

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSE ANTONIO GRANDE FERNANDEZ	09/13/2013
ANGEL CHAMADOIRA GOMEZ	09/17/2013
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14112843
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ATTORNEY DOCKET NUMBER:	3029/29 PCT/US
NAME OF SUBMITTER:	VINCENT K. GUSTAFSON
Signature:	/vincent k. gustafson/
Date:	10/25/2013
Total Attachments: 3 source=(3029-29 PCT-US) P6470USPC Assignment_SIGNED_with_number_and_date#page1.tif source=(3029-29 PCT-US) P6470USPC Assignment_SIGNED_with_number_and_date#page2.tif source=(3029-29 PCT-US) P6470USPC Assignment_SIGNED_with_number_and_date#page3.tif	

OP \$40.00 14112843

PATENT

Atty. Docket No.: 3029/29 PCT/US

ASSIGNMENT

WHEREAS, we, **JOSÉ ANTONIO GRANDE FERNÁNDEZ** and **ÁNGEL CHAMADOIRA GÓMEZ** (hereinafter "Assignors"), have made an invention described in a disclosure to be filed in the U.S. Patent and Trademark Office as a patent application entitled **HEAT EXCHANGER FOR COOLING EXHAUST GAS**, as a U.S. national phase application of International Patent Application No. PCT/EP2012/058592 filed on May 10, 2012 and claiming priority of European Patent Application No. 11382141.7 filed on May 11, 2011 (with the foregoing U.S., International, and European patent applications collectively referred to hereinafter as "the Applications"), and we authorize our legal representatives (e.g., ABG Patentes, S.L. and its authorized agents) to insert here in parentheses (U.S. Application Number 14/112,843, filed October 18, 2013) the application number and filing date of said U.S. patent application when known.

AND, WHEREAS, **BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.**, a company having a place of business at Carretera de Zamanes, 20, Vigo-Pontevedra, E-36315, SPAIN (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the Applications, and in and to any and all United States and foreign patent applications filed on the invention based on or claiming priority to any one or more application of the Applications, and in and to any and all continuations, continuations-in-part, or divisions of any of the foregoing, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of any one or more applications of the Applications in all foreign

countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and the Applications as mentioned above, and that Assignors have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to each Assignor relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

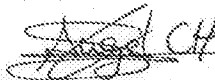
(1) Executed this 13 day of September, 2013.



JOSÉ ANTONIO GRANDE FERNÁNDEZ

Atty. Docket No.: 3029/29 PCT/US

(2) Executed this 17 day of September, 2013.



ANGEL CHAMADOIRA GÓMEZ