

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4894618

<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>
NANOPRECISION HOLDING COMPANY, INC.	02/27/2018
NANOPRECISION PRODUCTS, INC.	02/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LAKE VIEW AG
<b>Street Address:</b>	C/O TRANSRECO TRADING EST.
<b>Internal Address:</b>	IM GAFOS 5
<b>City:</b>	SCHAAN
<b>State/Country:</b>	LIECHTENSTEIN
<b>Postal Code:</b>	FL 9494
<b>PROPERTY NUMBERS Total: 46</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13786448
Application Number:	13861273
Patent Number:	9885833
Application Number:	14695008
Patent Number:	9782814
Application Number:	14714240
Application Number:	14714247
Patent Number:	9897769
Application Number:	14857757
Application Number:	14940141
Application Number:	14968841
Application Number:	15058070
Application Number:	15077816
Patent Number:	9851511
Application Number:	15135464
Application Number:	15135466
Application Number:	15236381
Patent Number:	9864145

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Property Type	Number
Application Number:	15333184
Application Number:	15362077
Application Number:	15460228
Patent Number:	7343770
Patent Number:	7311449
Patent Number:	8740029
Patent Number:	8961034
Patent Number:	9507099
Patent Number:	9279942
Patent Number:	9091833
Patent Number:	9213148
Patent Number:	9690054
Patent Number:	9857542
Application Number:	13861375
Application Number:	62396114
Application Number:	62396113
Application Number:	62424210
Application Number:	62376245
Application Number:	62376381
Application Number:	62376249
Application Number:	62384141
Application Number:	62384143
Application Number:	62384146
Application Number:	62384148
Application Number:	62384150
Application Number:	62384152
Application Number:	62384154
Application Number:	62483801

#### CORRESPONDENCE DATA

Fax Number: (619)235-0398

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ATTORNEY DOCKET NUMBER:	121848-000001
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<b>NAME OF SUBMITTER:</b>	PAMELA SKELTON
<b>SIGNATURE:</b>	/Pamela Skelton/
<b>DATE SIGNED:</b>	04/02/2018
<b>Total Attachments: 9</b> source=Lake_View_NPP_Patent_Security_Agmt#page1.tif source=Lake_View_NPP_Patent_Security_Agmt#page2.tif source=Lake_View_NPP_Patent_Security_Agmt#page3.tif source=Lake_View_NPP_Patent_Security_Agmt#page4.tif source=Lake_View_NPP_Patent_Security_Agmt#page5.tif source=Lake_View_NPP_Patent_Security_Agmt#page6.tif source=Lake_View_NPP_Patent_Security_Agmt#page7.tif source=Lake_View_NPP_Patent_Security_Agmt#page8.tif source=Lake_View_NPP_Patent_Security_Agmt#page9.tif	

## **PATENT SECURITY AGREEMENT**

THIS PATENT SECURITY AGREEMENT, dated as of February 27, 2018 (this "**Patent Security Agreement**") is among **NANOPRECISION HOLDING COMPANY, INC.**, a Delaware corporation, and **NANOPRECISION PRODUCTS, INC.**, a Delaware corporation (each, individually, a "**Grantor**" and, collectively, the "**Grantors**") and **LAKE VIEW AG**, a Liechtenstein company ("**Grantee**").

WHEREAS, Grantors, collectively, own all right, title and interest in and to all the patent applications and patents listed on **Exhibit A** attached hereto including: (a) all letters patent of the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or any other country, including registrations, recordings and applications in the U.S. Patent and Trademark Office or in any similar office or agency of the United States, any state or territory thereof, or any other country with respect to any inventions and improvements described and claimed therein, (b) all applications claiming the benefit of the filing date of the listed patent applications, patents pending, and patents, all reissues, continuations, continuations in part, reexaminations, divisions, renewals or extensions thereof, (c) all right (but not the obligation) of Secured Party to sue in its own name and/or in the name of the Grantor for past, present and future infringements thereof, and (d) all rights corresponding to the foregoing throughout the world (collectively, the "**Patent Rights**").

WHEREAS, Grantee made one or more loans to Grantors and such indebtedness is evidenced by certain agreements and instruments including, without limitation, a certain Financing and Security Agreement, dated as of June 6, 2017, and a certain Loan and Security Agreement, dated February 27, 2018, (each, individually, the "**Security Agreement**" and, collectively, the "**Security Agreements**"), pursuant to which Grantors have granted to Grantee a continuing security interest in all present and future Collateral (as defined in the Security Agreements), including, without limitation, the Patent Rights; and

WHEREAS, the parties wish to execute and deliver this Patent Security Agreement for the purpose of confirming the grant of a continuing security interest in the Patent Rights from Grantor to Grantee.

NOW THEREFORE, in order to secure the payment and performance in full of all of Grantor's Obligations (as such term is defined in the Security Agreements), Grantor hereby grants to Grantee a continuing security interest in the Patent Rights, including all income, royalties, damages and payments now or hereafter due and/or payable under or with respect thereto, the right to sue for past, present and future infringements thereof, all other rights corresponding thereto throughout the world, and all proceeds and products thereof.

1. Grantor hereby acknowledges and affirms that the rights and remedies of the Grantee with respect to the security interest in the Patent Rights granted hereby are more fully set forth in the Security Agreements, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Patent Security Agreement and the terms of the Security Agreements, the terms of the Security Agreement shall govern.

2. Grantor hereby agrees to execute, at Grantor's expense, such additional documents as Grantee may request to register and otherwise give full effect to and perfect the rights of Grantee under this Agreement in and to the Patent Rights worldwide, including all documents necessary to record this Agreement with the U.S. Patent Office.

**[The Remainder of this Page Intentionally Left Blank.]**

IN WITNESS WHEREOF, each of the parties hereto has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**NANOPRECISION HOLDING COMPANY, INC.,**  
as Debtor,

By: \_\_\_\_\_

Name: Marc Paul Jacobs, Secretary

**NANOPRECISION PRODUCTS, INC.,**  
as Debtor,

By: \_\_\_\_\_

Name: Marc Paul Jacobs, Secretary

**LAKE VIEW AG,**  
as Creditor,

By: \_\_\_\_\_

Name: Eugene F. Peppard, Authorized Officer

**EXHIBIT A**  
to  
**PATENT SECURITY AGREEMENT**  
**LIST OF COLLATERAL**

**U.S. Patent Applications, Patents Pending and Patents:**

<b>APP. NO.</b>	<b>PAT. NO.</b>	<b>TITLE</b>	<b>FILING DATE</b>
13/786,448		COUPLING DEVICE HAVING A STRUCTURED REFLECTIVE SURFACE FOR COUPLING INPUT/OUTPUT OF AN OPTICAL FIBER	March 5, 2013
13/861,273		HERMETIC OPTICAL FIBER ALIGNMENT ASSEMBLY HAVING INTEGRATED OPTICAL ELEMENT	April 11, 2013
14/031,036	9,885,833	OPTICAL FIBER SCRIBING TOOL	September 18, 2013
14/695,008		COUPLING DEVICE HAVING A STAMPED STRUCTURED SURFACE FOR ROUTING OPTICAL DATA SIGNALS	April 23, 2015
14/714,211	9,782,814	STAMPING TO FORM A COMPOSITE STRUCTURE OF DISSIMILAR MATERIALS HAVING STRUCTURED FEATURES	May 15, 2015
14/714,240		DEMOUNTABLE OPTICAL CONNECTOR FOR OPTOELECTRONIC DEVICES	May 15, 2015
14/714,247		OPTICAL CONNECTION OF OPTICAL FIBERS TO GRATING COUPLERS	May 15, 2015
14/721,990	9,897,769	VISION-BASED PASSIVE ALIGNMENT OF AN OPTICAL FIBER SUBASSEMBLY TO AN	May 26, 2015

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		OPTOELECTRONIC DEVICE	
14/857,757		TENSIONING DEVICE HAVING A FLEXURE MECHANISM FOR APPLYING AXIAL TENSION TO CLEAVE AN OPTICAL FIBER	September 17, 2015
14/940,141		METHOD OF LASER POLISHING A CONNECTORIZED OPTICAL FIBER AND A CONNECTORIZED OPTICAL FIBER FORMED IN ACCORDANCE THEREWITH	November 12, 2015
14/968,841		HERMETIC OPTICAL FIBER ALIGNMENT ASSEMBLY	December 14, 2015
15/058,070		FERRULE FOR OPTICAL FIBER CONNECTOR HAVING A COMPLIANT STRUCTURE FOR CLAMPING ALIGNMENT PINS	March 1, 2016
15/077,816		OPTICAL BENCH SUBASSEMBLY HAVING INTEGRATED PHOTONIC DEVICE	March 22, 2016
15/077,902	9,851,511	AXIAL PRELOAD FOR DEMOUNTABLE CONNECTORS	March 22, 2016
15/135,464		COUPLING DEVICE HAVING A STRUCTURED REFLECTIVE SURFACE FOR COUPLING INPUT/OUTPUT OF AN OPTICAL FIBER	April 21, 2016
15/135,466		HERMETIC OPTICAL FIBER ALIGNMENT ASSEMBLY HAVING INTEGRATED OPTICAL ELEMENT	April 21, 2016
15/236,381		STAMPED SOLAR COLLECTOR CONCENTRATOR SYSTEM	August 12, 2016
15/236,390	9,864,145	MULTIPLEXER/DEMULTIPLEXER USING STAMPED OPTICAL BENCH WITH MICRO MIRRORS	August 12, 2016

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15/333,184	9,880,366	HERMETIC OPTICAL SUBASSEMBLY	October 24, 2016
15/362,077		HIGH DENSITY MULTI-FIBER FERRULE FOR OPTICAL FIBER CONNECTOR	November 28, 2016
15/460,228		OPTICAL ALIGNMENT OF AN OPTICAL SUBASSEMBLY TO AN OPTOELECTRONIC DEVICE	March 15, 2015
10/620,851	7,343,770	STAMPING SYSTEM FOR MANUFACTURING HIGH TOLERANCE PARTS	June 15, 2003
10/643,759	7,311,449	HIGH PRECISION OPTOELECTRONIC COMPONENTS	August 18, 2003
13/171,435	8,740,029	DETERMINISTIC CLEAVE OF OPTICAL FIBER	June 28, 2011
13/440,970	8,961,034	OPTICAL FIBER CONNECTOR FERRULE HAVING OPEN FIBER CLAMPING GROOVES	April 5, 2012
13/650,099	9,507,099	HIGH DENSITY MULTI-FIBER FERRULE FOR OPTICAL FIBER CONNECTOR	October 11, 2012
13/650,119	9,279,942	FERRULE FOR OPTICAL FIBER CONNECTOR HAVING A COMPLIANT STRUCTURE FOR CLAMPING ALIGNMENT PINS	October 11, 2012
13/668,207	9,091,833	CASTELLATED OPTICAL FIBER CABLE RETENTION STRUCTURE	November 2, 2012
13/861,268	9,213,148	HERMETIC OPTICAL FIBER ALIGNMENT ASSEMBLY	April 11, 2013
14/449,133	9,690,054	FOLDOVER OPTICAL FIBER FERRULE ASSEMBLY	July 31, 2014
15/224,413	9,857,542	BIDIRECTIONAL OPTICAL	July 29, 2016

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		TRANSCEIVER MODULE	
13/861,375			
62/396,114			
62/396,113			
62/424,210			
62/376,245			
62/376,381			
62/376,249			
62/384,141			
62/384,143			
62/384,146			
62/384,148			
62/384,150			
62/384,152			
62/384,154			
621/483,801			

International and Foreign Patent Applications, Patents Pending and Patents:

PUB. NO.	PAT. NO.	TITLE	PUBLICATION DATE
KR20177030028		OPTICAL BENCH SUBASSEMBLY HAVING INTEGRATED PHOTONIC DEVICE	November 24, 2017
KR20177030026		AXIAL PRELOAD FOR DEMOUNTABLE CONNECTORS	November 21, 2017
WO2017US47461		OPTICAL FIBER CONNECTOR FERRULE ASSEMBLY HAVING DUAL REFLECTIVE SURFACES	February 22, 2018

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		FOR BEAM EXPANSION AND EXPANDED BEAM CONNECTOR INCORPORATING SAME	
MX20170006171		A METHOD OF LASER POLISHING A CONNECTORIZED OPTICAL FIBER AND A CONNECTORIZED OPTICAL FIBER FORMED IN ACCORDANCE THEREWITH.	July 27, 2017
WO2017US47460		OPTICAL FIBER CONNECTOR FERRULE ASSEMBLY HAVING SINGLE REFLECTIVE SURFACE FOR BEAM EXPANSION AND EXPANDED BEAM CONNECTOR INCORPORATING SAME	February 22, 2018
BR20141110540		CASTELLATED OPTICAL FIBER CABLE RETENTION STRUCTURE	June 13, 2017
CN201611013563		COUPLING DEVICE HAVING STRUCTURED REFLECTIVE SURFACE FOR COUPLING INPUT/OUTPUT OF OPTICAL FIBER	June 13, 2017
JP20170008185		OPTICAL FIBER CONNECTOR FERRULE WITH OPEN FIBER CLAMPING GROOVES	June 8, 2017
MX20160014893		OPTICAL CONNECTION OF OPTICAL FIBERS TO GRATING COUPLERS.	March 7, 2017
MX20160014892		DEMOUNTABLE OPTICAL CONNECTOR FOR OPTOELECTRONIC DEVICES.	March 7, 2017
MX20160015120		VISION-BASED PASSIVE ALIGNMENT OF AN OPTICAL FIBER SUBASSEMBLY TO AN OPTOELECTRONIC DEVICE.	February 22, 2017
MX20160014546		STAMPING TO FORM A	February 20, 2017

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		COMPOSITE STRUCTURE OF DISSIMILAR MATERIALS HAVING STRUCTURED FEATURES.	
CN2014877110		MANAGED CONNECTIVITY IN OPTICAL DISTRIBUTION FRAME	February 22, 2017
BR20121133683		DETERMINISTIC CLEAVE OF OPTICAL FIBER	December 6, 2016
WO2016US58554		HERMETIC OPTICAL SUBASSEMBLY	April 27, 2017

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