Form PTO-1595 1-31-92

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U.S. Department of Commerce Patent and Trademark Office

Atty Docket: 99-1814

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1.	Name of conveyi	ng party(ies); ni and Thomas A. Stuart	;	2. Name and Address of receiving party(ies): Name: DaimlerChrysler Corporation Internal Address: CIMS 483-02-19 Street Address: 800 Chrysler Dr. East Auburn Hills, MI 48326-2757
	Additional name(s) of conveying party(ies) attached? Yes X No		Ad	ditional name(s) & address(es) attached? Yes <u>X</u> No
3.	Nature of conveyance:			4. Application number(s) or patent number(s):
	X Assignment Merger Security/Agreement Change of Name Other Execution Date: 10/29/99 and 11/08/99			If this document is being filed together with a new application, the execution date of the application is:
				A. Patent Application No.(s) <u>S.N. 09/400,779</u> Filed: 09/22/99
				B. Patent No.(s)
				Additional numbers attached? Yes _X_ No
5.	Name and address of Party to whom correspondence concerning document should be mailed:		6.	Total number of applications and patents involved: <u>1</u>
	Name: Jennifer J. Stec Internal DaimlerChrysler Corporation Address: CIMS 483-02-19 Street 800 Chrysler Drive East Address: Auburn Hills, MI 48326-2757	7.	Total fee (37 CFR 3.41) \$ 40.00 Enclosed	
		7	X Authorized to be charged to deposit account	
				X Authorized to charge any addition fees or credit any over-payment to deposit account
			8.	Deposit Account number: 03-1800 (Duplicate copy attached)
		DO 140.	r US	E THIS SPACE
9.	Statement and	signature.		1 1 1 100 100 1 1 100 1 1 1 1 1 1 1 1 1
	To the best o attached copy	f my knowledge and belief, the is a true copy of the original	fo	regoing information is true and correct and any
<u>Jer</u> Nan	nnifer M. Stec ne of Person Sigr	ning Signature		Date
Tot	al number of pag	ges comprising cover sheet: 1		

Total number of pages including cover sheet, attachments, and document: 3

PATENT REEL: 010412 FRAME: 0698

Attorney Docket No. 99-1814

JOINT ASSIGNMENT

We

Cyrus N. Ashtiani of West Bloomfield, Oakland County, Michigan; and Thomas A. Stuart of Toledo, Lucas County, Ohio

have invented a new and useful process, machine, manufacture, composition of matter, or an improvement thereof, entitled:

CIRCULATING CURRENT BATTERY HEATER

for which a patent application was filed September 22, 1999 with the U.S. Patent and Trademark Office and assigned Serial No. 09/400,779.

We authorize and request the Commissioner of Patents to issue all Letters Patent of the United States to DaimlerChrysler Corporation and University of Toledo.

DaimlerChrysler Corporation, a Delaware corporation having its principal place of business at Auburn Hills, Michigan, and University of Toledo, a university having its principal place of business at Toledo, Ohio, desires to acquire the entire right, title, and interest in the invention and under the Letters Patent, and similar legal protection to be obtained, worldwide.

In consideration of the payment by DaimlerChrysler Corporation and University of Toledo to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, we sell, assign, and transfer unto DaimlerChrysler Corporation and University of Toledo, our full and entire right, title, and interest in the invention worldwide and to all Letters Patent or similar legal protection to be obtained for the invention worldwide by the application or any continuation, division, renewal, substitute, re-examination, reissue, or any legal equivalent, for the full term or terms that may be granted.

We warrant that we have the right to sell, assign, and transfer our full and entire right, title, and interest in the invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that will conflict with this sale, assignment, and transfer.

We further agree to communicate to DaimlerChrysler Corporation and University of Toledo or its representatives, any facts known to us respecting the invention, testify in any legal proceedings relating to the invention when called upon, and sign all instruments and documents and render such assistance which, in the judgment of DaimlerChrysler Corporation or University of Toledo, is necessary to vest in it and protect the legal right, title, and interest assigned in this Assignment.

PATENT REEL: 010412 FRAME: 0699 This Assignment will be binding on our heirs and legal representatives.

Date 10/29/99

Witness Cours

Date

Witness Jun 1/1 Coul

RECORDED: 02/04/2000

Cyrus N. Ashtiani

Thomas A. Stuart

CHRISTINE M. SMALLMAN
My commission expires 11-18-99

(signature)

PATENT REEL: 010412 FRAME: 0700***