

12-01-2003



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Detroit, MI 48265-3000

24-NOV-03

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FINANCE SECTION

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

Serial No. 10/632257 filed August 01, 2003

Attorney Docket No. GP-302006

(1) Assignor/Inventors: SILVA HITI, CONSTANTIN C. STANCU, KHWAJA M. RAHMAN, SCOTT D. DOWNER, JAMES M. NAGASHIMA, ERIC R. OSTROM

(2) Assignee: GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

(3) Assignment of patent application

(4) Application number: 10/632257
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: CHRISTOPHER DEVRIES
General Motors Corporation
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P.O. Box 300
Detroit, MI 48265-3000

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

(7) Date documentation executed: June 11, 12, 18/2003

(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: METHOD AND SYSTEM FOR IMPROVED THERMAL MANAGEMENT OF A VOLTAGE SOURCE INVERTER OPERATING AT LOW OUTPUT FREQUENCY UTILIZING A ZERO VECTOR MODULATION TECHNIQUE

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

11/28/2003 DBYRNE 00000215 070960 10632257
01 FC:0021 40.00 DA

CHRISTOPHER DEVRIES
313/665-4969

Total number of pages including cover sheet, attachments and document: 5

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 GP-302006 entitled

METHOD AND SYSTEM FOR IMPROVED THERMAL MANAGEMENT OF A VOLTAGE SOURCE INVERTER OPERATING AT LOW OUTPUT FREQUENCY UTILIZING A ZERO VECTOR MODULATION TECHNIQUE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney ANTHONY LUKE SIMON to insert the application number and filing date of said application here in parentheses (10/632,257 filed August 1,2003) when known.

Inventor's signature	<u>Silva Hiti</u>	Date: <u>06/11/03</u>
Full name:	SILVA HITI	Declaration dated:
Residence:	Redondo Beach , CA	<u>06/11/03</u>

On this _____ day of _____, 2003, before me personally appeared SILVA HITI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization:

Inventor's signature C. Stancu

Date: 06/11/03

Full name: CONSTANTIN C. STANCU

Declaration dated:

Residence: Anaheim, CA

06/11/03

On this _____ day of _____, 2003, before me personally appeared CONSTANTIN C. STANCU, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization:

Inventor's signature Khwaja Rahman

Date: 6/11/03

Full name: KHWAJA RAHMAN

Declaration dated:

Residence: Torrance, CA

6/11/03

On this _____ day of _____, 2003, before me personally appeared KHWAJA RAHMAN, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization:

Inventor's signature 

Date: 6/18/03

Full name: SCOTT D. DOWNER

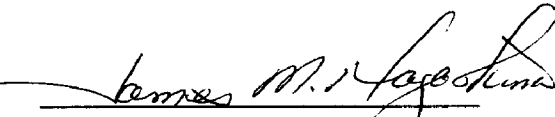
Declaration dated:

Residence: Torrance, CA

6/18/03

On this _____ day of _____, 2003, before me personally appeared SCOTT D. DOWNER, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL) _____
Notary Public
My commission expires:
County of Authorization:

Inventor's signature 

Date: 6/11/03

Full name: JAMES M. NAGASHIMA

Declaration dated:

Residence: Cerritos, CA

6/11/03

On this _____ day of _____, 2003, before me personally appeared JAMES M. NAGASHIMA, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL) _____
Notary Public
My commission expires:
County of Authorization:

Inventor's signature Eric R. Ostrom Date: 6/12/03
Full name: ERIC R. OSTROM Declaration dated:
Residence: Bellflower, CA 6/12/03

On this _____ day of _____, 2003, before me personally appeared ERIC R. OSTROM, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Notary Public
My commission expires:
County of Authorization: