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1. Shoji ONO		1. 11/26/99	)	
2. Katsuhisa MURAKAMI		2. 11/26/99	)	
3. Masahiro FUNAHASHI		3. 11/26/99	)	
Receiving Party(ies)				
1. Name: NGK SPARK PLUG CO., LTD.			۱	<u>.</u> .
Address: No. 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, A	sichi, JAPAN	09	1458	51
Correspondent Name and Address		Tel No.		
Name: ROSS F. HUNT, JR.		Docket No.: I	<sup>2</sup> 06584U	JS0/.
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PATENT

**REEL: 010459 FRAME: 0374** 

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS,
(1) Shoji ONO
(2) Katsuhisa MURAKAMI
(3) Masahiro FUNAHASHI
(4)
(5)
(6)
residing respectively at
(1) Daiichi Nichimori Heights 2-J, 1494-1 Enza-cho, Ise-shi, Mie, Japan
(2) Daiichi Nichimori Heights 2-C, 1494-1 Enza-cho, Ise-shi, Mie, Japan
(3) 232-13, Nakano-cho, Ise-shi, Mie, Japan
(4)
(5)
(6)
(hereinafter referred to as the "ASSIGNOR") has/have invented
certain new and useful improvements in
DIECLECTRIC FILTER WITH ADJUSTABLE FREQUENCY BANDWIDTH
for which ASSIGNOR has
[ ] executed on even date herewith
[ x ] executed on26th November, 19_99
[ ] filed on, 19
an application for Letters Patent of the United States of
America, Serial No
And WHEREAS NGK SPARK PLUG CO., LTD.
a company organized under the laws of
and having a principal place of business at No. 14-18, Takatsuji-
cho, Mizuho-ku, Nagoya-shi, Aichi, Japan
(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof.  NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the
receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto

Ι,

PATENT REEL: 010459 FRAME: 0375 the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

	1/2 22
(1)	Signature: theji bro
	Name: Shoji ONO
	Date: Nov. 26, 1999
(2)	Signature: Katsuhira Mursham
	Name: Katsuhisa MURAKAMI
	Date: Nov. 26 . 1999
(3)	Signature: masshiro Funahashi
	Name: Masahiro FUNAHASHI
	Date: Nov. 26, 1999
(4)	Signature:
	Name:
	Date:
(5)	Signature:
	Name:
	Date:
(6)	Signature:
	Name:
	Date:

RECORDED: 12/10/1999

PATENT REEL: 010459 FRAME: 0376