

12/11/03

Docket No.: DP-311313

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

12-19-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Tab settings

102627564

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**John G. Nunan**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Delphi Technologies, Inc.**  
Address: **5825 Delphi Drive**

City: **Troy** State/Prov.: **MI**  
Country: **USA** ZIP: **48098**

Additional name(s) & address(es)  Yes  No

22387 U.S. PTO  
10/734014

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: **December 9, 2003**

4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: **December 9, 2003**

Patent Application No.	Filing date	B. Patent No.(s)
<b>101734014</b>		

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Paul Marshall**  
Registration No. **31,178**  
Address: **Delphi Technologies, Inc.**  
**P.O. Box 5052**  
**M/C 480-410-202**  
City: **Troy** State/Prov.: **MI**  
Country: **USA** ZIP: **48007**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:  
**06-1130**  
(Attach duplicate copy of this page if paying by deposit account)

40000165 10734014  
40.00 DP  
12/16/2003 ESUPER  
01 FU:0021

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.*

**Joel T. Charlton** Reg. No. **52,721** *Joel T. Charlton* **December 11, 2003**  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **2**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 014796 FRAME: 0509**

**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application DP-311313 entitled

**EXHAUST TREATMENT DEVICE, AND METHODS  
OF MAKING THE SAME**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney PAUL MARSHALL and PAMELA J. CURBELO to insert the application number and filing date of said application here in parentheses ( \_\_\_\_\_ filed \_\_\_\_\_ ) when known.

Inventor's signature

John G. Nunan

Full name:

John G. Nunan

Residence:

Tulsa, OK

Date

12/9/03

Declaration dated:

\_\_\_\_\_