Attny. Docket No. INA-PT163

IAP15 Rec'd PCT/PTO 09 JAN 2006

Form PTO-1595 (Rev. 08/05) OMB No. (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office					
	10/ 563998					
To the Director of the U.S. Patent and Trademark 3.1.604	21 :hed documents or the new address(es) below.					
1. Name of conveying party(ies) SCHAFER, JENS STEIGERWALD, MARTIN Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/30/2005 X Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	2. Name and address of receiving party(ies) Name: INA-SCHAEFFLER KG Internal Address: Street Address: INDUSTRIESTRASSE 1-3 City: HERZOGENAURACH State: Country: GERMANY Zip: 91074 Additional name(s) & address(es) attached? Yes X No document is being filed together with a new application.					
A. Patent Application No.(s) Additional numbers att. 5. Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s)					
Name: RANDOLPH J. HUIS						
Internal Address: Volpe and Koenig, P.C. UNITED PLAZA, SUITE 1600 Street Address: 30 SOUTH 17TH STREET	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed					
	None required (government interest not affecting title)					
City: PHILADELPHIA	8. Payment Information					
State: PENNSYLVANIA Zip: 19103	a. Credit Card Last 4 Numbers Expiration Date					
Phone Number: 215-568-6400 Fax Number: 215-568-6499 Email Address: mail@volpe-koenig.com	b. Deposit Account Number 22-0493 Authorized User Name RANDOLPH J. HUIS					
9. Signature:						
Signature RANDOLPH J. HUIS Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> **PATENT** REEL: 017460 FRAME: 0319

Express Mail Label No. EV680559591US Atty. Docket No. INA-PT163 (4223-18-US)

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ASSIGNMENT

Jens Schäfer, residing at Spiegelgartenstrasse 40, 91074 Herzogenaurch, Germany, a citizen of Germany; and Martin Steigerwald, residing at Heinrich-Kirchner-Strasse 32, 91056 Erlangen, Germany, a citizen of Germany, (hereafter jointly and severally referred to as the undersigned), are the inventors of DEVICE AND METHOD FOR DETERMINING THE ANGLE OF ROTATION OF A

CAMSHAFT IN RELATION TO THE CRANKSHAFT OF AN INTERNAL
COMBUSTION ENGINE

for which	the	undersign	ed have	executed	an	application	for	United	States	Letters
Patent, U	.s. P	atent App	lication	No		, filed _				
200 .										

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

INA-Schaeffler KG, a German company, having a principal place of business at Industriestrasse 1-3, 91074 Herzogenaurach, Germany, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of

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PATENT REEL: 017460 FRAME: 0320 the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 30 day of NOVEMBER, 2005

Witness:

TT/ TO/ 4000 T#' TO LUV \$100000488

EXECUTED under seal or	this 30 day of	November	, 200,5
at Hevrogenaurach	•		
(Place)			
Witness:			
C Shiff	The s	Tin Shirewall	(L.S.)
Cornelia Stingl	Marti	n Steigerwald	

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PATENT REEL: 017460 FRAME: 0322