

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4395774

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOE STRAVINSKAS	04/11/2017
RICHARD H. SMITH	03/20/2017
DAN DEANTONIO	03/17/2017
JAMES M. HEILMANN	03/24/2017
PAUL M. NOVOTNY	03/24/2017
PATRICK C. RAY	03/16/2017
WILLIAM J. MARTIN	03/20/2017
SHANE PARA	04/07/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CRS HOLDINGS INC.
<b>Street Address:</b>	601, 1105 NORTH MARKET STREET
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19801
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15292732
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)889-3696
<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>	
<b>Phone:</b>	610-889-3699
<b>Email:</b>	berwynipdocket@barley.com
<b>Correspondent Name:</b>	BARLEY SNYDER
<b>Address Line 1:</b>	2 GREAT VALLEY PARKWAY
<b>Address Line 2:</b>	SUITE 110
<b>Address Line 4:</b>	MALVERN, PENNSYLVANIA 19355
<b>ATTORNEY DOCKET NUMBER:</b>	999876-903.01
<b>NAME OF SUBMITTER:</b>	JOSEPH FALCON
<b>SIGNATURE:</b>	/Joseph R. Falcon/

PATENT

<b>DATE SIGNED:</b>	05/03/2017
<b>Total Attachments: 27</b> source=AssignmentCT#page1.tif source=AssignmentCT#page2.tif source=AssignmentCT#page3.tif source=AssignmentCT#page4.tif source=AssignmentCT#page5.tif source=AssignmentCT#page6.tif source=AssignmentCT#page7.tif source=AssignmentCT#page8.tif source=AssignmentCT#page9.tif source=AssignmentCT#page10.tif source=AssignmentCT#page11.tif source=AssignmentCT#page12.tif source=AssignmentCT#page13.tif source=AssignmentCT#page14.tif source=AssignmentCT#page15.tif source=AssignmentCT#page16.tif source=AssignmentCT#page17.tif source=AssignmentCT#page18.tif source=AssignmentCT#page19.tif source=AssignmentCT#page20.tif source=AssignmentCT#page21.tif source=AssignmentCT#page22.tif source=AssignmentCT#page23.tif source=AssignmentCT#page24.tif source=AssignmentCT#page25.tif source=AssignmentCT#page26.tif source=AssignmentCT#page27.tif	

ASSIGNMENT

I/We, **William J. Martin, Richard H. Smith, Shane Para, James E. Heilmann, Paul M. Novotny, Patrick C. Ray, Dan DeAntonio and Joe Stravinskis**

who reside at 912 Evergreen Drive, Wyomissing, PA 19610, 1525 Luzerne Street, Reading, PA 19601, 911 North York Drive, Downingtown, PA 19335, 1202 Lilac Lane, West Lawn, PA 19609, 309 Main St., Mohnton, PA 19540, 601 Morgan Dr. E., Coatesville, PA 19320, 1261 Possum Lane, Leesport PA 19533, 602 South 16th Street, Lebanon, PA 17042, respectively,

have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

**HIGH STRENGTH WELDING CONSUMABLE BASED ON A  
10% NICKEL STEEL METALLURGICAL SYSTEM**

which application was executed by the inventor on the date of execution of this assignment, and is identified by Barley Snyder File Number 999876-903.01,

and **CRS Holdings Inc.**

whose address is Suite 601, 1105 North Market Street, Wilmington, Delaware 19801

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is October 13, 2016.

In testimony whereof I/we have affixed my/our signature(s).

Assignor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
William J. Martin

Assignor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Richard H. Smith

Assignor 3: \_\_\_\_\_ Date: 4-7-17  
Shane Para

Assignor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
James E. Heilmann

Assignor 5: \_\_\_\_\_ Date: \_\_\_\_\_  
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Assignor 6:

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Date:

Assignor 7:

Dan DeAntonio

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Assignor 8:

Joe Stravinskas

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	Paul M. Novotny	

Assignor 6: \_\_\_\_\_ Date: \_\_\_\_\_  
Patrick C. Ray

Assignor 7: \_\_\_\_\_ Date: \_\_\_\_\_  
Dan DeAntonio

Assignor 8:  \_\_\_\_\_ Date: 4/11/07  
Joe Stravinskis





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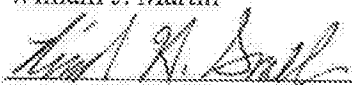
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Assignor 1:	_____	Date: _____
	William J. Martin	
Assignor 2:		Date: 3/20/2017
	Richard H. Smith	
Assignor 3:	_____	Date: _____
	Shane Para	
Assignor 4:	_____	Date: _____
	James E. Heilmann	
Assignor 5:	_____	Date: _____
	Paul M. Novotny	

Assignor 6:

\_\_\_\_\_  
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Assignor 5:	_____	Date: _____
	Paul M. Novotny	

Assignor 6:

Patrick C. Ray

Date:

Assignor 7:

Dan DeAntonio

Date: August 17, 2017

Assignor 8:

Joe Stravinskas

Date:





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	Richard H. Smith	
Assignor 3:	_____	Date: _____
	Shane Para	
Assignor 4:	_____	Date: 3/24/17
	James E. Heilmann	
Assignor 5:	_____	Date: Mar. 24, 2017
	Paul M. Novotny	

Assignor 6:

\_\_\_\_\_  
Patrick C. Ray

Date: \_\_\_\_\_

Assignor 7:

\_\_\_\_\_  
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	Paul M. Novotny	

Assignor 6:

Patrick C. Ray

Date: 03/16/2017

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Date: \_\_\_\_\_

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Date: \_\_\_\_\_





ASSIGNMENT

**I/We, William J. Martin, Richard H. Smith, Shane Para, James E. Heilmann, Paul M. Novotny, Patrick C. Ray, Dan DeAntonio and Joe Stravinskis**

who reside at 912 Evergreen Drive, Wyomissing, PA 19610, 1525 Luzerne Street, Reading, PA 19601, 911 North York Drive, Downingtown, PA 19335, 1202 Lilac Lane, West Lawn, PA 19609, 309 Main St., Mohnton, PA 19540, 601 Morgan Dr. E., Coatesville, PA 19320, 1261 Possum Lane, Leesport PA 19533, 602 South 16th Street, Lebanon, PA 17042, respectively,

have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

**HIGH STRENGTH WELDING CONSUMABLE BASED ON A  
10% NICKEL STEEL METALLURGICAL SYSTEM**

which application was executed by the inventor on the date of execution of this assignment, and is identified by Barley Snyder File Number 999876-903.01,

and **CRS Holdings Inc.**

whose address is Suite 601, 1105 North Market Street, Wilmington, Delaware 19801

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries; said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is October 13, 2016.

In testimony whereof I/we have affixed my/our signature(s).

Assignor 1: William J. Martin Date: 3/20/2017  
William J. Martin

Assignor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Richard H. Smith

Assignor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Shane Para

Assignor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
James E. Heilmann

Assignor 5: \_\_\_\_\_ Date: \_\_\_\_\_  
Paul M. Novotny

Assignor 6: \_\_\_\_\_ Date: \_\_\_\_\_  
Patrick C. Ray

Assignor 7: \_\_\_\_\_ Date: \_\_\_\_\_  
Dan DeAntonio

Assignor 8: \_\_\_\_\_ Date: \_\_\_\_\_  
Joe Stravinskas

