

## DELPHI TECHNOLOGIES, INC.

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Troy, Michigan 48007-5052

01-12-2001



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14-DEC-00

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Washington, D.C. 20231

Enclosed for recording is Assignment documentation for the following patent application:

Serial No. 09/657887 filed September 8, 2000

Attorney Docket No.

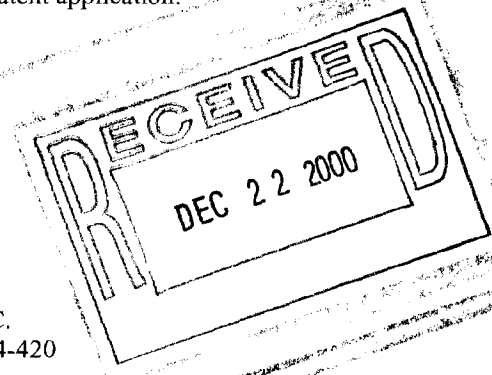
H-199667

(1) Assignor/Inventors:

BENOIT DEROUANE  
SUNIL KESHAVA MURTHY  
TOMY SEBASTIAN  
BUYUN LIU

(2) Assignee:

DELPHI TECHNOLOGIES, INC.  
Legal Staff - Mail Code : 480-414-420  
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TROY, MICHIGAN



(3) Assignment of patent application

(4) Application number:

09/657887

If blank, this documentation is filed together with the patent application.

(5) Address correspondence to:

EDMUND P. ANDERSON  
DELPHI TECHNOLOGIES, INC.  
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P.O. Box 5052  
Mail Code: 480-414-420  
Troy, Michigan 48007-5052

(6) Number of applications:

1

Total Fee:

40.00

(7) Date documentation executed:

October 6, 2000, October 10, 2000 and December 4, 2000

(8) Not applicable

(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title :

NOVEL COMMUTATION SYSTEM FOR TORQUE RIPPLE  
MINIMIZATION

Please charge the \$ 40.00 assignment recording fee to DELPHI TECHNOLOGIES, INC. Deposit Account No. 50-0831.

01/11/2001 DNGUYEN 00000076 500831 09657887

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EDMUND P. ANDERSON  
(248) 267-5699

Total number of pages including cover sheet, attachments and document: 4

Enclosures

PATENT  
REEL: 011407 FRAME: 0399

# 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 H-199667 entitled

## NOVEL COMMUTATION SYSTEM FOR TORQUE RIPPLE MINIMIZATION

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney EDMUND P. ANDERSON to insert the application number and filing date of said application here in parentheses (091657.887 filed September 8, 2000) when known.

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: BENOIT DEROUANE Declaration dated : \_\_\_\_\_

Residence: TOURS, FRANCE \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: SUNIL KESHAHA MURTHY Declaration dated : \_\_\_\_\_

Residence: FENTON, MI \_\_\_\_\_

Inventor's signature  Date Oct 4, 2000

Full name: TOMY SEBASTIAN Declaration dated : \_\_\_\_\_

Residence: SAGINAW, MI Oct 4, 2000

Inventor's signature  Date Oct. 6, 2000

Full name: BUYUN LIU Declaration dated : \_\_\_\_\_

Residence: ~~TROY~~, MI Oct. 6, 2000

Ann Arbor

B.L  
10/6/00

# **ASSIGNMENT**

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## **NOVEL COMMUTATION SYSTEM FOR TORQUE RIPPLE MINIMIZATION**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney EDMUND P. ANDERSON to insert the application number and filing date of said application here in parentheses (09/165,788 filed September 8, 2000) when known.

Inventor's signature B. Derouane Date October, 10<sup>th</sup>, 2000

Full name: BENOIT DEROUANE

Declaration dated :

Residence: TOURS, FRANCE

October, 10<sup>th</sup>, 2000

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name: SUNIL KESHAHA MURTHY

Declaration dated :

Residence: FENTON, MI

\_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name: TOMY SEBASTIAN

Declaration dated :

Residence: SAGINAW, MI

\_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name: BUYUN LIU

Declaration dated :

Residence: TROY, MI

\_\_\_\_\_

# ASSIGNMENT

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## NOVEL COMMUTATION SYSTEM FOR TORQUE RIPPLE MINIMIZATION

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney EDMUND P. ANDERSON to insert the application number and filing date of said application here in parentheses (09/657887 filed September 8, 2000) when known.

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: BENOIT DEROUANE Declaration dated : \_\_\_\_\_

Residence: TOURS, FRANCE \_\_\_\_\_

Inventor's signature  Date Dec 04, 2000


Full name: SUNIL KESHAHA MURTHY Declaration dated : \_\_\_\_\_

Residence: AUSTIN TX  
FENTON, MI Dec 04, 2000

Inventor's signature  Date Oct 4, 2000

Full name: TOMY SEBASTIAN Declaration dated : \_\_\_\_\_

Residence: SAGINAW, MI Oct 4, 2000

Inventor's signature  Date Oct. 6, 2000

Full name: BUYUN LIU Declaration dated : \_\_\_\_\_

Residence: TROY, MI  
Ann Arbor Oct. 6, 2000

BL  
12/2/00