FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) 08-22-2001



Docket No.: **DP-302920** ΕT

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): OWEN H. BAILEY JEAN J. BALLAND SERGIO QUELHAS BART SCHREURS	2. Name and address of receiving party(ies):  Name: DELPHI TECHNOLOGIES INC.  Internal Address:			
Additional names(s) of conveying party(ies)   Yes  No	000			
3. Nature of conveyance:	——————————————————————————————————————			
☑ Assignment	Street Address: 1450 WEST LONG LAKE			
☐ Security Agreement ☐ Change of Name				
Other	City: TROY State: MI ZIP: 48007			
Execution Date: 3/27/01; 3/28/01; 4/30/01; 7/31/01	Additional name(s) & address(es) attached?   Yes   No			
4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application,  A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attac	ned? Tes Zi No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: VINCENT A. CICHOSZ	7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address: DELPHI TECHNOLOGIES, INC.  LEGAL STAFF	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>			
	Authorized to be charged to deposit account			
Street Address: 1450 WEST LONG LAKE	8. Deposit account number: 50-0831			
City: TROY State: MI ZIP: 48007				
00/20/2001 DOYNUE 00000101 500031 09927710 DO NOT USE THIS SPACE				
D1 FC:581 40.00 CH				
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform of the original document.  PAMELA J. CURBELO REG. #: 34,676	nation is true and correct and any attached copy is a true copy  AUGUST 10, 2001			
Name of Person Signing	Signature Date			

**REEL: 012086 FRAME: 0613** 

#### 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-302920 entitled

## DIAGNOSTIC SYSTEM FOR MONITORING CATALYST PERFORMANCE

Residence:

for which I executed a declaration dated as indicated below. If the patent application has

been filed, I authorize	e attorney VINCENT A. CICHOSZ to	insert the application number and
filing date of said app	olication here in parentheses (	filed)
when known.	D-B-0	7/21/01
Inventor's signature	your save	Date $7/31/01$
Full name:	OWEN H. BAILEY	Declaration dated :
Residence:	CONCORD, OH	
Inventor's signature		Date
Full name:	JEAN J. BALLAND	Declaration dated:
Residence:	METZ, BELGIUM	
Inventor's signature		Date
Full name:	SERGIO QUELHAS	Declaration dated:
Residence:	ANN ARBOR, MICHIGAN	
Inventor's signature		Date
Full name:	BART SCHREURS	Declaration dated:
Residence:	ATHUS, BELGIUM	

**PATENT** REEL: 012086 FRAME: 0614

#### **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-302920 entitled

## DIAGNOSTIC SYSTEM FOR MONITORING CATALYST PERFORMANCE

ATHUS, BELGIUM

Residence:

filed, I authorize attor		ed below. If the patent application number of the desired in the d	
Inventor's signature		Date	
Full name:	OWEN H. BAILEY	Declaration d	ated:
Residence:	CLAREMORE, OK		
Inventor's signature Full name: Residence:	JEAN J. BALLAND METZ, FRANCE	Date 27	ARCH, O lated:
Inventor's signature		Date	
Full name:	SERGIO QUELHAS	Declaration d	ated :
Residence:	ANN ARBOR, MICHIGAN	1	
Inventor's signature Full name:	BART SCHREURS	Date 28 Declaration d	March, 01 ated: 28 March, 01

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# DIAGNOSTIC SYSTEM FOR MONITORING CATALYST PERFORMANCE

ATHUS, BELGIUM

RECORDED: 08/10/2001

Full name:

Residence:

filed, I authorize atto		elow. If the patent application has been nsert the application number and filing filed) when
Inventor's signature		Date
Full name:	OWEN H. BAILEY	Declaration dated:
Residence:	CLAREMORE, OK	
Inventor's signature		Date
Full name:	JEAN J. BALLAND	Declaration dated :
Residence:	METZ, BELGIUM	
Inventor's signature	skupp	Date 30/APR/2001
Full name:	SERGIO QUELHAS	Declaration dated :
Residence:	ANN ARBOR, MICHIGAN	
Inventor's signature		Date
Full name:	BART SCHREURS	Declaration dated :

PATENT REEL: 012086 FRAME: 0616