10-27-1999



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APPENDIX B		DOCKET NO. 782_093	
Sorm PIO 198 REC	101183797 === CORDATION FORM COVER SHEET PATENTS ONLY	U.S. Department of Continent c	
To the Honorable Commissioner of Patents and	Trademarks. Please record the attached original	documents on hand thereof.	
1. Name of conveying party(ics)	2 Name and address of rece	iving party(ies):	
Tatsuo Kawaguchi and Minoru Imae Additional name(s) of conveying parties atte	Address: 2-56, Suda-C	ors, Ltd. Cho. Mizuho-Ku, , Aichi-Prefecture, 467-8530	
3. Nature of Conveyance:	Japan		
Assignment Merge Security Agreement Chang Other	Additional name(s) attached?	✓ No	
Execution Date September 10, 1999.			
4 Application number(s) or patent number(s)			
If this document is being filed together with	a new application, the execution date of this ap	plication is	
A. Patent Application No.(s)	B. Patent No.(s)	B. Patent No.(s)	
19/375,132 filed August 10, ±999			
,	Additional Numbers attached? 💆 No		
5 Name and address of party to whom correspondence conferring this document should be mailed	ndence 6 Total number of application	and patents involved: <u>I</u>	
Name: Stephen P. Burr Address: WALL MARJAMA BILINSKI 101 South Salina Street, Suite 40 Syracuse, NY 13202 Telephone: (315) 425-9000 Facsimile: (315) 425-9114	& BURR 00 Enclosed	40.00 efficiency or credit any over payment to 89.	
	DO NOT USE THIS SPACE		
9 Statement and Signature: To the best of my knowledge and belief, the fille original document. Stephen R Burr	foregoing information is true and correct and any	of attached copy is a true copy of attached copy is a true copy of October 15, 1999 Date	
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PATENT REEL: 010343 FRAME: 0921

ASSIGNMENT

		(1) Tatsuo KAWAGUCHI,	_ (5)	
		(2) <u>Minoru IMAEDA</u> ,	(6)	
(1-8)	Insert Name(s) of Inventor(s)	(3)	. (7)	
		(4)	(8)	
			lollar (\$1.00) and other good and valuable e undersigned, the undersigned agree(s) to transfer and set over to	
(9)	Insert name of Assignee	(9) NGK INSULATORS	S, LTD.	
(10)	Insert address of Assignee	(10) 2-56, Suda-Cho, Mizuho-Ku, Nagoya City, Aichi Pref., Japan		
		the United States, its territories,	ssignee) the entire right, title and interest for dependencies and possessions, in the invention, I any Letters Patent which may be granted therefor,	
(11)	Insert Identification of Invention, such as Title.	(11) A METHOD FOR PRODUC	ING AN OPTICAL WAVEGUIDE PART	
	Case Number or Foreign Application Number	(Case N	0)	
		for which the undersigned has (I United States of America	nave) executed an application for patent in the	
(12)	Insert Date of Signing of Application	(12 on		
(13)	Alternative identification for filed applications	(13) U.S. application Serial Num	nber09/375,132	
	TOT THE A APPRICATIONS	filed August 16, 1	999	

- 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 hereants

PATENT REEL: 010343 FRAME: 0922

In vitness whereof, executed	by the undersigned	t on the date(s) opposite the unders	igned name(s).
Data September 10, 1999	Name of Inventor	Tatruo Kamagushi Tatsuo KAWAGUCHI	(SEAL)
Date	Name of Inventor	Tacsuo KAWAGUCHI	(SEAL)
Date September 10, 1999	Name of Inventor	Minoru IMAEDA	(SEAL)
Date	Name of Inventor	Minoru IMAEDA	(SEAL)
Date	Name of Inventor	J	(SEAL)
Date	Name of Inventor)	(SEAL)
Date	Name of Invento		(SEAL)
Date	Name of Invento	T	(SEAL)
utside the U.S.A. If neither, then i	t should be signed b	e: (a) a Notary Public if within the U efore at least two witnesses who also	sign here:
Day Soptombor 10 1000	Witness	Sporte bolder	

RECORDED: 10/18/1999

6) The undersigned hereby grant(s) the firm of WALL, MARJAMA & BILINSKI the power to insert on this

PATENT REEL: 010343 FRAME: 0923