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Form PTO-1595 (modified) (Rev. 03/01) OMB No. 0651-0027	102471798	U.S. DEPARTMENT OF COMMERCI U.S. Patent and Trademark Offic
To the Honorable Commission of Differents and Trace 1. Name of conveying party(ies) Hiroaki NASU Wataru MATSUTANI Makoto SUGIMOTO Mitsuru YOSHIDA Matsuru YOSHIDA	demarks: Please record the attached origin 2. Name and address of receivin NGK SPARK PLUG CO., LTD 14-18, Takatsuji-cho, Mizuho-k	ng party(ies):
Additional name(s) of conveying party(ies) attached? □ Yes I 3. Nature of conveyance: I Image: I	No	
Execution Date: May 16, 2003	Additional name(s) & address(es) a	ttached? 🗆 Yes 🗹 No
4. Application number(s) or patent number(s):	direction the production data after some	lightion is:
If this document is being filed together with a new app A. Patent Application No.(s) 10/292,455	B. Patent No.(s)	incation is:
Additional numb	bers attached? □ Yes ☑ No	
5. Name and address of party to whom correspondence	6. Total number of applications	and patents involved:
concerning document should be mailed: SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41):	\$40.00
WASHINGTON OFFICE	☑ Enclosed.	
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To the best of my knowledge and belief, the foregoing original document.	information is true and correct and a	ny attached copy is a true copy of the
Mark Boland Reg.	No. 32,197	June 9, 2003 Date
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	ling cover sheet, attachments, and docu	
		nation to.
Mail documents to be record	bed with required cover sheet morn oner of Patents & Trademarks Box Assignment	nation to:

PATENT REEL: 014149 FRAME: 0858

ASSIGNMENT

Whereas, I/we Hiroaki NASU, Wataru MATSUTANI, Makoto SUGIMOTO and Mitsuru YOSHIDA; all of Aichi Japan

hereinafter called assignor(s), have invented certain improvements in

CHROMATE FILM-CONTAINING PLUG METAL COMPONENT AND METHOD FOR PRODUCING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

May 16, 2003 ; and

Whereas, NGK SPARK PLUG CO., LTD.

of 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number______, filed______) the filing date and application number of said application when known.

Date:	May 16, 200	
Date:	May 16, 200	s si Matan Madulan
Date:	May 16, 200	3 si Maleata Legunato
Date:	May 16, 200	s mitsure yaskida
Date:		s/
Date:		s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 014149 FRAME: 0859

RECORDED: 06/09/2003