

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Viswanathan Panchanathan	01/06/1992
RECEIVING PARTY DATA	
Name:	General Motors Corporation
Street Address:	P.O.Box 33114
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48232
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	07820165
CORRESPONDENCE DATA	
Fax Number:	(212)755-7306
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	212-326-3939
Email:	cjchineng@jonesday.com
Correspondent Name:	Catharina J. Chin Eng
Address Line 1:	222 East 41st Street
Address Line 4:	New York, NEW YORK 10017
ATTORNEY DOCKET NUMBER:	8631-043-999
NAME OF SUBMITTER:	Thomas G. Rowan
Total Attachments: 11 source=8631-043-999_Assignment#page1.tif source=8631-043-999_Assignment#page2.tif source=8631-043-999_Assignment#page3.tif source=8631-043-999_Assignment#page4.tif source=8631-043-999_Assignment#page5.tif	

CH \$40.00 07820165

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PATENT  
REEL: 023883 FRAME: 0310

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source=8631-043-999\_Assignment#page9.tif  
source=8631-043-999\_Assignment#page10.tif  
source=8631-043-999\_Assignment#page11.tif

ASSIGNMENT

Pursuant to an agreement relating to work I have performed for GENERAL MOTORS CORPORATION, I formally assign to GENERAL MOTORS CORPORATION, a corporation of DELAWARE, having a place of business at DETROIT, MICHIGAN, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application G-4326 entitled

ANISOTROPIC NEODYMIUM-IRON-BORON POWDER  
WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

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.

Inventor's signature Viswanathan Panchanathan Date January 6, 92

Full name: VISWANATHAN PANCHANATHAN

Declaration dated:

Residence: ANDERSON, IN

January 6, 92

STATE OF INDIANA  
COUNTY OF MADISON

On this 6 day of January, 1992, before me personally appeared VISWANATHAN PANCHANATHAN, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL) /affixed/

Hubert Wilhess  
Notary Public  
My commission expires: August 24, 1995  
County of Authorization: Madison

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Viswanathan Panchanathan	Confirmation No.:	4287
Serial No.:	07/820,165	Art Unit:	1101
Patent No.:	5,178,692		
Issued:	January 12, 1993	Examiner:	SHEEHAN, John P.
Filed:	January 13, 1992		
For:	ANISOTROPIC NEODYMIUM-IRON-BORON POWDER WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME	Attorney Docket No:	8631-043-999 (G-4326)

**COMMUNICATION**

Attn: Assignment Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


As indicated by the documents submitted herewith as Exhibit A, on January 9, 1992, Applicant submitted the above-identified patent application for filing. Also, as indicated in the enclosed documents, an assignment from the inventor, Viswanathan Panchanathan, to General Motors Corporation, which was executed on January 6, 1992, (hereinafter "Assignment"), was submitted for recordation on January 9, 1992. An assignment recordation sheet and the \$40.00 assignment recordation fee was submitted along with the Assignment. Enclosed also is a copy of a postcard stamped by the United States Patent Office and Trademark Office ("USPTO") indicating that the patent application, Assignment and assignment recordation sheet were received by the USPTO.


A review of the assignment data base on the USPTO website shows that the Assignment was not recorded. Submitted herewith as Exhibit B is a printout from the USPTO website indicating that the Assignment was not recorded. Therefore, Applicant is enclosing a copy of the Assignment and request that the Assignment be made of record and a recordation copy sent to our attention.

No fee is believed due. If any fee is due, please charge the required fee to Jones Day deposit account no. 50-3013.

Respectfully submitted,

Date: February 2, 2010

  
For: Thomas G. Rowan (Reg. No. 34,419)

  
By: Catharina J. Chin Eng (Reg. No. 42,412)

**JONES DAY**  
222 East 41st Street  
New York, New York 10017-6702  
(212) 326-3939

# EXHIBIT A

Inv. No. G-4326 Date January 9, 1992

PLEASE STAMP SERIAL NO.  
AND DATE RECEIVED  
AND RETURN TO US

7/820165



Applicant: Viswanathan Panchanathan

Title: ANISOTROPIC NEODYMIUM-IRON-BORON POWDER WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

No. of Spec. pp: 17 Claims: 5 Sheets of Drwgs: --

Declaration: Yes Assignment: Yes

Power of Attorney Information Disclosure Statement

Deposit Acct. 07-0960 Amount: \$730.00

Missing Parts: Yes No XX

Attorney: George A. Grove

LEGAL STAFF  
 GENERAL MOTORS CORPORATION  
 P.O. BOX 33114 - DETROIT, MI 48232

09-Jan-1992

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

Sir:

Enclosed for filing are the following patent application papers:

Docket No.: G-4326

Inventors: VISWANATHAN PANCHANATHAN

Title: ANISOTROPIC NEODYMIUM-IRON-BORON POWDER  
 WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

Filing Fee Formula

Basic Fee.....	\$ 690.00
Additional Fees:	
Number of independent claims in excess of 3, times \$72.00.....	\$ 0.00
Number of claims in excess of 20, times \$20.00.....	\$ 0.00
Multiple dependent claim, add \$220.00.....	\$ 0.00
Total Filing Fee.....	\$ 690.00

Please charge the \$690.00 filing fee to General Motors Deposit Account No. 07-0960. Two additional copies of this letter are enclosed.

Very truly yours,



GEORGE A. GROVE  
 Reg. No. 23023  
 313-974-1322

Enclosures



LEGAL STAFF  
GENERAL MOTORS CORPORATION  
P.O. BOX 33114 - DETROIT, MI 48232

09-Jan-1992

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

Sir:

Enclosed for recording is an Assignment(s) of the following application:

Docket No.: G-4326

Assignor/Inventors: VISWANATHAN PANCHANATHAN

Title: ANISOTROPIC NEODYMIUM-IRON-BORON POWDER  
WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

Assignee: GENERAL MOTORS CORPORATION

Please charge the \$40.00 assignment recording fee to General Motors Deposit Account No. 07-0960. Two additional copies of this letter are enclosed.

Very truly yours,



GEORGE A. GROVE  
313-974-1322

Enclosures

*Assign*

ASSIGNMENT

Pursuant to an agreement relating to work I have performed for GENERAL MOTORS CORPORATION, I formally assign to GENERAL MOTORS CORPORATION, a corporation of DELAWARE, having a place of business at DETROIT, MICHIGAN, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application G-4326 entitled

ANISOTROPIC NEODYMIUM-IRON-BORON POWDER  
WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

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.

Inventor's signature Viswanathan Panchanathan Date January 6, 92

Full name: VISWANATHAN PANCHANATHAN

Declaration dated:

Residence: ANDERSON, IN

January 6, 92

STATE OF INDIANA  
COUNTY OF MADISON

On this 6 day of January, 1992, before me personally appeared VISWANATHAN PANCHANATHAN, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL) /affixed/

Hubert Wilhese  
Notary Public  
My commission expires: August 24, 1995  
County of Authorization: Madison

# EXHIBIT B



## United States Patent and Trademark Office

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## Assignments on the Web &gt; Patent Query

## Patent Assignment Abstract of Title

***NOTE: Results display only for issued patents and published applications.  
For pending or abandoned applications please consult USPTO staff.***

## Total Assignments: 7

Patent #: 5178692

Issue Dt: 01/12/1993

Application #: 07820165

Filing Dt: 01/13/1992

Inventor: VISWANATHAN PANCHANATHAN

Title: ANISOTROPIC NEODYMIUM-IRON-BORON POWDER WITH HIGH COERCIVITY AND METHOD FOR FORMING SAME

## Assignment: 1

Reel/Frame: 007677/0654

Recorded: 10/13/1995

Pages: 12

Conveyance: SECURITY AGREEMENT AND CONDITIONAL ASSIGNMENT

Assignor: MAGNEQUENCH INTERNATIONAL, INC.

Exec Dt: 09/29/1995

Assignee: SOCIETY NATIONAL BANK, AS AGENT

127 PUBLIC SQUARE

CLEVELAND, OHIO 44114

Correspondent: JONES, DAY, REAVIS &amp; POGUE

SUZANNE KOSTON

901 LAKESIDE AVENUE, NORTH POINT

CLEVELAND, OH 44114

## Assignment: 2

Reel/Frame: 007737/0573

Recorded: 11/14/1995

Pages: 22

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: GENERAL MOTORS CORPORATION

Exec Dt: 09/29/1995

Assignee: MAGNEQUENCH INTERNATIONAL, INC.

6435 SCATTERFIELD ROAD

ANDERSON, INDIANA 46013

Correspondent: PENNIE &amp; EDMONDS

BRIAN M. POISSANT

1155 AVENUE OF THE AMERICAS

NEW YORK, NY 10036

## Assignment: 3

Reel/Frame: 015509/0791

Recorded: 06/28/2004

Pages: 22

Conveyance: SECURITY AGREEMENT

Assignor: MAGNEQUENCH INTERNATIONAL, INC.

Exec Dt: 06/25/2004

Assignee: BEAR STEARNS CORPORATE LENDING INC.

383 MADISON AVENUE

NEW YORK, NEW YORK 10179

Correspondent: LATHAM &amp; WATKINS

RHONDA DELEON

650 TOWN CENTER DRIVE, SUITE 2000

COSTA MESA, CALIFORNIA 92626

## Assignment: 4

Reel/Frame: 014782/0362

Recorded: 06/28/2004

Pages: 10

Conveyance: RELEASE OF SECURITY INTEREST

Assignor: KEY CORPORATE CAPITAL, INC., FORMERLY SOCIETY NATIONAL  
BANK, AS AGENT

Exec Dt: 06/28/2004

**Assignee:** MAGNEQUENCH INTERNATIONAL, INC.  
9775 CROSSPOINT BOULEVARD  
SUITE 100  
INDIANAPOLIS, INDIANA 46256

**Correspondent:** ICE MILLER  
ONE AMERICAN SQUARE  
BOX 82001  
INDIANAPOLIS, IN 46282-0200

**Assignment: 5****Reel/Frame:** 016722/0115**Recorded:** 09/02/2005**Pages:** 12**Conveyance:** RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).**Assignor:** BEAR STERNS CORPORATE LENDING INC.**Exec Dt:** 08/30/2005

**Assignees:** MAGEQUENCH, INC.  
9775 CROSSPOINT BLVD., SUITE 100  
INDIANAPOLIS, INDIANA 46256  
MAGNEQUENCH INTERNATIONAL, INC.  
9775 CROSSPOINT BLVD., SUITE 100  
INDIANAPOLIS, INDIANA 46256

**Correspondent:** JAMES R. MIX  
JONES DAY  
901 LAKESIDE AVENUE  
CLEVELAND, OH 44101

**Assignment: 6****Reel/Frame:** 016769/0559**Recorded:** 09/13/2005**Pages:** 11**Conveyance:** SECURITY AGREEMENT**Assignor:** MAGEQUENCH INTERNATIONAL, INC.**Exec Dt:** 08/31/2005

**Assignee:** NATIONAL CITY BANK OF INDIANA  
629 EUCLID AVE., 2ND FLOOR  
C/O JEANNETTE KIRCHNER, NATIONAL CITY BANK  
CLEVELAND, OHIO 44114

**Correspondent:** JAMES R. MIX  
JONES DAY  
901 LAKESIDE AVENUE  
CLEVELAND, OH 44101

**Assignment: 7****Reel/Frame:** 021763/0890**Recorded:** 10/31/2008**Pages:** 8**Conveyance:** SECURITY INTEREST**Assignor:** MAGNEQUENCH INTERNATIONAL, INC.**Exec Dt:** 10/30/2008

**Assignee:** NATIONAL CITY BANK, AS COLLATERAL AGENT  
629 EUCLID AVENUE, 2FL  
CLEVELAND, OHIO 44114

**Correspondent:** NANCY A. ZOUBEK, JONES DAY  
222 EAST 41ST STREET  
NEW YORK, NY 10017-6702

Search Results as of: 02/01/2010 04:06 PM  
If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.  
Web interface last modified: October 18, 2008 v.2.0.2

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**PATENT****RECORDED: 02/02/2010****REEL: 023883 FRAME: 0322**