	U.S. PTO 11/973775 10/09/2007	
Form PTO-1595 (Rev. 08/05) Doc Code: OMB No. 0651-0027 (exp. 6/30/2008)	0-22-2007 U.S. DEPARTMENT OF COMMERCE ted States Patent and Trademark Offic	
RECORDA		
To the Director of the U.S. Patent and Trademark	103455053	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Richard P. Nash	Name: Delphi Technologies, Inc.	
Ravi Ravindra Michael D. Smith	Internal Address: Legal Staff	
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 5825 Delphi Drive	
3. Nature of conveyance/Execution Date(s):		
Execution Date(s) Sept. 27, 28 and Oct. 2, 2007		
Assignment Derger	City: Troy	
Security Agreement Change of Name	State: <u>Michigan</u>	
 Joint Research Agreement Government Interest Assignment 	Country: USA Zip: 48098	
Executive Order 9424, Confirmatory License		
□ Other	Additional name(s) & address(es) attached? 🔲 Yes 🛛 No	
4. Application or patent number(s):	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents	
Name: Delphi Technologies, Inc.	involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40	
Internal Address: Legal Staff	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Michael D. Smith Street Address: P.O. Box 5052	Enclosed	
Mail Code 480-410-202	None required (government interest not affecting title)	
	8. Payment Information	
City: <u>Troy</u> State: <u>Michigan</u> Zip: <u>48007</u>	a. Credit Card Last 4 Numbers1003	
Phone Number: 248-813-1250	Expiration Date7-09	
Fax Number: 248-813-1211	b. Deposit Account Number	
Email Address:	Authorized User Name Laurence C. Begin	
Email Address.	10-8-07	
9. Signature:	Date	
	Total number of pages including 2	
C. Gail Boes Name of Person Signing	cover	
	eet) should be faxed to (571) 273-0140, or mailed to: r of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450	
Mail Stop Assignment Recordauoli Services, Success	eet) should be faxed to (371) 213-6140, or more a 22313-1450 r of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450	
10/12/2007 SFELEKE1 00000064 11973775		
04 FC:8021 40.00 DP		
∖ ′	DATENT	

10.9.01

PATENT REEL: 020013 FRAME: 0528

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-315801 entitled

NEEDLE ROLLER BEARING

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize the Vice President of Delphi Technologies, Inc., or his designate, to insert the application number and filing date of said application here in parentheses (________ filed _______) when known.

Inventor's signature

FULL NAME:

Richard P. Nash

Residence:

Frankenmuth, MI

Inventor's signature

FULL NAME:

Residence:

Saginaw, MI

Ravi Ravindra

Inventor's signature

Michael D. Smith

Residence:

FULL NAME:

Oxford, MI

DATE: 275E07

Declaration dated :

27 SE 07

DATE: Sept 28, 2007

Declaration dated :

Sept 28,2007

DATE: Oct. 2,2007

Declaration dated :

O.J. 2, 2007

I hereby declare that all statements made above of my own knowledge are true, that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I/We hereby appoint the following attorneys and/or agent(s) with the Customer Number provide below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith with full power of substitution, association and revocation.

CUSTOMER NUMBER 22851

ADDRESS ALL CORRESPONDENC	E TO:	ADDRESS A TELEPHON	ALL E CALLS TO:
MICHAEL D. SMIT DELPHI TECHNOL CUSTOMER NUMB	OGIES, INC.	MICHAEL I	D. SMITH
Legal Staff			
P.O. Box 5052			
Mail Code: 480-410-2	202		
Troy, MI 48007-5052		Telephone; (248) 813-1250
Inventor's signature	ALTP.	s/L	Date: 275E07 Citizenship: US
Full name :	Richard P. Nash		
Residence :	Frankenmuth, MI		
Post office address:	6 Parkview Court		
	Frankenmuth, MI 48734		
Inventor's signature	Gikarina		Date: <u>Sept 28, 2007</u>
mventor s signature			Citizenship: US
Full name :	Ravi Ravindra		-
Residence :	Saginaw, MI		
Post office address:	2319 Vean St.		
	Saginaw, MI 48603		
	- 1.		Date: Oct. 2 2007
Inventor's signature	J		Citizenship: US
Full name :	Michael D. Smith		
Residence :	Oxford, MI		
TCOLCOLLA .	-		

PATENT REEL: 020013 FRAME: 0530

RECORDED: 10/09/2007

Post office address:

1883 Turnberry Court

Oxford, MI 48371