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U.S. DEPARTMENT OF COMMERCE Director of the U.S. Patent Patent and Trademark Office and Trademark Office Box Assignments Washington, D.C. 20231 102428232 Attorney Docket No. 114046 To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof. Name of conveying parties: 2. A. Name and address of receiving party: Kenji MORIMOTO NGK INSULATORS, LTD. Katsuhiro INOUE 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, 10-18-05 Shinji KAWASAKI AICHI-PREFECTURE, 467-8530 JAPAN Hiroaki SAKAI Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes ⊠ No Assignment Merger Security Agreement Change of Name Other_ Execution Date: October 8, 2002 If this document is being filed together with a new application, the execution date of the application is: October 8, 2002 Patent Application No.(s)_ C. Patent No.(s) 0257834 Additional numbers attached?

Yes

No 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 B. Enclosed (Check No. 135514) Address: OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 WJSRA 00000071 10257850 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 Date: October 18, 2002 James A. Oliff Registration No. 27,075 Thomas J. Pardini Registration No. 30,411 Total number of pages including cover sheet, attachments, and document: 2

> PATENT REEL: 013972 FRAME: 0415

			enji MORIMOTO	(5)	
(1-8)	Insert Name(s) of Inventor(s)	(2) Ka	atsuhiro INOUE	(6)	
		(3) <u>Sl</u>	ninji KAWASAKI	(7)	
		(4) <u>H</u> :	iroaki SAKAI	(8)	
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to			
(9)	Insert Name of Assignee Insert Address of Assignee	(9) N (GK Insulators,	Ltd.	
(10)				Mizuho-ku, Nagoya-	city.
		Aichi-prefecture, 467-8530 Japan (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as			
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>Ho</u>	neycomb Struct	ure	
		(Attorney I	Docket No.	114046	
			he undersigned has (have) exec te herewith or	cuted an application for patent in the U	nited States of America
(12)	Insert Date of Signing of Application	(12) on	October 8, 20	002	
(13)	Alternative	(13) U.S	application Serial Number		
	Identification for filed applications	filed	(October 18, 2002	
				to execute separate assignments in cor	mection with such
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ASSIGNMENT

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