504012903 09/20/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSÉ ANTONIO GRANDE FERNÁNDEZ	05/19/2016
GERMÁN TRONCOSO	05/12/2016

RECEIVING PARTY DATA

Name:	BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.U.
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City:	PONTEVEDRA
State/Country:	SPAIN
Postal Code:	36315

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15133035

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: **DURHAM, NORTH CAROLINA 27707**

ATTORNEY DOCKET NUMBER:	3029/42
NAME OF SUBMITTER:	MEREDITH GERN
SIGNATURE:	/meredith gern/
DATE SIGNED:	09/20/2016

Total Attachments: 2

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> **PATENT REEL: 039799 FRAME: 0807** 504012903

Atty Docket No.: 3029/42

<u>ASSIGNMENT</u>

WHEREAS, we, José Antonio Grande Fernández, of Vigo, Pontevedra, Spain and Germán TRONCOSO, of Vigo, Pontevedra, Spain (hereinafter "Assignors"), have invented certain new and useful improvements in HEAT EXCHANGE DEVICE for which application for a U.S. Patent was made on April 19, 2016 as U.S. Patent Application Serial No. 15/133,035.

AND, WHEREAS, BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.U., a corporation duly organized and existing under the laws of Spain, having its principal office and place of business at Carretera de Zamanes, 20, Vigo, Pontevedra Spain, 36315 (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, their entire right, title and interest in and to the invention and application, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, 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 their right to claim the priority of said application 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 application

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above-mentioned, and that they 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 them 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.

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