

## 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>Norbert Bastel</td><td>08/04/2004</td></tr><tr><td>Till Ebner</td><td>08/04/2004</td></tr></tbody></table>	Name	Execution Date	Norbert Bastel	08/04/2004	Till Ebner	08/04/2004	
Name	Execution Date						
Norbert Bastel	08/04/2004						
Till Ebner	08/04/2004						
RECEIVING PARTY DATA							
Name:	BorgWarner Inc.						
Street Address:	3800 Automation Avenue						
City:	Auburn Hills						
State/Country:	MICHIGAN						
Postal Code:	48326						
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>10886278</td></tr></tbody></table>	Property Type	Number	Application Number:	10886278			
Property Type	Number						
Application Number:	10886278						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

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PATENT

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REEL: 019269 FRAME: 0711

## ASSIGNMENT

WHEREAS, we, Juergen Kroll of Ketsch, Germany, Norbert Bastel of Obernhäusen, Germany, and Till Ebner of Pfungstadt, Germany, have jointly invented certain new and useful improvements in

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identified as BorgWarner Inc. Case No. DKT03117 and described in a patent application executed by us on the \_\_\_\_ day of \_\_\_\_\_ 2004, the 4th day of August 2004, and the 4th day of August 2004, respectively, (and we hereby authorized our attorney, A. Michael Tucker, to here insert the filing date and serial number of said application, as soon as it is known, Filed July 7, 2004, Serial No. 10/886,278 ) preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, BorgWarner, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 3800 Automation Avenue, Auburn Hills, Michigan 48326-1786, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention or inventions and in, to and under Letters Patent therefor in the United States and all other countries.

NOW, THEREFORE, BE IT KNOWN THAT, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention or inventions and in, to and under the above identified application and all other applications for Letters Patent of the United States and for patents, utility models and other industrial property in all other countries for the above entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of industrial property; and in, to and under all Letters Patent that may be issued for said invention or inventions in the United States and all other countries, and in, to and under all divisions, reissues, continuations, and extensions thereof, and covenant that we have the full right so to do; and we hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent on the invention or inventions included herein to said ASSIGNEE, as assignee of the entire interest, and we authorize said ASSIGNEE to file applications for patents, utility models and other industrial property based on said

invention or inventions in ASSIGNEE's name and to claim the above identified priority rights or dates.

We further agree that we will communicate to said ASSIGNEE or its representatives or agents all facts and information known or available to us respecting said invention or inventions, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings; execute and delivery, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc., and generally do everything possible to aid said ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said invention or inventions, in the United States and all other countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_ 2004.

(L.S.) \_\_\_\_\_  
Juergen Kroll

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 04<sup>th</sup> day of August 2004.

(L.S.) *N. Bastel*  
Norbert Bastel

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4<sup>th</sup> day of August 2004.

(L.S.) *T. Ebner*  
Till Ebner