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

Attorney Docket No. : DP-310651

(1) Assignor/Inventors : PRASAD SHRIPAD KADLE  
MAHMOUD GHODBANE

(2) Assignee : DELPHI TECHNOLOGIES, INC.  
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TROY, MICHIGAN

(3) Assignment of patent application

(4) Application number: 10754037  
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to : PATRICK M. GRIFFIN  
DELPHI TECHNOLOGIES, INC.  
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(6) Number of applications : 1  
Total Fee : 40.00

(7) Date documentation executed: 10-DEC-2003; 05-DEC-2003

(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 : HEAT PUMP WITH SECONDARY LOOP AIR-CONDITIONING SYSTEM

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

PATRICK M. GRIFFIN  
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Total number of pages including cover sheet, attachments and document: 2

Enclosures

**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 DP-310651 entitled

**HEAT PUMP WITH SECONDARY LOOP AIR-CONDITIONING SYSTEM**

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

Inventor's signature Prasad Shripad Kadle Date 12/10/03

Full name : PRASAD SHRIPAD KADLE Declaration dated :  
Residence : EAST AMHERST, NY 12/10/03

Inventor's signature M. Ghodbane Date 12/05/03

Full name : MAHMOUD GHODBANE Declaration dated :  
Residence : LOCKPORT, NY 12/05/03