03-05-1999



DOCKET NO. 789\_015

	artment of Commerce  P76579  NTS ONLY		
To the Honorable Commissioner of Patents and Trademarks. Please	e record the attached original documents on hand thereof.		
Name of conveying party(ies)	2. Name and address of receiving party(ies):		
Hiroyuki Tsuji and Takao Ohnishi	Name: NGK Insulators, Ltd.		
Additional name(s) of conveying parties attached <u>✓</u> No	Address: 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-pref. 467,		
3. Nature of Conveyance:	JAPAN		
✓ Assignment Merger Security Agreement Change of Name Other	Additional name(s) attached? ✓ No		
Execution Date November 10, 1998	09/42,329		
4. Application number(s) or patent number(s)			
The execution date of this application was September 4, 1998.			
A. Patent Application No.(s) 09/142,329	B. Patent No.(s)		
Additional Num	bers attached?   ✓ No		
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of application and patents involved: 1		
Name: Stephen P. Burr	7. Total fee (37 CFR 3.4) \$40.00		
Address: WALL MARJAMA BILINSKI & BURR 101 South Salina Street, Suite 400 Syracuse, NY 13202 Telephone: (315) 425-9000	<ul> <li>Enclosed</li> <li>Authorized to charge any deficiency or credit any over payment</li> <li>Deposit Account No. 50-0289.</li> </ul>		
1/1998 PVOLPE F 366600019:091 1232925-9114 C:581 40.00 GP	8. Charge Deposit account		
DO NOT U	SE THIS SPACE		
9. Statement and Signature:			
To the best of my knowledge and belief, the foregoing inform original document.  Stephen P. Burn Reg. No. 32,970	ation is true and correct and any attached copy is a true copy of the  November 23, 1998  Date  Total Number of Pages Comprising Cover Sheet 1		
OMB NO 0651-0011(EXP. 4/94)			
	ACH THIS PORTION		
Mail documents to be recorded with required cover sheet information	to:		
BOX A	ATENTS AND TRADEMARKS SSIGNMENTS GTON D.C. 20231		

## ASSIGNMENT

Hironaki TCILIT

		(1) (3)			
		(2)Takao OHNISHI (6)			
(1-8)	Insert Name(s) of Inventor(s)	(3)(7)			
		(4) (8)			
		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			
(9)	Insert name of Assignee	(9) NGK INSULATORS, LTD.			
(10)	Insert address of Assignee	(10) 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREF. 467, JAPAN			
		(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			
(11)	Insert Identification of Invention, such as Title,	(11) OBJECT TRANSPORT APPARATUS			
	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			
(12)	Insert Date of Signing of Application	(12 onNovember 10, 1998			
(13)	Alternative identification	(13) U.S. application Serial Number 09/142,329			
	for filed applications	filedSeptember 4, 1998			

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

PATENT REEL: 9789 FRAME: 0988 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 November 10, 1998 Name of Inventor Huroyuki Haryuki Haryuki (SEAL)

Date	November 10, 1998	Name of Inventor_	Hiroyuki	Tsiyi	(SEAL)
Date .	November 10, 1998  November 10, 1998	Name of Inventor_	Takao	Oknishi	(SEAL)
					(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 if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date_	November 10, 1998	_ Witness	Goshio & manishi	
Date_	November 10, 1998	_ Witness	T. Hilagami	

**RECORDED: 11/27/1998** 

PATENT REEL: 9789 FRAME: 0989