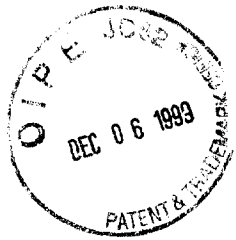


12.6.99



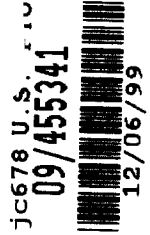
General Motors Corporation
Legal Staff
P.O. Box 33114
Detroit, MI 48232

01-DEC-99

01-12-2000



101242731



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

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

Attorney Docket No. H-203715

(1) Assignor/Inventors: JAMES W. KOSAKOWSKI
JOHN L. BRUMMANS
TIMOTHY R. HOYE
TEHUI PENG
EDWARD J. STRZELECKI

(2) Assignee: GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

09/455341

(3) Assignment of patent application

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

(5) Address correspondence to : JEFFREY A. SEDLAR
General Motors Corporation
Legal Staff
P.O. Box 33114
Detroit, MI 48232

(6) Number of applications: 1
Total Fee: 40.00

(7) Date documentation executed: November 9, 1999; November 18, 1999

(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: METHODS AND APPARATUS FOR MOUNTING A HEAT EXCHANGER TO A
VEHICLE

Please charge the \$40.00 assignment recording fee to GENERAL MOTORS CORPORATION Deposit Account
No. 07-0960.

01/11/2000 DMGUYEN 00000076 070960 09455341
01 FC:581 40.00 CH 1

JEFFREY A. SEDLAR
313/974-1355

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


Enclosures

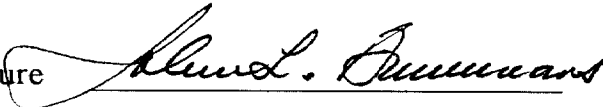
ASSIGNMENT

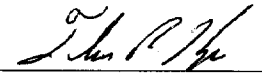
Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-203715 entitled

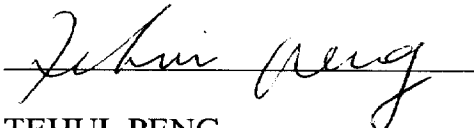
METHODS AND APPARATUS FOR MOUNTING A HEAT EXCHANGER TO A VEHICLE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney JEFFREY A. SEDLAR to insert the application number and filing date of said application here in parentheses (_____ filed _____) when known.

Inventor's signature  Date 11-9-99
 Full name: JAMES W. KOSAKOWSKI Declaration dated :
 Residence: ST. CLAIR SHORES, MI 11-9-99

Inventor's signature  Date 11-9-99
 Full name: JOHN L. BRUMMANS Declaration dated :
 Residence: WARREN, MI 11-9-99

Inventor's signature  Date 11-18-99
 Full name: TIMOTHY R. HOYE Declaration dated :
 Residence: WYANDOTTE, MI 11-18-99

Inventor's signature  Date 11/9/99
 Full name: TEHUI PENG Declaration dated :
 Residence: ROCHESTER HILLS, MI 11/9/99

Inventor's signature

Edward J. Strzelecki

Date

11-9-99

Full name:

EDWARD J. STRZELECKI

Declaration dated :

Residence:

OXFORD, MI

11-9-99

On this 9th day of November, 1999, before me personally appeared JAMES W. KOSAKOWSKI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

Anita L. Gala

Notary Public

(SEAL)

My commission expires: 6/10/2000County of Authorization: Oakland

ANITA L. GALA
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXP. 06/10/2000

On this 9th day of November, 1999, before me personally appeared JOHN L. BRUMMANS, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

Anita L. Gala

Notary Public

(SEAL)

My commission expires: 6/10/2000County of Authorization: Oakland

ANITA L. GALA
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXP. 06/10/2000

On this 18th day of November, 1999, before me personally appeared TIMOTHY R. HOYE, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

Anita L. Gala

Notary Public

(SEAL)

My commission expires: 6/10/2000County of Authorization: Oakland

ANITA L. GALA
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXP. 06/10/2000

PATENT

| REEL: 010478 FRAME: 0342

On this 9th day of November, 1999, before me personally appeared
TEHUI PENG, known to me to be the person who executed the foregoing instrument, and
acknowledged that he/she executed the same.

(SEAL)

Anita L. Gala
Notary Public
My commission expires: 6/10/2000
County of Authorization: Oakland

ANITA L. GALA
NOTARY PUBLIC, OAKLAND COUNTY, MI
MY COMMISSION EXP. 06/10/2000

On this 9th day of November, 1999, before me personally appeared
EDWARD J. STRZELECKI, known to me to be the person who executed the foregoing
instrument, and acknowledged that he/she executed the same.

(SEAL)

Anita L. Gala
Notary Public
My commission expires: 6/10/2000
County of Authorization: Oakland

ANITA L. GALA
NOTARY PUBLIC, OAKLAND COUNTY, MI
MY COMMISSION EXP. 06/10/2000

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-203715 entitled

METHODS AND APPARATUS FOR MOUNTING A HEAT EXCHANGER TO A VEHICLE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney JEFFREY A. SEDLAR to insert the application number and filing date of said application here in parentheses (_____ filed _____) when known.

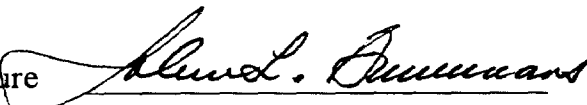
Inventor's signature  Date 11-9-99

Full name: JAMES W. KOSAKOWSKI

Declaration dated :

Residence: ST. CLAIR SHORES, MI

11-9-99

Inventor's signature  Date 11-9-99

Full name: JOHN L. BRUMMANS

Declaration dated :

Residence: WARREN, MI

11-9-99

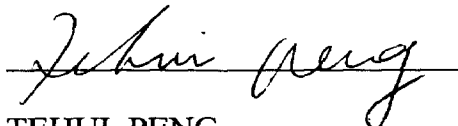
Inventor's signature  Date 11-18-99

Full name: TIMOTHY R. HOYE

Declaration dated :

Residence: WYANDOTTE, MI

11-18-99

Inventor's signature  Date 11/9/99

Full name: TEHUI PENG

Declaration dated :

Residence: ROCHESTER HILLS, MI

11/9/99

PATENT

'REEL: 010478 FRAME: 0344

Inventor's signature

Edward J. Strzelecki

Date

11-9-99

Full name:

EDWARD J. STRZELECKI

Declaration dated :

Residence:

OXFORD, MI

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