

**COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)**

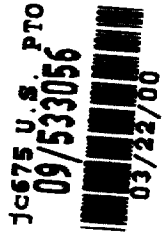
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3.22.00

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

04-03-2000



101303237



Sir:

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 Parties Conveying The Interest:**

James R. Zinke, II  
Garrett W. Gage

09/533056

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

American Axle & Manufacturing, Inc.  
1840 Holbrook Avenue  
Detroit, Michigan 48212-3488

(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 \_\_\_\_\_, issued \_\_\_\_\_

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

W. R. Duke Taylor, Esq.  
Harness, Dickey & Pierce, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303

03/30/2000 NVILLARI 00000010 09533056

02 FC:581

40.00 DP

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

Number of Applications/Patents: ..... One

Total Recordal Fee Enclosed: ..... \$40.00

(7) **Date The Document Was Executed:** March 15, 2000


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, Applicants 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,

Dated: March 22, 2000

By:

  
\_\_\_\_\_  
W. R. Duke Taylor  
Registration No. 31306  
Attorney for Applicants

**ASSIGNMENT BY JOINT INVENTORS**

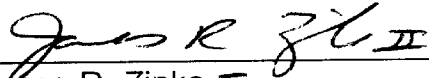
WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented

**HELICAL GEAR DIFFERENTIAL WITH GEARED LUBE PUMP**

for which Assignors are about to make United States application for patent; and

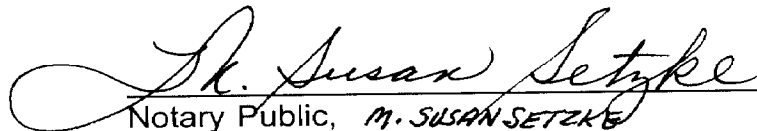
WHEREAS, American Axle & Manufacturing, Inc., a Delaware corporation, having a place of business at 1840 Holbrook Avenue, Detroit, Michigan 48212-3488, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do 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 and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of 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 Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree 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 for the purpose of protecting title to the said invention, 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 Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

  
 James R. Zinke II  
 (First joint inventor)

State of MICHIGAN )  
 ) ss.  
 County of OAKLAND )

On this 15<sup>th</sup> day of March, 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
 Notary Public, M. SUSAN SETZKE

(seal)

Oakland County, State of Michigan

My Commission Expires: 2-10-04

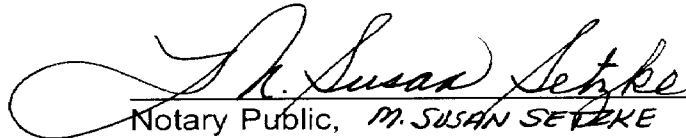
# ASSIGNMENT BY JOINT INVENTORS

  
\_\_\_\_\_  
Garrett W. Gage  
(Second joint inventor)

State of MICHIGAN )  
County of OAKLAND ) ss.

On this 15th day of March, 2000, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

(seal)

  
\_\_\_\_\_  
Notary Public, M. SUSAN SETZKE

Oakland County, State of Michigan

My Commission Expires: 2-10-04