

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raymond J. Donahue</td> <td>03/14/2013</td> </tr> <tr> <td>Steven C. Knickel</td> <td>03/22/2013</td> </tr> <tr> <td>Terrance M. Cleary</td> <td>03/14/2013</td> </tr> <tr> <td>Kevin R. Anderson</td> <td>03/14/2013</td> </tr> </tbody> </table>	Name	Execution Date	Raymond J. Donahue	03/14/2013	Steven C. Knickel	03/22/2013	Terrance M. Cleary	03/14/2013	Kevin R. Anderson	03/14/2013	
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Raymond J. Donahue	03/14/2013										
Steven C. Knickel	03/22/2013										
Terrance M. Cleary	03/14/2013										
Kevin R. Anderson	03/14/2013										
RECEIVING PARTY DATA											
Name:	Brunswick Corporation										
Street Address:	One North Field Court										
City:	Lake Forest										
State/Country:	ILLINOIS										
Postal Code:	60045										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13829160										
CORRESPONDENCE DATA											
Fax Number:	4142715770										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	4142717590										
Email:	mariem@andruslaw.com										
Correspondent Name:	Marie Mikolainis										
Address Line 1:	100 E Wisconsin Ave										
Address Line 2:	Suite 1100										
Address Line 4:	Milwaukee, WISCONSIN 53202										
ATTORNEY DOCKET NUMBER:	1636-00727										
NAME OF SUBMITTER:	Aaron T. Olejniczak										
Total Attachments: 3 source=2013-03-22_M10478B_1636-00727_Executed_Assignment#page1.tif source=2013-03-22_M10478B_1636-00727_Executed_Assignment#page2.tif source=2013-03-22_M10478B_1636-00727_Executed_Assignment#page3.tif											

CH \$40.00 13829160

ASSIGNMENT

I, identified below as "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed or about to be executed by me or otherwise in which I am an inventor and bearing the following title and Attorney Docket No. and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: **METHOD AND APPARATUS FOR AVOIDING EROSION IN A HIGH PRESSURE DIE CASTING SHOT SLEEVE FOR USE WITH LOW IRON ALUMINUM SILICON ALLOYS**

Application Number: 13/829,160

Filing Date: 03/14/2013

Atty. Docket No. 1636-00727
Customer No. 11787

For good and valuable consideration, I do hereby sell, assign, and transfer to Brunswick Corporation ("**Assignee**"), a Delaware corporation, located and doing business at One North Field Court, Lake Forest, Illinois 60045, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as such right, title and interest would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Raymond J. Donahue Date: 3/14/2013
(Signature)

Name typed or printed: Raymond J. Donahue
Address: N7818 Ledgeview Springs Drive
Fond du Lac, WI 54937

State of Wisconsin)
County of Fond du Lac) ss

On this 14 day of March, 2013, before me personally appeared said Raymond J. Donahue, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Theresa Woodruff
Notary Public
My Commission expires: 3-2-2014

Title: **METHOD AND APPARATUS FOR AVOIDING EROSION IN A HIGH PRESSURE DIE CASTING SHOT SLEEVE FOR USE WITH LOW IRON ALUMINUM SILICON ALLOYS**

Application Number: 13/829,160

Filing Date: 03/14/2013

Atty. Docket No. 1636-00727

Customer No. 11787

Inventor: Steven C. Knickel Date: 3/22/13
(Signature)

Name typed or printed: Steven C. Knickel
Address: 322 N. Fond du Lac Avenue
Campbellsport, WI 53010

State of Wisconsin)
County of Fond du Lac) ss

On this 22 day of March, 2013, before me personally appeared said Steven C. Knickel, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Theresa Woodruff
Notary Public
My Commission expires: 3-2-2014

Inventor: Terrance M. Cleary Date: 14 March 2013
(Signature)

Name typed or printed: Terrance M. Cleary
Address: N8878 Mallard Lane
Fond du Lac, WI 54935

State of Wisconsin)
County of Fond du Lac) ss

On this 14 day of March, 2013, before me personally appeared said Terrance M. Cleary, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Theresa Woodruff
Notary Public
My Commission expires: 3-2-2014

Title: **METHOD AND APPARATUS FOR AVOIDING EROSION IN A HIGH PRESSURE DIE CASTING SHOT SLEEVE FOR USE WITH LOW IRON ALUMINUM SILICON ALLOYS**

Application Number: 13/829,160

Filing Date: 03/14/2013

Atty. Docket No. 1636-00727

Customer No. 11787

Inventor: *Kevin R. Anderson* Date: March 14, 2013
(Signature)

Name typed or printed: Kevin R. Anderson
Address: 1026 New Haven Avenue
Fond du Lac, WI 54935

State of Wisconsin)
County of Fond du Lac) ss

On this 14th day of March, 2013, before me personally appeared said Kevin R. Anderson, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Rita M. Holbach
Notary Public
My Commission expires: 10/16/16

Inventor: *Kevin R. Morasch* Date: 3/14/13
(Signature)

Name typed or printed: Kevin R. Morasch
Address: 433 South Country Lane
Fond du Lac, WI 54935

State of Wisconsin)
County of Fond du Lac) ss

On this 14 day of March, 2013, before me personally appeared said Kevin R. Morasch, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Theresa Woodruff
Notary Public
My Commission expires: 3-2-2014