

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Vamberto Ferreira de Melo | 04/18/2011 |
| Tulio Jardim Raad | 04/18/2011 |
| Romero Mantuano Netto | 04/18/2011 |
| Henri Bordet | 06/10/2011 |
| Remi Bordet | 06/15/2011 |
| RECEIVING PARTY DATA | |
| Name: | V&M do Brasil S/A |
| Street Address: | Av. Olinto Meireles, 65, Barreiro de Baixo |
| City: | Belo Horizonte MG |
| State/Country: | BRAZIL |
| Postal Code: | 30161-970 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12865265 |
| CORRESPONDENCE DATA | |
| Fax Number: | (704)444-1111 |
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| Address Line 4: | Charlotte, NORTH CAROLINA 28280-4000 |
| ATTORNEY DOCKET NUMBER: | 033794/393357 |
| NAME OF SUBMITTER: | Christopher P. Lightner |

CH \$40.00 12865265

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REEL: 026673 FRAME: 0251

Total Attachments: 6

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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

**V&M do Brasil S/A
Av. Olinto Meireles, 65, Barreiro de Baixo
30161-970, Belo Horizonte, MG
BR-Brazil**

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 **"REACTOR FOR THE CONTINUOUS PRODUCTION OF CHARCOAL"**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 12/865,265, filed July 29, 2010
- Application claims priority from PCT Application No. PCT/BR2009/000022, filed January 29, 2009, European Application No. EP 08290734.6, filed July 30, 2008 and Brazilian Application No. PI0800063-8, filed January 29, 2008, all applications listed above being hereinafter referred to as the "application(s)";

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.

This Assignment is deemed to be effective at least as early as January 29, 2008.

Belo Horizonte, April 18th 2011
Date

Vamberto de Melo
Vamberto Ferreira de Melo

Kenia Maria Moura
Witness


João Vitor Albuquerque
Witness

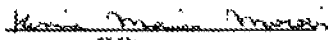
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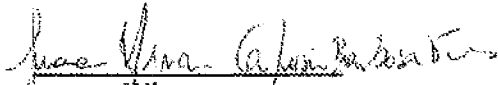
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Tólio Jardim Raad


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Witness

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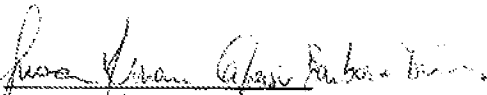
Date



Romero Mantuano Netto



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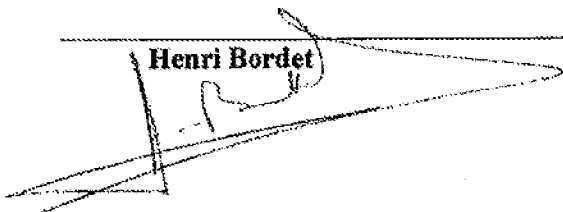
This Assignment is deemed to be effective at least as early as January 29, 2008.

Date 10 Juin 2011

Christophe TELQUIER


Witness
Véronique MARTI

Marti
Witness

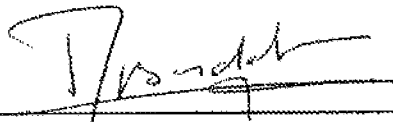

Henri Bordet

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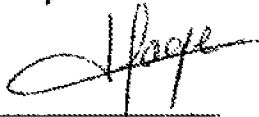
This Assignment is deemed to be effective at least as early as January 29, 2008.

15 Juin 2011
Date


Remi Bordet


Witness

Michel Vigier


Witness

Gilles Lafage

Attorney Docket No. 033794/393357