

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

SUBMISSION TYPE:		NEW ASSIGNMENT	APPLICATION NUMBER 11/163334		
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST			
CONVEYING PARTY DATA					
Name		Execution Date			
Djamel Charmat		2005-10-13			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
Robert Bosch Corporation	2800 South 25th Avenue		Broadview	ILLINOIS	60153-4594
Robert Bosch GmbH	Wernerstresse 1		D-70442 Stuttgart	GERMANY	
CORRESPONDENCE DATA					
FAX NUMBER: 5742337369 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 022118					
NAME OF PERSON SIGNING:		Leo H. McCormick Jr.			
DATE SIGNED:		2005-10-14			
Total Attachments: 1 source=Assignment.tif					

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ASSIGNMENT

Pursuant to an obligation to Robert Bosch Corporation, a Delaware corporation having its principal place of business at 2800 South 25th Avenue Broadview, IL 60153-4594 and to Robert Bosch GmbH, a company of Germany having its principal place of business at Wernerstrasse 1, D-70442 Stuttgart, Germany, hereinafter referred to as "Assignee" and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I(We):Djamel Charmat, 4221 S. Fellows Street, South Bend Indiana 46614 USA confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, my entire right, title and interest.

(1) in and to an invention entitled "Thermo Clip in an Adjustor Mechanism for a Drum Brake" Bosch File No. R.75437(05/7535), for which I have executed a United States patent application on even date herewith, said United States application being assigned U.S. Serial No. _____, filed _____, (I hereby authorize Assignee to insert the serial number and filing date in the preceding blanks);

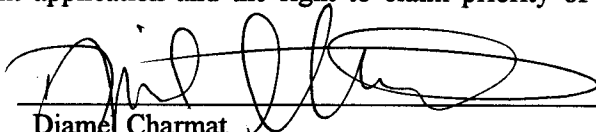
(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

The foregoing notwithstanding Robert Bosch GmbH may be named as assignee or applicant at the time of publication and at the time of issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said United States application.

Date: 10-13-2005

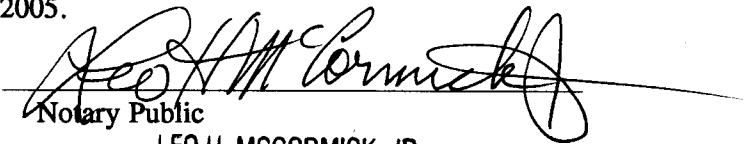


Djamel Charmat

State of Indiana)
) ss:
County of St. Joseph)

I hereby certify that Djamel Charmat before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 3rd day of October, 2005.

(Notarial Seal)



Notary Public
LEO H. MCCORMICK, JR.
Notary Public, State of Indiana
County of St. Joseph
My Commission Expires Oct. 3 2008