

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6556345

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
HORIZON TECHNOLOGY FINANCE CORPORATION	02/12/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	UNITED STATES STEEL CORPORATION
<b>Street Address:</b>	600 GRANT STREET
<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15219

**PROPERTY NUMBERS Total: 17**

Property Type	Number
Patent Number:	7449074
Patent Number:	8133333
Patent Number:	8257512
Patent Number:	8641840
Patent Number:	8419869
Patent Number:	9834832
Patent Number:	9090287
Patent Number:	9493855
Patent Number:	9284635
Patent Number:	9074273
Patent Number:	10233524
Patent Number:	10480042
Patent Number:	10465260
Patent Number:	10378078
Application Number:	15643679
Application Number:	16021251
Application Number:	16134005

**CORRESPONDENCE DATA**

**Fax Number:** (412)227-5551

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent*

**PATENT**

*using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** (412) 261-1600  
**Email:** ipdocket@leechtishman.com  
**Correspondent Name:** LEECH TISHMAN FUSCALDO & LAMPL  
**Address Line 1:** 525 WILLIAM PENN PLACE  
**Address Line 2:** 28TH FLOOR  
**Address Line 4:** PITTSBURGH, PENNSYLVANIA 15219

<b>ATTORNEY DOCKET NUMBER:</b>	USS-2001
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<b>NAME OF SUBMITTER:</b>	ALAN G. TOWNER
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<b>SIGNATURE:</b>	/Alan G. Towner/
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<b>DATE SIGNED:</b>	02/17/2021
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**Total Attachments: 16**

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## INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT ("IP Assignment"), dated as of February 12, 2021, is made by Horizon Technology Finance Corporation, as collateral agent, Horizon Funding Trust 2019-1, and Horizon Credit II LLC (collectively, "Assignor") in favor of United States Steel Corporation (collectively, "Assignee").

WHEREAS, Assignor, on the one hand, and Assignee, on the other hand, are parties to that certain Asset Purchase Agreement (the "APA") dated February 12, 2021, pursuant to which Assignor agreed to convey, assign, transfer and deliver to Assignee the Transferred Assets (as defined in the APA).

WHEREAS, Assignor, pursuant to Section 1.4(a) of the APA, is obligated to execute and deliver this IP Assignment, and has agreed to execute and deliver this IP Assignment, which may be recorded with the United States Patent and Trademark Office and corresponding entities or agencies in any applicable jurisdictions.

NOW THEREFORE, the parties agree as follows:

1. **Assignment.** For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably conveys, transfers, and assigns to Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest in and to the Transferred Assets, including, without limitation, the following (collectively, the "Assigned IP"):
  - a. the patents and patent applications set forth on Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, and renewals thereof, to the extent of Assignor's interest therein, if any (the "Patents");
  - b. the Trademarks set forth on Schedule 2 hereto and all issuances, extensions, and renewals thereof, together with the goodwill of the business connected with the use of, and symbolized by, the Trademarks; provided that, with respect to the United States intent-to-use trademark applications set forth on Schedule 2 hereto, the transfer of such applications accompanies the transfer of Assignor's business, or that portion of the business to which the trademark pertains, and that business is ongoing and existing;
  - c. all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;
  - d. any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
  - e. any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, dilution, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.
2. **Recordation.** Assignor hereby authorizes the Commissioner for Patents and the Commissioner for Trademarks in the United States Patent and Trademark Office, and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this IP Assignment upon request by Assignee.

3. **DISCLAIMER.** ASSIGNEE ACKNOWLEDGES THAT THE TRANSFERRED ASSETS WILL BE TRANSFERRED AS IS, WHERE IS, AND WITH ALL FAULTS, AND THAT ASSIGNOR MAKES NO REPRESENTATION OR WARRANTY CONCERNING ANY OF THE TRANSFERRED ASSETS, INCLUDING BUT NOT LIMITED TO ANY WARRANTY WITH RESPECT TO (A) THE CONDITION OR MERCHANTABILITY OF THE TRANSFERRED ASSETS OR THEIR FITNESS FOR ANY PARTICULAR PURPOSES OR USE; (B) INFRINGEMENT OR NON-INFRINGEMENT BY ANY OF THE TRANSFERRED ASSETS ON ANY PATENTS OR OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY ANY THIRD PARTY; AND (C) INFRINGEMENT OR NON- INFRINGEMENT BY ANY THIRD PARTY (WHETHER BY REASON OF LATENT DEFENSES OR OTHERWISE) ON ANY PATENTS OR OTHER INTELLECTUAL PROPERTY RIGHTS THAT CONSTITUTE ANY OF THE TRANSFERRED ASSETS.
4. **Counterparts.** This IP Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this IP Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this IP Assignment.
5. **Successors and Assigns.** This IP Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.
6. **Governing Law.** Section 5.7 of the APA (titled: "CHOICE OF LAW AND VENUE; JURY TRIAL WAIVER") shall apply to this IP Assignment and the terms thereof are incorporated herein by this reference.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of date first written above.

**Assignee:**

UNITED STATES STEEL CORPORATION

By: *Kenneth E. Jaycox*  
Name: Kenneth E. Jaycox  
Title: Senior Vice President *2/12/21*

**Assignor:**

HORIZON TECHNOLOGY FINANCE CORPORATION, as collateral agent

By: \_\_\_\_\_  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

HORIZON FUNDING TRUST 2019-1  
By: Horizon Technology Finance Corporation,  
its agent

By: \_\_\_\_\_  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

HORIZON CREDIT II LLC

By: \_\_\_\_\_  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

*[Signature page to IP Assignment]*

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of date first written above.

**Assignee:**

UNITED STATES STEEL CORPORATION

By: \_\_\_\_\_  
Name: Kenneth E. Jaycox  
Title: Senior Vice President

**Assignor:**

HORIZON TECHNOLOGY FINANCE CORPORATION, as collateral agent

By: ROBERT D. POMEROY, JR.  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

HORIZON FUNDING TRUST 2019-1

By: Horizon Technology Finance Corporation,  
its agent

By: ROBERT D. POMEROY, JR.  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

HORIZON CREDIT II LLC

By: ROBERT D. POMEROY, JR.  
Name: Robert D. Pomeroy, Jr.  
Title: Chief Executive Officer

*{Signature page to IP Assignment}*

SCHEDULE 1 to IP Assignment

ASSIGNED PATENTS AND PATENT APPLICATIONS

Schedule A-1 To Asset Purchase Agreement

Patents And Patent Applications

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO016US1	NANO-CRYSTALLINE STEEL SHEET	Granted	April 28, 2005	11/117,649	US	November 11, 2008	7,449,074
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PATENT

REEL: 055298 FRAME: 0641



FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
NANO026US	IMPROVED PROCESSING METHOD FOR THE PRODUCTION OF AMORPHOUS / NANOSCALE / NEAR NANOSCALE STEEL SHEET	Issued	October 18, 2007	11/874,361	US	March 13, 2012	8,133,333
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO064US	CLASSES OF MODAL STRUCTURED STEEL WITH STATIC REFINEMENT AND DYNAMIC STRENGTHENING	Granted	January 20, 2012	13/354,924	US	September 4, 2012	8,257,512
NANO069CON2	NEW CLASS OF HIGH STRENGTH NON STAINLESS STEELS	Granted	April 16, 2013	13/863,911	US	February 4, 2014	8,641,840
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO069US	NEW CLASS OF HIGH STRENGTH NON STAINLESS STEELS	Granted	July 24, 2012	13/556,410	US	April 16, 2013	8,419,869
NANO075	NEW CLASSES OF STEELS FOR TUBULAR PRODUCTS	Granted	January 9, 2014	14/151,310	US	December 5, 2017	9,834,832
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO076	VEHICLE STRUCTURAL SUPPORT MEMBER REINFORCED WITH ULTRA HIGH STRENGTH LAMINATE	Issued	January 14, 2013	13/740,856	US	July 28, 2015	9,090,287
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO079	CLASS OF WARM FORMING ADVANCED HIGH STRENGTH STEEL	Granted	February 24, 2014	14/188,567	US	November 15, 2016	9,493,855
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO086CON	RECRYSTALLIZATION, REFINEMENT, AND STRENGTHENING MECHANISMS FOR PRODUCTION OF ADVANCED HIGH STRENGTH METAL ALLOYS	Granted	December 18, 2014	14/575,301	US	March 15, 2016	9,284,635
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO087CON	METAL STEEL PRODUCTION BY SLAB CASTING	Granted	February 6, 2015	14/616,296	US	July 7, 2015	9,074,273
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NAN0094US	High Ductility Steel Alloys with New Mixed Microconstituent Structure	Granted	September 24, 2015	14/864,219	US	March 19, 2019	10,233,524

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
NANO098	Improved Edge Formability In Metallic Alloys	Granted	April 8, 2016	15/094,554	US	November 19, 2019	10,480,042
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO098CIP	Improved Edge Formability In Metallic Alloys	Granted	February 21, 2017	15/438,313	US	November 5, 2019	10,465,260
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO098CON	Improved Edge Formability In Metallic Alloys	Pending	July 26, 2019	16/522708	US	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO101CON	Delayed Cracking Prevention During Drawing of High Strength Steel	Pending	June 24, 2019	16/449,983	US	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO101US	Delayed Cracking Prevention During Drawing of High Strength Steel	Granted	December 27, 2016	15/391,237	US	August 13, 2019	10,378,078
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NANO104US	High Yield Strength Steel	Pending	July 7, 2017	15/643,679	US	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
NANO108US	Retention Of Mechanical Properties In Steel Alloys After Processing And In The Presence Of Stress Concentration Sites	Pending	June 28, 2018	16/021,251	US		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
NANO110US	Weldability Improvements in Advanced High Strength Steel	Pending	September 18, 2018	16/134,005	US		
NANO111	Alloys And Methods To Develop Yield Strength Distributions During Formation Of Metal Part	Pending	December 21, 2018	16/229,584	US		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
NANO112US	High Strength Steel Alloys With Ductility Characteristics	Pending	May 17, 2019	16/415,208	US		
NANO114	High Yield Strength Steel With Mechanical Properties Maintained Or Enhanced Via	Pending	February 7, 2020	16/783,467	US		

FILE NUMBER	TITLE	STATUS	DATE FILED	APPLICATION NO.	COUNTRY	GRANT DATE	PATENT NUMBER
	Thermal Treatment Optionally Provided During Galvanization Coating Operations						
NANO116P2	IMPROVEMENTS IN HOT BAND IN HIGH STRENGTH STEEL ALLOYS	Pending	March 30, 2020	63/001,591	US		
NANO117P	METHOD TO DEVELOP ULTRA HIGH STRENGTH IN STEELS	Pending	April 6, 2020	63005608	US		