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Joel S. Annstrong Registration No. 30,430

02-22-2005

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102945390 Attorney Docket No. 120942 Please record the attached original document or copy thereof. Name of conveying party: Name and address of receiving party: Shinichi MIWA NGK INSULATORS, LTD. 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREFECTURE 467-8530 **JAPAN** Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Additional name(s) & address(es) attached? Nature of conveyance: ☐Yes 🛛 No Assignment Security Agreement ☐ Change of Name Other _ Execution Date: August 24, 2004 This document is being filed together with a new application. Patent Application No.(s) ___ Patent No.(s) ____ Title of Application: EXHAUST GAS PURIFYING FILTER Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41)......\$ 40.00_ Enclosed (Check No. 157899) OLIFF & BERRIDGE, PLC Address: Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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 dodument Date: August 31, 2004 James A. Wiff Registration No. 27,075

 \mathcal{T} otal number of pages including cover sheet, attachments, and document: 2

PATENT REEL: 016264 FRAME: 0981

the entire right, title and interest for the United States of America as defined in 35 U.S.C. §10 invention, and in all applications for patent including any and all personal, non-provisional divisional, continuation, substitute, and reissue application(s) and all Letters Patent, extension reissues and recamination certificates that may be granted on the invention known as for the interest of the state of the provisions of the interest of the state of the provisions of the international continuation of the provisions of the international Convention for Provisions of the international Convention for Protection of Industrial Property of the Invention, and any patentics of the Invention, and any patentics is suiting therefore, and also to execute separate assignments in connection with the Assignee in every way possible in obtaining evidence and going forward with such interference which may be declared con any applications on or continuation of division thereoff, or any patent or reissue application based thereon, for the invention, and to complet Assignee in every way possible in obtaining evidence and going forward with such interference which may be declared con any applications and geres to execute all papers necessary in connection with any applications for the invention, and to complete Assignee in every way possible in obtaining evidence and going forward with such interference which may be declared to any application of continuation or division thereoff, or any patent or reissue application based thereon, for the invention, and to complete Assignee in every way possible in obtaining evidence and going forward with such interference which may be declared to any applications and patents as the Assignee and the applications and patents as the Assignee and the applications and patents as the Assig	1				The second section is
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Assignee (9) NGK Insulators, Ltd. (10) 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan (hereinafter designated as the Assignee) and Assignees heris, successors, assigns and legal representation of the professional control of the preference of the control of the			to eacl	In consideration of the sum of one dollar (\$1.00) and other good and valuable con hof the undersigned, each undersigned agrees to assign, and hereby does assign,	onsideration paid
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This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If

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Witness

neither, then it should be signed before at least two witnesses who also sign here:

Date

Date Date