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HDP Docket No. CLIENT REF GP 304489
(8540R-000078)
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(2/2/2005)

2-2-05

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

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

Thomas L. Gibson
Nelson A. Kelly

Execution Date(s) Gibson 1/28/05; Kelly 1/28/05
Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: GENERAL MOTORS CORPORATION

Internal Address: Legal Staff - Intellectual Property

Mail Code 482-C23-B21

Street Address: P.O. Box 300

300 Renaissance Center

City: Detroit

State: MI

Country: US Zip: 48265

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

11594 U.S. PTO
11/049213
020205

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)

Additional numbers attached? Yes No

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

Name: Kathryn A. Marra

Internal Address: General Motors Corporation - Legal Staff

Mail Code 482-C23-B21

Street Address: P.O. Box 300

City: Detroit

State: MI Zip: 48265-3000

Phone Number : 313-665-4708

Fax Number: 313-665-4976

Email Address: _____

6. Total number of applications and patents involved: 1

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 **40E**
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 07-0960

Authorized User Name _____

9. Signature :

Ryan W. Massey
Signature

February 2, 2005

Date

Anna M. Budde / Ryan W. Massey

Total number of pages including cover sheet, attachments, and documents 4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

02/16/2005 ECHPDER 00000118 11049213
40.00 DA
01 FC:8021

ASSIGNMENT

Atty. Ref. CLIENT REF GP-304489 (8540R-000078)

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

METHOD AND APPARATUS FOR HYDROGEN GENERATION

for which Assignor is about to make or has made 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 _____, _____, _____; or
- (c) filed on _____, and assigned Serial No. _____ or PCT International Application No. _____, and

WHEREAS, GENERAL MOTORS CORPORATION, having a place of business at Mail Code 482-C23-B21, P.O. Box 300, 300 Renaissance Center, Detroit, Michigan 48265, 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;

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 letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and 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;

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 and requests my attorney to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

Thomas L. Gibson

Thomas L. Gibson

January 28, 2005

Dated

Nelson A. Kelly

Nelson A. Kelly

January 28, 2005

Dated

Attorney Docket No. GP-304489