

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>Lemuel O. Granada Jr.</td><td>10/31/2006</td></tr><tr><td>James Innes</td><td>10/31/2006</td></tr><tr><td>David Morgan Smith</td><td>03/22/2007</td></tr><tr><td>Mark Wajer</td><td>10/31/2006</td></tr></tbody></table>	Name	Execution Date	Lemuel O. Granada Jr.	10/31/2006	James Innes	10/31/2006	David Morgan Smith	03/22/2007	Mark Wajer	10/31/2006	
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Lemuel O. Granada Jr.	10/31/2006										
James Innes	10/31/2006										
David Morgan Smith	03/22/2007										
Mark Wajer	10/31/2006										
RECEIVING PARTY DATA											
Name:	Martin Marietta Materials, Inc.										
Street Address:	2710 Wycliff Road										
City:	Raleigh										
State/Country:	NORTH CAROLINA										
Postal Code:	27607-3033										
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>11563274</td></tr></tbody></table>	Property Type	Number	Application Number:	11563274							
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CORRESPONDENCE DATA											
Fax Number:	(919)862-2260										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	919-862-2213										
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Address Line 1:	3201 Beechleaf Court, Suite 600										
Address Line 4:	Raleigh, NORTH CAROLINA 27604-1062										
ATTORNEY DOCKET NUMBER:	035637/319165										
NAME OF SUBMITTER:	Christopher M. Humphrey										
Total Attachments: 5											
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Martin Marietta Materials, Inc.
2710 Wycliff Road
Raleigh, NC 27607-3033

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"FLAME-RETARDANT MAGNESIUM HYDROXIDE COMPOSITIONS AND ASSOCIATED METHODS OF MANUFACTURE AND USE"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 11/563,274; filed November 27, 2006
- ☒ Application claims priority from Application No. 60/740,092, filed November 28, 2005, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

October 31, 2006
Date

Lemuel O. Granada, Jr.
Lemuel O. Granada, Jr.

State of Michigan
County of Manistee

I, Jason Mucha, a Notary Public for said County and State, do hereby certify that Lemuel O. Granada, Jr. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31st day of October, 2006.
Notary Public, State of Michigan
County of Manistee
(Official Seal) Commission Expires Jan. 8, 2013
Acting in the County of Manistee

Jason Mucha
Notary Public

My commission expires 1/08/2013

Date

James Innes

State of _____

County of _____

I, _____, a Notary Public for said County and State, do hereby certify that James Innes personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2006.

(Official Seal)

Notary Public

My commission expires _____

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Date

Lemuel O. Granada, Jr.

State of _____)

County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that Lemuel O. Granada, Jr. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2006.

(Official Seal)

Notary Public

My commission expires _____

Date

State of WASHINGTON)

County of SKAGIT)

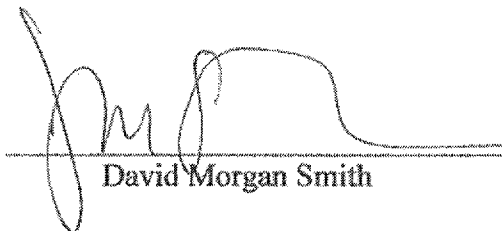
I, GARY T. JONES, a Notary Public for said County and State, do hereby certify that James Innes personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31st day of October, 2006.

My commission expires 3/10/2010

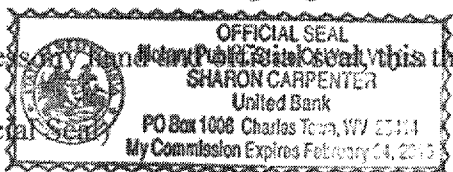
Notary Public

March 22, 2007
Date


David Morgan Smith

State of West Virginia
County of Jefferson

I, Sharon Carpenter, a Notary Public for said County and State, do hereby certify that David Morgan Smith personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 22 day of March, ²⁰⁰⁷~~2006~~.
(Official Seal) 


Notary Public

My commission expires 2/24/15

Date

Mark Wajer

State of _____

County of _____

I, _____, a Notary Public for said County and State, do hereby certify that Mark Wajer personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2006.

(Official Seal)

Notary Public

My commission expires _____

Attorney Docket No. 035637/319165

Date

David Morgan Smith

State of _____)

County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that David Morgan Smith personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2006.

(Official Seal)

Notary Public

My commission expires _____

October 31, 2006
Date

Mark Wajer
Mark Wajer

State of Maryland)

County of Baltimore)

I, Gerald Brown, a Notary Public for said County and State, do hereby certify that Mark Wajer personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of October, 2006.

(Official Seal)

Gerald Brown
Notary Public

My commission expires 4-1-2007

Attorney Docket No. 035637/319165