/405,430	13-Jan-17		
	PCT	2016-40977	5-Jul-16		