

FORM PTO-1595 (Rev. 6-93)

04-12-2000



VER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	Attorney Docket No.: 040894-5497
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1. Yoshihiro MATSUBARA 2. Akio KOKUBU 5. Kazuya IWATA 6. Shoichiro ITO APR 0 7 2006	Name: NGK SPARK PLUG CO., LTD.
3. Kazumasa YOSHIDA 4. Makoto YAMAGUCHI  7. Hiroshi ONG  RADEMARI	Internal Address:
Additional name(s) of conveying party(ies) attached?  Yes _X_ No	
3. Nature of conveyance:	Street Address: 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi, Japan
X Assignment Merger Change of Name	City: State: Zip:
Other	Additional name(s) & address(es) attached?  Yes _X No
Execution Date: 1) January 24, 2000, 2) January 24, 2000, 3) January 24, 2000, 4) January 26, 2000 and 5) January 26, 2000	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application the e	execution date of the application is:
A. Patent Application No.(s): 09/435,368 B. P	Patent No.(s)
Additional numbers attached: YesX_ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: J. Michael Thesz	7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> X Enclosed
Internal Address: Morgan, Lewis & Bockius LLP	Authorized to be charged to deposit account 50-0310
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	Deposit account number: 50-0310     Attach duplicate of page if paying by deposit account
9. Statement and Signature	
To the best of my knowledge and belief, the foregoing inform the original document.	nation is true and correct and any attached copy is a true copy of
J. Michael Thesz	April 7, 2000 Date
Name of Person Signing	of pages including cover sheet, attachments and documents: 3
-6:56i 40:60 30 Total number	or pages mending cover sheet, attachments and documents.

1-WA/1357136.1

**PATENT** REEL: 010675 FRAME: 0201

SOLE/JOINT INVENTION (U.S. Rights Only)

## **ASSIGNMENT**

WHEREAS I/We, the below named inventor(sentitled:  IGNITION SYSTEM	s), [hereinafter referred to as Assignor(s	)], have made an invention		
for which I/WE executed an application for United States Letters Patent concurrently herewith; or on; or filed an application for United States Letters Patent on, (Serial No09/435,368); and				
WHEREAS, NGK SPARK PLUG CO., LT	TD.	,		
a corporation of Japan	, whose post office	e address is		
14-18, Takatsuji-cho, Mizuho-ku, Nagoya-s	shi, Aichi, Japan (herema	Her referred to as Assignee),		
is desirous of securing the entire right, title, and interes Patent on this invention and the Letters Patent to be is		i for United States Letters		
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;  AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.				
AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/435,368, filed November 8, 1999) the filing date and application number of said application when known.				
IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).				
1. Full Name of Sole of First Assignor Yoshihiro MATSUBARA	Assignor's Signature  Joshihiro Matsalvara	Date 19/Mar./2000		
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,		Citizenship Japan		
2. Full Name of Second Assignor Akio KOKUBU	Assignor's Signature	Date 09/Mar/2000		
Address c/o NGK SPARK PLUG CO., LTD.,	14-18, Takatsuji-cho,	Citizenship		

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Mizuho-ku, Nagoya-shi, Aichi, Japan

Address

**PATENT REEL: 010675 FRAME: 0202** 

Japan

Continued From First Page of Assignment	Attorney Docket No.:	
3. Full Name of Third Assignor  Kazumasa YOSHIDA	Assignor's Signature Kasumusa Yoshida	Date 01 / Mar. / 2000
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,		Citizenship Japan
4. Full Name of Fourth Assignor Makoto YAMAGUCHI	Assignor's Signature Makette Januguem	Date 09 /Mar /2000
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,	14-18, Takatsuji-cho,	Citizenship Japan
5. Full Name of Fifth Assignor  Kazuya IWATA	Assignor's Signature  Kazaya Lwa Ta	Date 09/ Mar. /2000
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,		Citizenship Japan
6. Full Name of Sixth Assignor Shoichiro ITO	Assignor's Signature	Date 0/ Mar /2000
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,		Citizenship Japan
7. Full Name of Seventh Assignor  Hiroshi ONO	Assignor's Signature	Date (9/Max /2000)
Address c/o NGK SPARK PLUG CO., LTD., Mizuho-ku, Nagoya-shi, Aichi,		Citizenship Japan
8. Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
9. Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
10. Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
11. Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship

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RECORDED: 04/07/2000

PATENT REEL: 010675 FRAME: 0203