

05-18-1998



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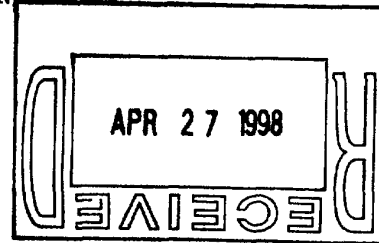
4-27-98

DELCO ELECTRONICS CORPORATION

P.O. BOX 9005  
ERC BUILDING - MS D-32  
KOKOMO, IN 46904

4/22/98

H-200777



Box Assignments  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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

Serial No. 08/991685 filed 16-DEC-97

Docket No.: H-200777

- (1) Assignor/Inventors: FRANS PETER LAUTZENHISER  
JOHN KARL ISENBERG  
JAMES EDWARD WALSH  
ADAM WADE SCHUBRING
- (2) Assignee: DELCO ELECTRONICS CORPORATION  
ERC Building - Mail Stop D-32 - Kokomo, IN 46904
- (3) Assignment of patent application
- (4) Application number: 08/991685  
If blank, this documentation is filed together with the patent application.
- (5) Address correspondence to: JIMMY L. FUNKE  
Delco Electronics Corporation - P.O. BOX 9005  
ERC Building - Mail Stop D-32 - Kokomo, IN 46904
- (6) Number of applications: 1  
Total Fee: 40.00
- (7) Date documentation executed: *Lautzenhiser & Walsh 1/9/98*  
*Schubring 4/9/98*
- (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: METHOD OF MANUFACTURE FOR A THICK FILM MULTI-LAYER CIRCUIT

Please charge the \$40.00 assignment recording fee to Delco Electronics Corporation Deposit Account No. 04-0549.

05/15/1998 JSH/DAZZ 00000115 040549 08991685  
Sale Ref: 00000115 Inv: 040549 08991685  
01 FC:581 40.00 CH

*Jimmy L. Funke*  
JIMMY L. FUNKE  
765/451-3481

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

Enclosures

PATENT  
REEL: 9161 FRAME: 0748

ASSIGNMENT

Pursuant to an agreement relating to work I have performed for DELCO ELECTRONICS CORPORATION, I formally assign to DELCO ELECTRONICS CORPORATION, a corporation of DELAWARE, having a place of business at KOKOMO, INDIANA, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-200777 entitled

## METHOD OF MANUFACTURE FOR A THICK FILM MULTI-LAYER CIRCUIT

for which I executed a declaration dated as indicated below. I further acknowledge that I was obligated to so assign such improvements at the time such improvements were made. If the patent application has been filed, I authorize attorney JIMMY L. FUNKE to insert the application number and filing date of said application here in parentheses ( 08/991,685 filed 12/16/97 ) when known.

Inventor's signature Frans Peter Lautzenhiser Date 1/9/98  
Full name: FRANS PETER LAUTZENHISER Declaration dated: 1/9/98  
Residence: NOBLESVILLE, IN

Inventor's signature John Karl Isenberg Date 4/9/98  
Full name: JOHN KARL ISENBERG Declaration dated: 4/9/98  
Residence: ROSSVILLE, IN

Inventor's signature James Edward Walsh Date 1/9/98  
Full name: JAMES EDWARD WALSH Declaration dated: 1/9/98  
Residence: W. LAFAYETTE, IN

Inventor's signature Adam Wade Schubring Date 4/8/98  
Full name: ADAM WADE SCHUBRING Declaration dated: 4/8/98  
Residence: KOKOMO, IN

On this 9th day of January, 1998, before me personally appeared FRANS PETER LAUTZENHISE, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Janita C. Beall  
Notary Public  
My commission expires: 4/16/08.  
County of Authorization: Miami

On this 9th day of April, 1998, before me personally appeared JOHN KARL ISENBERG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Janita C. Beall  
Notary Public  
My commission expires: 4/16/08.  
County of Authorization: Miami

On this 9th day of January, 1998, before me personally appeared JAMES EDWARD WALSH, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Janita C. Beall  
Notary Public  
My commission expires: 4/16/08  
County of Authorization: Miami

On this 8th day of April, 1998, before me personally appeared ADAM WADE SCHUBRING, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Janita C. Beall  
Notary Public  
My commission expires: 4/16/08  
County of Authorization: Miami