

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4752103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
NATIONWIDE PRECISION PRODUCTS CORP.	12/21/2017
HELIO PRECISION PRODUCTS, INC.	12/21/2017
HN PRECISION HOLDING INC.	12/21/2017
HM PRECISION COMPANY	12/21/2017
RECEIVING PARTY DATA	
Name:	PNC BANK, NATIONAL ASSOCIATION
Street Address:	COMMERCIAL LOAN SERVICE CENTER/DCC
Internal Address:	500 FIRST AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15219
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	7198554
Patent Number:	7628870
Patent Number:	7897102
CORRESPONDENCE DATA	
Fax Number:	(215)832-5619
<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:	215-569-5619
Email:	PECSENYE@BLANKROME.COM
Correspondent Name:	TIMOTHY D. PECSENYE
Address Line 1:	BLANK ROME LLP
Address Line 2:	ONE LOGAN SQUARE
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	074658-17108
NAME OF SUBMITTER:	TIMOTHY D. PECSENYE
SIGNATURE:	/Timothy D. Pecsénye/
DATE SIGNED:	12/27/2017

PATENT

Total Attachments: 13

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (this “Agreement”), dated as of December 21, 2017, is made by NATIONWIDE PRECISION PRODUCTS CORP., a New York corporation (“Nationwide”), HELIO PRECISION PRODUCTS, INC., an Illinois corporation (“Helio”), HN PRECISION COMPANY, a Delaware corporation (“HN Precision”), HN PRECISION HOLDING INC., a Delaware corporation (“Holdings” and together with Nationwide, Helio, HN Precision and any other Person that may hereafter become a party to this Agreement as a grantor of liens hereunder, collectively, “Grantors” and each a “Grantor”), in favor of PNC BANK, NATIONAL ASSOCIATION, in its capacity as “Agent” under the Credit Agreement referenced below (together with its successors and assigns in such capacity, including any replacement or successor “Agent” appointed under the Credit Agreement, the “Agent”).

W I T N E S S E T H:

WHEREAS, pursuant to that certain Revolving Credit, Term Loan and Security Agreement, dated of even date herewith, by and among the Agent, the various financial institutions named therein or which hereafter become a party thereto as lenders (collectively, the “Lenders”), the Grantors and each other Person hereafter joined thereto as a borrower or guarantor from time to time (as amended, modified, supplemented, renewed, restated or replaced from time to time, the “Credit Agreement”; capitalized terms used herein but not otherwise defined herein shall have the meanings given to such terms in the Credit Agreement), Agent and Lenders have made and/or will in the future make certain extensions of credit to the Grantors upon the terms and subject to the conditions set forth in the Credit Agreement;

WHEREAS, pursuant to the Credit Agreement, Grantors have granted to Agent, for its own benefit and for the ratable benefit of the Secured Parties, security interests in and liens upon substantially all of each Grantor’s assets, including without limitation all of each Grantor’s Intellectual Property and specifically including all of each Grantor’s registered United States patents, trademarks and copyrights and all of each Grantor’s filed United States patent applications, trademark applications and copyright applications, all whether now owned or hereafter created, arising and/or acquired (collectively, the “Intellectual Property Collateral” as hereinafter further defined); and

WHEREAS, Grantors have agreed to execute and deliver this Agreement, and to have a copy of this Agreement filed with the United States Patent and Trademark Office and/or the United States Copyright Office (as applicable), in order to perfect and/or protect all of Agent’s security interest in and liens upon the Intellectual Property Collateral;

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements provided for herein and in the Credit Agreement, and for other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged by each party hereto, and intending to be legally bound, the parties hereto agree as follows:

Section 1. Grant of Security Interest in Intellectual Property Collateral. Without limiting any other grant of any lien by any Grantor in any Collateral under the Credit Agreement or any Other Document, to secure the prompt payment and performance of all Obligations to Agent and

the other Secured Parties, each Grantor hereby assigns, pledges and grants to Agent, for its benefit and for the ratable benefit of the other Secured Parties, a continuing security interest in and lien upon all of such Grantor's right, title and interest in, to and under the following Collateral of such Grantor, all whether now owned and/or existing or hereafter created, arising and/or acquired (the "Intellectual Property Collateral"):

(a) all of its registered/issued United States patents and filed United States patent applications, including, without limitation, those referred to on Schedule 1 hereto or on any Schedule to any Supplement (as defined below) delivered hereafter, together with all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing;

(b) all of its registered United States trademarks and filed United States trademark applications, including, without limitation, those referred to on Schedule 1 hereto or on any Schedule to any Supplement delivered hereafter, together with all renewals, reversions and extensions of the foregoing;

(c) all goodwill of the business connected with the use of, and symbolized by, each such trademark and trademark application covered by clause (b) above;

(d) all of its registered United States copyrights and filed United States copyright applications, including, without limitation, those referred to on Schedule 1 hereto or on any Schedule to any Supplement delivered hereafter, together with all renewals, reversions and extensions of the foregoing;

(e) all applications, registrations, claims, awards, judgments, amendments, improvements and insurance claims related thereto now or hereafter owned or licensed by any Grantor, or any claims for damages by way of any past, present, or future infringement of any of the foregoing, together with all accessions and additions thereto and proceeds thereof (including, without limitation, any proceeds resulting under insurance policies); and

(f) all cash, income, royalties, fees, other proceeds, Receivables, accounts and general intangibles that consist of rights of payment to or on behalf of any Grantor, proceeds from the sale, licensing or other disposition of all or any part of, or rights in, the Intellectual Property Collateral by or on behalf of any Grantor, and all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof;

which such continuing security interest in and lien upon the Intellectual Property Collateral, and this Agreement, shall continue in full force and effect to secure each of the Obligations unless and until the Obligations have been indefeasibly satisfied and paid in full in cash and all Commitments under the Credit Agreement have been terminated.

Section 2. Credit Agreement. The security interests and liens granted pursuant to this Agreement are granted in conjunction with, and in no way limit, the security interests and liens granted to the Agent pursuant to the Credit Agreement and/or any of the Other Documents, and each Grantor hereby acknowledges and agrees that the rights and remedies of the Agent with

respect to the security interests in and liens upon the Intellectual Property Collateral made and granted hereby are more fully set forth in the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Section 3. Registration/Filing. This Agreement is intended by the parties to be filed, and each Grantor hereby authorizes Agent to file and record a copy of this Agreement, with the United States Patent and Trademark Office and/or United States Copyright Office, as applicable.

Section 4. Grantors Remains Liable. Each Grantor hereby agrees that, anything herein to the contrary notwithstanding, such Grantor shall retain full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with the Intellectual Property Collateral subject to a security interest hereunder.

Section 5. Agreement to Deliver Supplements. Each Grantor hereby covenants and agrees that promptly upon the acquisition by such Grantor of any new Intellectual Property Collateral, Grantors shall, concurrently with the next scheduled delivery of a Compliance Certificate under Section 9.7 or 9.9 of the Credit Agreement following acquisition of such new Intellectual Property Collateral, deliver to Agent a duly executed Supplement to this Agreement in the form of Exhibit A hereto (a "Supplement"), listing all such newly acquired Intellectual Property Collateral on Schedule I thereto, pursuant to which Grantors shall reconfirm the grant of a security interest in such newly acquired Intellectual Property Collateral to Agent, for its benefit and for the ratable benefit of the other Secured Parties, to secure the Obligations. Each Supplement is intended by the parties to be filed, and Grantors hereby authorize Agent to file and record a copy of each Supplement, with the United States Patent and Trademark Office and/or United States Copyright Office, as applicable. Regardless of whether any Supplement is delivered by Grantors, and without limiting the generality of the provisions of Section 1 hereof above, Grantors hereby confirm and agree that any and all such after-acquired Intellectual Property Collateral shall immediately and automatically upon any Grantor's acquisition of any right, title and interest therein become part of the Intellectual Property Collateral hereunder. In the event that any Grantor acquires any such new Intellectual Property Collateral but Grantors fail for whatever reason to promptly executed and deliver a Supplement to Agent pursuant to this Section 5, each Grantor hereby authorizes Agent, acting under its Power of Attorney granted pursuant to Section 8 below, to at any time thereafter execute in the name of such Grantor an applicable Supplement with respect to such newly acquired Intellectual Property Collateral and to file the same with he United States Patent and Trademark Office and/or United States Copyright Office, as applicable.

Section 6. Representation and Warranties. Grantors hereby represent and warrant to Agent and to the other Secured Parties that Schedule 1 sets forth a full, complete and correct list of all Intellectual Property Collateral owned by Grantors as of the date hereof.

Section 7. Events of Default and Remedies. The occurrence of an Event of Default under the Credit Agreement shall constitute an "Event of Default" under this Agreement. Upon the occurrence of and during the continuance of an Event of Default, in addition to all other rights, options, and remedies granted to Agent under the Credit Agreement or any of the Other Documents or otherwise available to Agent as a secured creditor at law or in equity, Agent may exercise, either directly or through one or more assignees or designees, all rights and remedies

granted to it as a secured creditor under the Uniform Commercial Code with respect to the Intellectual Property Collateral.

Section 8. Power of Attorney. Without limiting the generality of any power of attorney granted to Agent under the Credit Agreement or any Other Document, each Grantor hereby authorizes Agent, its successors and assigns, and any officer, employee, attorney or agent thereof, as such Grantor's true and lawful attorney-in-fact, with the power (a) to execute and endorse on behalf of and in the name of such Grantor any Supplement to this Agreement or other security agreement or similar document or instrument which Agent may deem necessary or desirable in order to create, protect, perfect or enforce the security interest provided for herein in the Intellectual Property Collateral and in each case to file or record any such Supplement or other security agreement or similar document or instrument with the United States Patent and Trademark Office and/or the United States Copyright Officer, as applicable, in the name of and on behalf of such Grantor, and (b) after the occurrence and during the continuance of an Event of Default, to execute and endorse on behalf of and in the name of such Grantor any assignment, bill of sale or similar document or instrument which Agent may deem necessary or desirable in order for Agent to assign, pledge, convey or otherwise sell, transfer title in or dispose of the Intellectual Property Collateral, and in each case to file or record with the United States Patent and Trademark Office and/or the United States Copyright Officer, as applicable, in the name of and on behalf of such Grantor any such assignment or bill of sale or other document executed by Agent, its successors and assigns, and any officer, employee, attorney or Agent thereof under this power of attorney. Each Grantor hereby unconditionally ratifies all that any person authorized under this power of attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms of hereof and of the Credit Agreement and the other Loan Documents. This power of attorney is coupled with an interest and is and shall be irrevocable unless and until all of the Obligations (including any obligations to provide cash collateral for any Letters of Credit) have been indefeasibly paid in full in cash and satisfied and all of the Commitments under the Credit Agreement have been terminated.

Section 9. Miscellaneous. This Agreement, and all matters relating hereto or arising herefrom (whether arising under contract law, tort law or otherwise) shall, in accordance with Section 5-1401 of the General Obligations Law of the State of New York, be governed by and construed in accordance with the laws of the State of New York. Without limiting the generality of the general incorporation of the Credit Agreement herein provided for above, the provisions of Section 16.1 of the Credit Agreement {agreements regarding, consents to and waivers regarding jurisdiction and venue}, Section 16.5 of the Credit Agreement {indemnities by Grantors}, Section 16.6 of the Credit Agreement {notices}, Section 16.9 of the Credit Agreement {expenses} and Article XII of the Credit Agreement {certain waivers including waivers of the rights of jury trial} are hereby specifically incorporated by reference. If any part of this Agreement is contrary to, prohibited by, or deemed invalid under Applicable Laws or regulations, such provision shall be inapplicable and deemed omitted to the extent so contrary, prohibited or invalid, but the remainder hereof shall not be invalidated thereby and shall be given effect so far as possible. This Agreement shall be binding upon and inure to the benefit of Grantors and Agent, and their respective successors and assigns, except that no Grantor may assign or transfer any of its rights or obligations under this Agreement without the prior written consent of Agent. This Agreement may be executed in counterparts, each of which shall constitute an original, but all of which when taken together shall constitute a single contract.

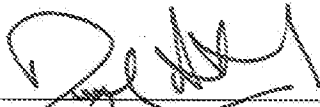
Any signature delivered by a party by facsimile or other electronic means of transmission (including email transmission of a PDF copy) shall be deemed to be an original signature hereto.

[Signature Pages Follow]

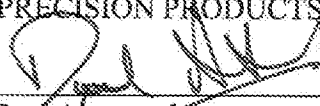
In witness whereof, each Grantor has caused this Intellectual Property Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

GRANTORS:

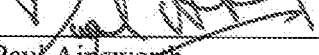
NATIONWIDE PRECISION PRODUCTS
CORP.

By: 
Name: Paul Ainsworth
Title: Chief Financial Officer and Secretary


HELIO PRECISION PRODUCTS, INC.

By: 
Name: Paul Ainsworth
Title: Chief Financial Officer and Secretary

HN PRECISION COMPANY

By: 
Name: Paul Ainsworth
Title: Chief Financial Officer and Secretary

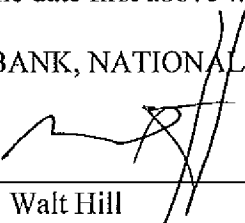
HN PRECISION HOLDING INC.

By: 
Name: Paul Ainsworth
Title: Chief Financial Officer

[Signature Page to Intellectual Property Security Agreement]

ACCEPTED AND AGREED
as of the date first above written:

PNC BANK, NATIONAL ASSOCIATION, as Agent

By: 
Name: Walt Hill
Title: Senior Vice President

[Signature Page to Intellectual Property Security Agreement]

PATENT
REEL: 044492 FRAME: 0514

Schedule 1
to
Intellectual Property Security Agreement

PATENTS, TRADEMARKS AND COPYRIGHTS

1. Patents and Patent Applications:

<u>Grantor</u>	<u>Patent/ Patent Application</u>	<u>Registration/ Application No.</u>	<u>Registration/ Application Date</u>
Helio Precision Products, Inc.	Method of making valve guide having textured external surface	10/819,878 7,198,554	4/3/2007
Helio Precision Products, Inc.	Heat treated valve guide and method of making	11/053,395 7,628,870	12/8/2009
Helio Precision Products, Inc.	Method of making valve guide by powder metallurgy process	10/928,834 7,897,102	3/1/2011

2. Trademarks and Trademark Applications:

None.

3. Copyrights and Copyright Applications:

None.

EXHIBIT A

SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT (the "Supplement") made as of this ___ day of _____, 201___, NATIONWIDE PRECISION PRODUCTS CORP., a New York corporation ("Nationwide"), HELIO PRECISION PRODUCTS, INC., an Illinois corporation ("Helio"), HN PRECISION COMPANY, a Delaware corporation ("HN Precision"), HN PRECISION HOLDING INC., a Delaware corporation ("Holdings" and together with Nationwide, Helio, HN Precision and any other Person that may hereafter become a party to this Agreement as a grantor of liens under the Intellectual Property Security Agreement described below, collectively, "Grantors" and each a "Grantor"), in favor of PNC BANK, NATIONAL ASSOCIATION, in its capacity as "Agent" under the Credit Agreement referenced below (in such capacity, together with its successors and assigns, the "Agent"):

W I T N E S S E T H

WHEREAS, Grantors and Agent are parties to a certain Intellectual Property Security Agreement, dated as of December 21, 2017 (as amended, modified, supplemented, renewed, restated or replaced from time to time, the "IP Security Agreement"). Capitalized terms used herein but not otherwise defined herein shall have the meanings given to such terms in the IP Security Agreement;

WHEREAS, pursuant to the IP Security Agreement, to secure the prompt payment and performance of all Obligations to Agent and each other Secured Party, Grantors have assigned, pledged and granted to Agent, for its benefit and for the ratable benefit of the other Secured Parties, a continuing security interest in and to and lien upon all of such Grantor's right, title and interest in, to and under the Intellectual Property Collateral of each Grantor, all whether now owned or hereafter created, arising and/or acquired; and

WHEREAS, pursuant to the IP Security Agreement, Grantors have agreed that upon the acquisition by Grantors of any new Intellectual Property Collateral, Grantors shall deliver to Agent a Supplement to the IP Security Agreement in the form of Exhibit A thereto pursuant to which Grantors shall reconfirm the grant by them of a security interest in and lien upon all such newly acquired Intellectual Property Collateral, which such Supplement is intended by the parties to be filed with the United States Patent and Trademark Office and/or United States Copyright Office, as applicable,

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged by each party hereto, and intending to be legally bound, and with the foregoing background and recitals incorporated by reference, Grantors agree as follows:

1. Grant and Reaffirmation of Grant of Security Interests. Without limiting any other grant of any security interest or lien by any Grantor in and upon any Collateral under the Credit Agreement or any of the Other Documents, to secure the prompt payment and performance of all Obligations to Agent and the other Secured Parties, each Grantor hereby

assigns, pledges and grants to Agent, for its benefit and for the ratable benefit of the other Secured Parties, a continuing security interest in and to and lien upon all of such Grantor's right, title and interest in, to and under the following Collateral of Grantor, all whether now owned or hereafter created, arising and/or acquired:

(a) the newly acquired Intellectual Property Collateral listed on Schedule 1 to this Supplement (together with all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing),

(b) all goodwill of the business connected with the use of, and symbolized by, any trademark and trademark application covered by (a) above; and

(c) all other property otherwise constituting Intellectual Property Collateral relating to the foregoing.

Grantors agree that all such newly acquired Intellectual Property Collateral described above shall be included in and be part of the Intellectual Property Collateral under and subject to all of the terms and provisions of the IP Security Agreement. Grantors hereby authorize Agent to file and record a copy of this Supplement with the United States Patent and Trademark Office and/or United States Copyright Office, as applicable.

2. Representations and Warranties. Each Grantor hereby represents and warrants to Agent and to the other Secured Parties that Schedule I hereto sets forth a full, complete and correct list of all Intellectual Property Collateral owned by Grantor as of the date hereof not listed on Schedule 1 to the original IP Security Agreement or any Schedule to any other Supplement to the original IP Security Agreement delivered by Grantor since the date thereof but prior to the date hereof.

3. Incorporation of the IP Security Agreement. The terms and provisions of the IP Security Agreement are hereby incorporated by reference and this Supplement shall be considered an amendment and supplement to and part of the IP Security Agreement; all of the provisions of which IP Security Agreement are and remain in full force and effect as supplemented by this Supplement.

[Remainder of Page Left Intentionally Blank]

IN WITNESS WHEREOF, Grantors have duly executed this Supplement to the IP Security Agreement as of the date first written above.

GRANTORS:

NATIONWIDE PRECISION PRODUCTS
CORP.

By: _____
Name:
Title:

HELIO PRECISION PRODUCTS, INC.

By: _____
Name:
Title:

HN PRECISION COMPANY

By: _____
Name:
Title:

HN PRECISION HOLDING INC.

By: _____
Name:
Title:

ACCEPTED AND AGREED
as of the date first above written:

PNC BANK, NATIONAL ASSOCIATION.

By: _____
Name:
Title:

SCHEDULE I

TO SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

DATED _____