

12-01-2000



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Janet A. McDougal-Roth
1183 Manitou Trail
P.O. Box 601
Leland, MI 49654
MRP
9-6-96

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **Mary Ann McDougal**
Internal Address: _____

CANCELLED

3. Nature of conveyance: **23**

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **August 12, 1996**

Street Address: **6116 Baldwin Lake Road**
City: **Circle Pines** State: **MN** ZIP: **55014**

Additional name(s) & address(es) attached? Yes No

Exam record valid U.S. #s only

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)	B. Patent No.(s)
JP 507417/88	3,903,856 4,257,373 4,517,540
JP 49692/90	3,907,431 4,266,421 4,704,943
	3,919,961 4,471,737 4,718,381
	4,116,173 4,514,712 4,809,662

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Michael T. Raggio**
Internal Address: _____
Street Address: **Dinnin & Dunn, P.C.**
755 West Big Beaver, Ste. 2100
City: **Troy** State: **MI** ZIP: **48084**

6. Total number of applications and patents involved: **29**

7. Total fee (37 CFR 3.41):.....\$ **1,160.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael T. Raggio *Michael T. Raggio* **10/23/00**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **1**

Additional Patent No(s):

4,821,697	5,085,192	EPO P69025347.8
4,837,544	5,133,322	
4,869,175	5,210,458	
4,947,680	5,514,314	
4,960,093	EPO 0328622	
4,993,371	EPO 0386941	
5,029,567	EPO P3885599.2	

ASSIGNMENT

Pursuant to stipulation and agreement between the parties, JANET A. MCDOUGAL-ROTH a United States citizen, of 1183 Manitou Trail, P.O. Box 601, Leland Michigan 49654 hereby surrenders, releases and assigns any and all interest, without any warranty or covenants for title, in the following listed trademarks, patents, patent applications, in any related licenses, and in any patents which may issue from such applications or from continuing applications based on said applications or patents to MARY ANN MCDOUGAL, of 6116 Baldwin Lake Road, Circle Pines, Minnesota 55014, Trustee of the John A. McDougal Trust under Agreement dated, July 28, 1990. The parties agree to execute, acknowledge, and deliver all such further instruments, and to do all such other acts, as may be necessary or appropriate in order to effect the intent and purpose of the Assignment and carry out its provisions.

U.S. Patents

<u>Patent No.</u>	<u>Title</u>	<u>Serial No.</u>
3,903,856	Internal Combustion Engine Ignition system & Cleaning Device	336,559
3,907,431	Magnetic Heading Reference	416,741
3,919,961	Autopilot system	461,520
4,116,173	Internal Combustion Engine Ignition system	800,959
4,257,373	Internal Combustion Engine Ignition system	934,322
4,266,421	Vibration Sensor for Internal Combustion Engines	067,991
4,471,737	Internal Combustion Engine Ignition system	374,803
4,514,712	Ignition Coil	894,449
4,517,540	Spiral Windings	135,188

PATENT

REEL: 011137 FRAME: 0354

4,704,943	Impact structures	695,411
4,718,381	Internal Combustion Engine Ignition system	873,074
4,809,662	Internal Combustion Engine Ignition system	187,933
4,821,697	Fuel Octane Evaluation system	085,476
4,837,544	Spiral Windings	186,759
4,869,175	Impact structures	071,897
4,947,680	Separation of Variable in an Ion Gap Controlled Engine	310,742
4,960,093	Internal Combustion Engine Ignition System and Cleaning Device	310,837
4,993,371	Internal Combustion Engine Ignition System and Cleaning Device	460,289
5,029,567	Internal Combustion Engine Ignition System and Cleaning Device	588,026
5,085,192	Internal Combustion Engine Ignition System and Cleaning Device	710,141
5,133,322	Internal Combustion Engine Ignition System and Cleaning Device	785,504
5,210,458	Spark Plug	671,040
5,514,314	Spark Plug	837,256

Foreign Patents

<u>Serial No.</u>	<u>Country</u>	<u>Patent No.</u>	<u>Title</u>
507417/88	Japan	Unknown	Fuel Octane Evaluation System

49692/90	Japan	Unknown	Spark Plug and Method
88-907974.5	EPO-UK	0328622	Fuel Octane Evaluation System
90302191.3	EPO-UK	0386941	Spark Plug and Method
88-907974.5	EPO-Germany	P3885599.2	Fuel Octane Evaluation System
90302191.3	EPO-Germany	P69025347.3	Spark Plug and Method

U.S. Trademarks

<u>Serial No.</u>	<u>Reg. No.</u>	<u>Title</u>
74/117,8890	1702843	ELECTRONIC OCTANE

Dated: 8-12-96

Janet A. McDougal-Roth
 Janet A. McDougal-Roth

State of Michigan)
) ss.
 County of Macomb)

Sworn to and subscribed before me this 12 day of August, 1996.

Julie A. Lisowski
 Notary Public, JULIE A. LISOWSKI

(seal) Macomb County, State of Michigan
 My Commission Expires: 8-15-2000