

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN TOLLE	05/16/2015
ERIC HILL	05/13/2015
RECEIVING PARTY DATA	
Name:	ASM IP HOLDING B.V.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14738012
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NAME OF SUBMITTER:	CLAY H. CUNNINGHAM
SIGNATURE:	/clayhcunningham/
DATE SIGNED:	06/12/2015
Total Attachments: 2	
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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (1.00), and of other good and valuable consideration paid to the undersigned Assignors, by the Assignee, ASM IP HOLDING B.V., a corporation organized under the laws of The Netherlands, having a business address of Versterkerstraat 8, 1322 AP Almere, The Netherlands, receipt whereof is hereby acknowledged, the undersigned Assignors by these presents do hereby sell, assign, transfer and set over and have sold, assigned, transferred and set over unto the said Assignee the entire right, title and interest, including the right to sue for any and all past infringement, in and to the invention or improvement in REACTOR SYSTEM FOR SUBLIMATION OF PRE-CLEAN BYPRODUCTS AND METHOD THEREOF, said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed this date, and to any and all standard utility applications, divisionals, continuations, and reissues thereof, and to all Letters Patent issued therefor in and for the United States and all foreign countries, the same to be held and enjoyed by said Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

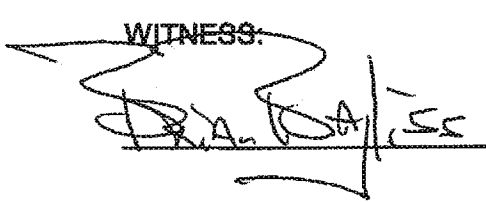
AND SAID ASSIGNEE IS HEREBY AUTHORIZED to make application for and to receive Letters Patent for said invention in any of said countries at its election.

AND BY THIS COVENANT the undersigned Assignors will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said Assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and, upon the request and at the expense of said Assignee, will execute any additional or divisional applications for

patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of said Assignee, its successors, assigns or other legal representatives.

AND THE COMMISSIONER of Patents is hereby authorized and requested to issue any and all Letters Patent of the United States for said invention, to said Assignee.

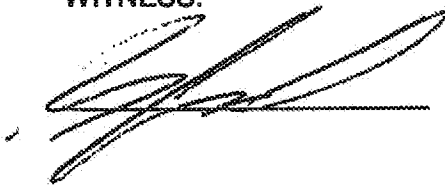
WITNESS:



Assignor: John Tolle

Date 5/16/15

WITNESS:



Assignor: Eric Hill

Date 5/13/2015

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