

DELPHI TECHNOLOGIES, INC.

Legal Staff

P.O. Box 5052

Mail Code: 480-414-420

Troy, Michigan 48007-5052

05-05-2000



101346580

31-MAR-00

Box Assignments
Assistant Commissioner for Patents
Washington, D.C. 20231

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

Serial No. 09/461851 filed December 15, 1999

Attorney Docket No. H-202881

(1) Assignor/Inventors: DA YU WANG
PAUL CASEY KIKUCHI
LONE-WEN F. TAI
DAVID STURGE EDDY
RAYMOND LEO BLOINK
ERIC J. DETWILER
LARRY MAX OBERDIER

(2) Assignee: DELPHI TECHNOLOGIES, INC.
Legal Staff - Mail Code : 480-414-420
P.O. Box 5052
TROY, MICHIGAN

(3) Assignment of patent application

(4) Application number: 09/461851
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: VINCENT A. CICHOSZ
DELPHI TECHNOLOGIES, INC.
Legal Staff
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: March 17, 2000, March 24, 2000, March 27, 2000, March 28, 2000

(8) Not applicable

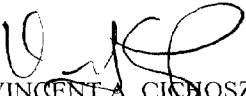
(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title : OXYGEN SENSING METHOD AND DEVICE

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

05/05/2000 BCDATES 00000264 500831 09461851

01 FC:581 40.00 CH


VINCENT A. CICHOSZ
(248) 267-5555

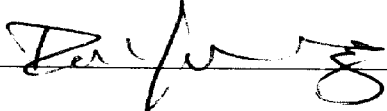
Total number of pages including cover sheet, attachments and document: 5

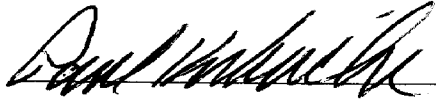
ASSIGNMENT


Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES, INC., a corporation of DELAWARE, having a place of business at TROY, MICHIGAN, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-202881 entitled

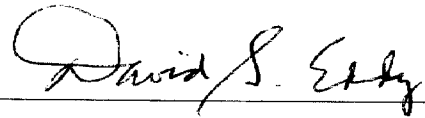
OXYGEN SENSING METHOD AND DEVICE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney VINCENT A. CICHOSZ to insert the application number and filing date of said application here in parentheses (09/461851 filed December 15, 1999) when known.

Inventor's signature  Date 3-17-2000
 Full name: DA YU WANG Declaration dated :
 Residence: TROY, MI 03/17/2000

Inventor's signature  Date 3/24/2000
 Full name: PAUL CASEY KIKUCHI Declaration dated :
 Residence: FENTON, MI 3/24/2000

Inventor's signature  Date 03/28/00
 Full name: LONE-~~WREN~~ F. TAI Declaration dated :
 Residence: WEN 03/28/00 ROCHESTER HILLS, MI 3/28/00

Inventor's signature  Date 03/17/00
 Full name: DAVID STURGE EDDY Declaration dated :
 Residence: WASHINGTON, MI 03/17/2000

Inventor's signature Raymond L. BloinkDate 3/27/00

Full name: RAYMOND LEO BLOINK

Declaration dated :

Residence: SWARTZ CREEK, MI

3/27/00Inventor's signature Eric J. DetwilerDate 3-27-00

Full name: ERIC J. DETWILER

Declaration dated :

Residence: DAVISON, MI

3-13-00Inventor's signature Larry M. OberdierDate 3-17-00

Full name: LARRY MAX OBERDIER

Declaration dated :

Residence: ROYAL OAK, MI

03/17/2000

On this 17TH day of MARCH, 2000, before me personally appeared DA YU WANG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

Gloria A. Monaghan
Notary Public

(SEAL)

My commission expires:

County of Authorization:

GLORIA A. MONAGHAN
NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Aug 18, 2003

On this 24th day of March, 2000, before me personally appeared PAUL CASEY KIKUCHI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

Deborah Mae McAbey
Notary Public

(SEAL)

My commission expires:

County of Authorization:

DEBORAH MAE MCAHEY
Notary Public, Genesee County, MI
My Commission Expires Sept. 25, 2001

On this 28th day of March, 2000, before me personally appeared
 LONE
 WREN F. TAI, known to me to be the person who executed the foregoing instrument, and
 acknowledged that he/she executed the same.

(SEAL)

Deborah Mae McCabe
 Notary Public
 My commission expires: DEBORAH MAE MCABOY
 County of Authorization: Notary Public, Genesee County, MI
My Commission Expires Sept. 25, 2001

On this 17th day of MARCH, 2000, before me personally appeared
 DAVID STURGE EDDY, known to me to be the person who executed the foregoing
 instrument, and acknowledged that he/she executed the same.

(SEAL)

Gloria A. Monaghan
 Notary Public
 My commission expires: GLORIA A. MONAGHAN
 County of Authorization: NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Aug 18, 2003

On this 27th day of March, 2000, before me personally appeared
 RAYMOND LEO BLOINK, known to me to be the person who executed the foregoing
 instrument, and acknowledged that he/she executed the same.

(SEAL)

Deborah Mae McCabe
 Notary Public
 My commission expires: DEBORAH MAE MCABOY
 County of Authorization: Notary Public, Genesee County, MI
My Commission Expires Sept. 25, 2001


On this 27th day of March, 2000, before me personally appeared
 ERIC J. DETWILER, known to me to be the person who executed the foregoing instrument,
 and acknowledged that he/she executed the same.

(SEAL)

Deborah Mae McCabe
 Notary Public
 My commission expires: DEBORAH MAE MCABOY
 County of Authorization: Notary Public, Genesee County, MI
My Commission Expires Sept. 25, 2001

On this 17TH day of MARCH, 2000, before me personally appeared
LARRY MAX OBERDIER, known to me to be the person who executed the foregoing
instrument, and acknowledged that he/she executed the same.

(SEAL)



Notary Public

My commission expires:

County of Authorization:

MY COMMISSION EXPIRES Aug 18, 2003
NOTARY PUBLIC OAKLAND CO., MI
GLORIA A. MONAGHAN