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02-07-2003



Attorney Docket No. 8540G- 000033

Client Ref. No.: H-205754

HEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102359246

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, DC 20503
with attached original documents or copy thereof

1. Name of conveying party(ies): 1-30-03
Mark A. Brundage
Taichiang Paul Yu
Additional name of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: GENERAL MOTORS CORPORATION
Internal Address: Legal Staff - Intellectual Property
Mail Code 482-C-23-B21

U.S. PTO
10/354542
01/30/03

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s): January 29, 2003

Street Address: P.O. Box 300
300 Renaissance Center
City: Detroit State: MI Zip: 48265
Additional Name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: 01/29/03
A. Patent Application No.(s)
10,354,542
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: Linda M. Deschere
Internal Address: Harness, Dickey & Pierce, P.L.C.
Street Address: P.O. Box 828
City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and/or patents involved: 1
7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account no. 07-0960
8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 07-0960. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Linda M. Deschere [Signature] January 30, 2003
Name of Person Signing Signature Date

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

02/07/2003 LMUELLER 00000053 070960 10354542
01 FC:8021 40.00 CH

PATENT
REEL: 013722 FRAME: 0631

ASSIGNMENT

Atty. Docket No. 8540G-000033

Client Ref. No.: H-205754

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

DUAL FUNCTION CO CLEAN-UP/SORBER UNIT

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, a Delaware Corporation, having a place of business at Detroit, Michigan, 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

Mark A. Brundage
MARK A. BRUNDAGE

State of NEW YORK)
County of Monroe) ss.

On this 29 day of January, 2003, 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.

James L. Saller
Notary Public,

(seal)

Monroe County, State of New York

My Commission Expires: 8-21-05

JAMES L. SALLER
NOTARY PUBLIC, State of New York
Commission Expires 8-21-05

