

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thorsten Schnorbus	02/08/2012
RECEIVING PARTY DATA	
Name:	FEV GmbH
Street Address:	Neuenhofstr. 181
City:	Aachen
State/Country:	GERMANY
Postal Code:	52078
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13339730
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ATTORNEY DOCKET NUMBER:	FEVG-14202/08
NAME OF SUBMITTER:	Mark A. Harper, Ph.D.
Total Attachments: 3 source=FEVG-14202-Assignment#page1.tif source=FEVG-14202-Assignment#page2.tif source=FEVG-14202-Assignment#page3.tif	

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PATENT

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this wednes day of Feb. 08, 2012, by X
Thorsten Schnorbus (hereinafter referred to as Assignor), residing at Drel-Rosen-Winkel 1,
52066 Aachen, GERMANY;

WHEREAS, Assignor has invented certain new and useful improvements in NOX
ADJUSTMENT CONTROL WITH INTERNAL AND EXTERNAL EXHAUST GAS
RECIRCULATION, set forth in a Utility application for Letters Patent of the United States,
already filed on December 29, 2011 as U.S. Application No. 13/339,730; and

WHEREAS, FEV GmbH, a company organized under and pursuant to the laws of
Germany having its principal place of business at Neuenhofstr. 181, 52078 Aachen,
GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title
and interest in and to said inventions and said Application for Letters Patent of the United
States, and in and to any Letters Patent of the United States to be obtained therefore and
thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and
sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set
over, and by these presents does sell, assign, transfer and set over, unto Assignee, its
successors, legal representatives and assigns, the entire right, title and interest in and to the
above-mentioned inventions and application for Letters Patent, and in and to any and all direct
and indirect divisions, continuations and continuations-in-part of said application, and any and
all Letters Patent in the United States and all foreign countries which may be granted therefor
and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights
under the International Convention for the Protection of Industrial Property, the same to be held
and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors,
legal representatives and assigns, to the full end of the term or terms for which Letters Patent
may be granted and/or extended, as fully and entirely as the same would have been held and
enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to
Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignor acknowledges an obligation of assignment of this invention to
Assignee at the time the invention was made.

X Date: 02 2012

Signature: 
Thorsten Schnorbus