

02-23-2000



DP-300112, Page 1

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

15-DEC-99

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

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

Serial No. 09/400581 filed September 22, 1999

Attorney Docket No. DP-300112

(1) Assignor/Inventors: GREGORY KELLER RASMUSSEN  
FENGLIAN CHANG  
JINPING ZHANG  
TERRY JACK GOLD

(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: 09/400581  
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: December 7, 1999 and December 8, 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 : PRODUCTION OF TERNARY SHAPE-MEMORY ALLOY FILMS BY  
SPUTTERING USING A HOT PRESSED TARGET

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

02/22/2000 TTON11 00000344 500831 09400581  
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VINCENT A. CICHOSZ  
(248) 267-5555

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

Enclosures

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PATENT  
REEL: 010558 FRAME: 0446

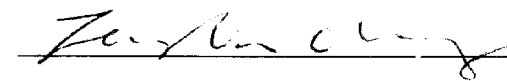
# ASSIGNMENT


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 DP-300112 entitled

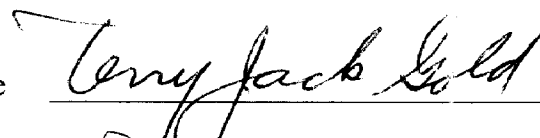
## PRODUCTION OF TERNARY SHAPE-MEMORY ALLOY FILMS BY SPUTTERING USING A HOT PRESSED TARGET

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 (091400581 filed December 8, 1999) when known.

Inventor's signature  Date 12/7/99  
Full name: GREGORY KELLER RASMUSSEN Declaration dated :  
Residence: GRAND BLANC, MI 12/7/99

Inventor's signature  Date 12/7/99  
Full name: FENGLIAN CHANG Declaration dated :  
Residence: Grand Blanc, MI 12/7/99

Inventor's signature  Date 12/08/99  
Full name: JINPING ZHANG Declaration dated :  
Residence: Grand Blanc, MI 12/08/99

Inventor's signature  Date 12/18/99  
Full name: TERRY JACK GOLD Declaration dated :  
Residence: Davison, MI 12/18/99

On this 7<sup>th</sup> day of December, 1999, before me personally appeared GREGORY KELLER RASMUSSEN, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Jack E. Tubbs  
Notary Public

My commission expires:

County of Authorization:

**JACK E. TUBBS**  
Notary Public Genesee Co., MI  
My Commission Expires Jan. 14, 2000

On this 7<sup>th</sup> day of December, 1999, before me personally appeared FENGLIAN CHANG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Jack E. Tubbs  
Notary Public

My commission expires:

County of Authorization:

**JACK E. TUBBS**  
Notary Public Genesee Co., MI  
My Commission Expires Jan. 14, 2000

On this 8<sup>th</sup> day of December, 1999, before me personally appeared JINPING ZHANG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Jack E. Tubbs  
Notary Public

My commission expires:

County of Authorization:

**JACK E. TUBBS**  
Notary Public Genesee Co., MI  
My Commission Expires Jan. 14, 2000

PATENT

REEL: 010558 FRAME: 0448

On this 8<sup>th</sup> day of December, 1999, before me personally appeared  
TERRY JACK GOLD, known to me to be the person who executed the foregoing instrument,  
and acknowledged that he/she executed the same.



Notary Public

My commission expires:

County of Authorization:

**JACK E. TUBBS**

**Notary Public Genesee Co., MI**

**My Commission Expires Jan. 14, 2000**

(SEAL)