05-12-1998 APPENDIX B MAY 0 4 1998 Form PTO 1595 100707384 RE. PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof. Name of conveying party(ies) Yukihisa Takeuchi, Masahiko Namerikawa and Name: Kazuyoshi Shibata Address: Additional name(s) of conveying parties attached Mo Nature of Conveyance: ✓ Assignment Merger Change of Name Security Agreement Other Execution Date April 17, 1998 Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of this application is . A. Patent Application No.(s) B. Patent No.(s) 09/046,813 Additional Numbers attached? Name and address of party to whom correspondence concerning this document should be mailed: Stephen P. Burr Name:

WALL MARJAMA & BILINSKI

217 Montgomery Street

Hills Building, 7th Floor

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DOCKET NO. 791_018

ment of Commerce Name and address of receiving party(ies): NGK Insulators, Ltd. 2-56 Suda-cho, Mizuho-ku, Nagoya-city. Aichi-Prefecture, 467-0871 Japan Additional name(s) attached? Vo Total number of application and patents involved: 1 Total fee (37 CFR 3.4) \$40.00 Authorized to charge any deficiency or credit any over payment to Deposit Account No. 50-0289. Charge Deposit account (Attach duplicate copy of this page if paying by deposit) DO NOT USE THIS SPACE 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 May 1, 1998

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ASSIGNMENT

		(1) Yukihisa TAKEUCHI (5)
		(2) Masahiko NAMERIKAWA (6)
-8)	Insert Name(s) of Inventor(s)	(3) Kazuyoshi SHIBATA (7)
		(4)
		In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
)	Insert name of Assignee	(9) NGK INSULATORS, LTD. 2-56, Suda-cho, MIzuho-ku, Nagoya-city,
0)	Insert address of Assignee	2-56, Suda-cho, MIzuho-ku, Nagoya-city, (10) <u>Aichi-prefecture, 467-0871 Japan</u>
		(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor known as
1)	Insert Identification of	(11) SENSOR UNIT
	Invention, such as Title, Case Number or Foreign Application Number	(Case No)
		for which the undersigned has (have) executed an application for patent in the United States of America
!)	Insert Date of Signing of Application	(12 on
3)	Alternative identification	(13) U.S. application Serial Number 09/046,813
	for filed applications	filedMarch 24, 1998

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing r divisional applications thereof and also to execute separate assignments in connection with such applications as the ssignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be exclared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way assible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be accessary in connection with claims or provisions of the International Convention for Protection of Industrial Property r similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid nited States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters atents of the United States resulting from said application or any divisions or continuing applications thereof to the said ssignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire sterest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

PATENT REEL: 9149 FRAME: 0669

02-068/2 WA-038/US

6) The undersigned hereby grant(s) the firm of WALL, MARJAMA & BILINSKI the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United states Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date April 17, 1998 Name of Inventor Cukinisa (SEAL) Date April 17, 1998 Name of Inventor (SEAL) Date April 17, 1998 Name of Inventor Kangali Stibile (SEAL) Date _____ Name of Inventor ____ _(SEAL) Date ______ Name of Inventor _____ _(SEAL) Date ______ Name of Inventor _____ (SEAL) Date ______ Name of Inventor _____ _(SEAL) Date _____ Name of Inventor ____ (SEAL) This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here: Witness _____ Date_____ Witness ____