

07-27-2007



EET

HDP Docket No. 9539-000174
Express Mail Label No. EV 755 418 878 US

To the Director of the U.S. Patent

103430956

and documents or the new address(es) below.

7-20-07

1. Name of conveying party(ies)/Execution Date(s):

Paul J. Valente

2. Name and address of receiving party(ies)

Name: American Axle & Manufacturing, Inc.

Internal Address:

Execution Date(s) July 17, 2007

Additional name of conveying party(ies) attached? Yes No

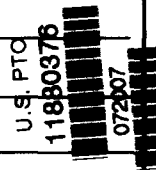
Street Address: One Dauch Drive

City: Detroit

State: Michigan

Country: USA Zip: 48211-1198

Additional Name(s) & address(es) attached? Yes No



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

07/26/2007 DBYRNE 00000049 11880376

40.00 OP

Additional numbers attached? Yes No

01 FC:8021

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Philip E. Rettig

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address:

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 08-0750

Authorized User Name _____

9. Signature :

Donald G. Walker
Signature

July 20, 2007

Date

DONALD G. WALKER

Total number of pages including cover sheet, attachments, and documents

Name of Person Signing

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

ASSIGNMENT

Atty. Docket No. 9539-000174

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

PRE-LOAD MECHANISM FOR HELICAL GEAR DIFFERENTIAL

which is the subject of a United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) executed on 17 JULY, 2007;
- (c) filed on _____, and assigned Serial No. _____ or PCT International Application No. _____;
- (d) U.S. Patent No. _____, issued _____, and
 presently assigned as evidenced at Reel _____, Frame _____; or
- (e) entitled above and naming the undersigned inventors in this provisional patent application; and

WHEREAS, American Axle & Manufacturing, Inc. a Michigan corporation, with a place of business at One Dauch Drive, Detroit, Michigan 48211-1198, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application 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 Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

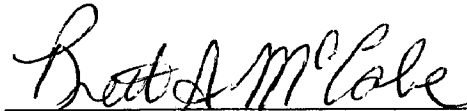
Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT



PAUL J. VALENTE



First Witness

17 JULY 2007

Dated



Second Witness

RECORDATION FORM COVER SHEET

PATENTS ONLY

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To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

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DUPLICATE

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