

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>Christophe Colin</td><td>02/18/2011</td></tr><tr><td>Alfazazi Dourfaye</td><td>02/14/2011</td></tr></tbody></table>		Name	Execution Date	Christophe Colin	02/18/2011	Alfazazi Dourfaye	02/14/2011
Name	Execution Date						
Christophe Colin	02/18/2011						
Alfazazi Dourfaye	02/14/2011						
RECEIVING PARTY DATA							
Name:	Varel International, Ind., L.P.						
Street Address:	1625 West Crosby, Suite 124						
City:	Carrollton						
State/Country:	TEXAS						
Postal Code:	75006						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13121366</td></tr></tbody></table>		Property Type	Number	Application Number:	13121366		
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Application Number:	13121366						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	368614-1312						
NAME OF SUBMITTER:	Andre M. Szuwalski						
Total Attachments: 3 source=368614_1312_Signed_Assn#page1.tif source=368614_1312_Signed_Assn#page2.tif source=368614_1312_Signed_Assn#page3.tif							

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PATENT
REEL: 026033 FRAME: 0684

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Elodie Sorlier, Christophe Colin and Alfazazi Dourfaye (hereinafter referred to as Assignors), residing at 37 rue Proudhon, F-75012 Paris, FRANCE, 49 rue Henri Rochefort, F-91000 Evry, FRANCE and 82 avenue Philippe Auguste, F-75011 Paris, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PROCESS FOR MANUFACTURING A COMPONENT COMPRISING A BLOCK OF DENSE MATERIAL OF THE CEMENTED CARBIDE TYPE, HAVING A PROPERTY GRADIENT, AND COMPONENT OBTAINED, set forth in an application for Letters Patent of the United States filed herewith or filed on _____, 2011 as application no. _____; and

WHEREAS, Varel International, Ind., L.P., a Limited Partnership organized under and pursuant to the laws of Texas having its principal place of business at 1625 West Crosby, Suite 124, Carrollton, Texas 75006 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, , whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

CUSTOMER NO. 32914

PATENT APPLICATION
Docket No. 368614-1312

with the rules of the United States Patent and Trademark Office for recordation of this
document:

GARDERE WYNNE SEWELL LLP

-----All practitioners at Customer Number 32914

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: _____

Signature: _____
Elodie Sorlier

Date: 18/02/2011

Signature: _____
Christophe Colin

Date: 14/02/2011

Signature: _____
Alfazazi Dourfaye