

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 8001-000016

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

07-21-1999

Sir:



101096147

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on July 9, 1999.

By

Pruthi H. Anil

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Borg-Warner Automotive, Inc.
3001 West Big Beaver Road, Ste. 200
Troy, Michigan 48084

(2) **Name And Address Of Party Receiving The Interest:**

Mannesmann Sachs AG
Ernst-Sachs Strasse 62
97424 Schweinfurt, Germany

(3) **Description Of The Transaction To Be Recorded:**

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

☐ Serial Number _____, filed _____
☐ Application being filed concurrently herewith.
☒ Patent Number 5,587,092, issued 12/24/96.

07/21/1999 DNGUYEN 00000118 5587092

01 FC:581

(40.00 OP)

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

Philip R. Warn
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . . . 1

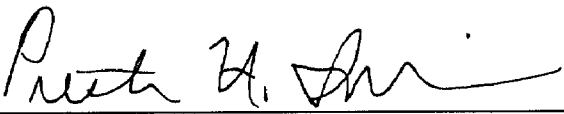
Total Recordal Fee Enclosed: . . . \$40.00

(7) **Date(s) The Document Was Executed:** June 28, 1999

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By: 
Preston H. Smirman
Reg. No. 35,365
Attorney for Applicant(s)

Date: July 9, 1999

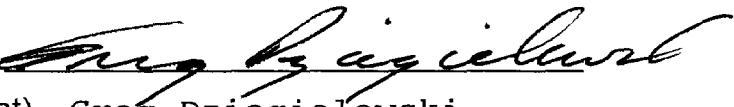
ASSIGNMENT

WHEREAS, Borg-Warner Automotive, Inc., a corporation of the State of Delaware, having a place of business at 3001 West Big Beaver Road, Suite 200, Troy, Michigan 48084, hereinafter referred to as Assignor, currently owns the full and exclusive rights in the United States of America and in all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention to the invention set forth in the following application entitled:

METHOD OF WELDING VANES INTO A SHELL FOR A TORQUE CONVERTER
for patent under Serial No. 08/433,947, filed May 2, 1995, now U.S. Patent No. 5,587,092, issued December 24, 1996; and

WHEREAS, Mannesmann Sachs AG, a German corporation having a principal place of business at Ernst-Sachs Strasse 62, 97424 Schweinfurt, Germany, hereinafter referred to as Assignee, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States of America and the Paris Convention, to the said inventions as described in the aforesaid applications, for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end to the term for which said Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of applications for patent in the United States and in all foreign countries, for litigation regarding, or the purpose of protecting title to the said inventions, the United States application for patent or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said United States Letters Patent to Assignee.

By: 
(print) Greg Dziegielewski
Its: Assistant Secretary

BORG-WARNER AUTOMOTIVE, INC.

State of Michigan)
County of Oakland) ss.

On this 28th day of June, 19 99, before
me personally appeared the foregoing individuals, who executed the foregoing instrument and
who acknowledged to me that they executed the same of their own free will for the purpose
therein set forth.

Theresa M. Good

Notary Public,

(seal)

Oakland County, State of *Michigan*

My Commission Expires:

THERESA M. GOOD
Notary Public, Oakland County, MI
My Commission Expires Oct. 22, 2001