

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3115163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADAM R. LOUKUS	10/31/2014
JOSH E. LOUKUS	10/31/2014
ROY H. LOUKUS	10/31/2014
TRAVIS PENNALA	10/31/2014
LUKE LUSKIN	10/31/2014
STEVEN J. BENDA	10/30/2014
RECEIVING PARTY DATA	
Name:	REL, INC.
Street Address:	57640 NORTH ELEVENTH STREET
City:	CALUMET
State/Country:	MICHIGAN
Postal Code:	49913
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	61680070
Application Number:	61850087
Application Number:	61801233
Application Number:	61843630
PCT Number:	US1353877
Application Number:	14176093
PCT Number:	US1415454
Application Number:	14326458
PCT Number:	US1445834
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	DOCKETING@PDSDLAW.COM
Correspondent Name:	PAULY, DEVRIES SMITH & DEFFNER, LLC
Address Line 1:	121 SOUTH 8TH STREET
PATENT	

Address Line 2:	TCF TOWER, SUITE 900
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402

NAME OF SUBMITTER:	MICHAEL J FELLER
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SIGNATURE:	/Michael J. Feller/
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DATE SIGNED:	11/19/2014
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Total Attachments: 5

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ASSIGNMENT

WHEREAS, We, Adam R. Loukus, and Josh E. Loukus, and Roy H. Loukus, and Travis Pennala, and Luke Luskin, and Steven J. Benda, made certain new and useful inventions and improvements for which We have filed applications for patent as listed below:

- 1) U.S. Provisional Application Serial Number 61/680,070 filed August 6, 2012, entitled CORING TECHNIQUES FOR PRODUCING MATRIX CORE STRUCTURAL COMPONENTS AND CONTAINERS; and
- 2) U.S. Provisional Application Serial Number 61/850,087 filed February 8, 2013, entitled CORING TECHNIQUES FOR PRODUCING MATRIX CORE STRUCTURAL COMPONENTS AND CONTAINERS; and
- 3) U.S. Provisional Application Serial Number 61/801,233 filed March 15, 2013, entitled CORE STRUCTURES, SYSTEMS, AND METHOD FOR CASTING VOIDS; and
- 4) U.S. Provisional Application Serial Number 61/843,630 filed July 8, 2013, entitled CORING TECHNIQUES FOR PRODUCING MATRIX CORE STRUCTURAL COMPONENTS AND CONTAINERS; and
- 5) PCT Application Serial Number PCT/US2013/053877 filed August 6, 2013, entitled CORE STRUCTURED COMPONENTS, CONTAINERS, AND METHODS OF CASTING; and
- 6) U.S. Patent Application Serial Number 14/176,093 filed February 8, 2014, entitled CORE STRUCTURED COMPONENTS, CONTAINERS, AND METHODS OF CASTING; and
- 7) PCT Application Serial Number PCT/US2014/015454 filed February 8, 2014, entitled CORE STRUCTURED COMPONENTS, CONTAINERS, AND METHODS OF CASTING; and
- 8) U.S. Patent Application Serial Number 14/326,458 filed July 8, 2014, entitled CORE STRUCTURED COMPONENTS AND CONTAINERS; and

- 9) PCT Application Serial Number PCT/US2014/045834 filed July 8, 2014,
entitled CORING TECHNIQUES FOR PRODUCING MATRIX CORE
STRUCTURAL COMPONENTS AND CONTAINERS;

AND WHEREAS, REL, Inc., having an office and place of business at 57640 North Eleventh Street, Calumet, MI 49913 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, We have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications and patents from which the aforesaid applications claim priority, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and the right to enforce patent rights to the aforementioned applications as fully and entirely as the same would have been held and enjoyed by Us if this assignment had not been made; and to all claims by Us for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

We do hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, We do hereby agree that We and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

We further authorize and direct the assignee and its attorneys to insert above the application numbers and filing dates of said above identified applications as soon as the same shall have become known to them.

AND, furthermore, We covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
October, 2014.



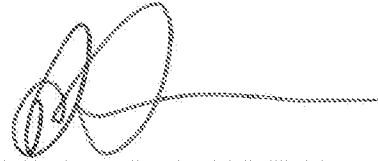
Adam R. Loukus

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
October, 2014.



Josh E. Loukus

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
October, 2014.



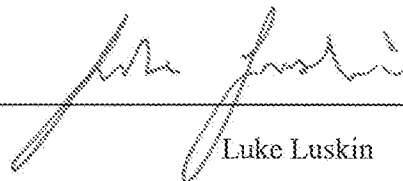
Roy H. Loukas

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
October, 2014.



Travis Pennala

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of
October, 2014.



Luke Luskin

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of
OCTOBER, 2014.

A handwritten signature in black ink, appearing to read 'SJB', is written above a horizontal line.

Steven J. Benda