	27 JUN	1998 Cert. N	<b>9.9 1 0 0 0</b>	B BETUR	103	
VED 6-22-48	RECC		)-1998	EET	U.S. DEPARTMENT OF COMMERCE	
Rev. 6-93) DMB No. 0651-0911 (exp. 4/94)	neoc		a asti üsöt sääti äätes att tüät		Patent and Trademark Office	
Tab settings ⇔ ⇔ ⇔ ▼	▼			▼	<b>v v</b>	
To the Honorable Commiss	sioner of Pater	1008	64706	ed original	documents or copy thereof.	
1. Name of conveying party(ie:	s):		2. Name and	d address of rec	eiving party(ies)	
Osamu Yaguchi			Name:	KABUSHIKI	KAISHA RIKEN	
Additional name(s) of conveying party	(ies) attached? 🗅	Yes	Internal A	ddress:		
3. Nature of conveyance:						
Assignment	Assignment D Merger			Street Address: 13-5 Kudankita 1-chome		
Security Agreement     Change of Name			Chiyoda-ku			
Other			City:	City: Tokyo State: ZIP:		
			Country:			
Execution Date: June 12, 1998			Additional name(s) & address(es) attached?  Yes No			
If this document is being filed together with a new application A. Patent Application No.(s) 09/091564						
A. Patent Application No.(s			B. Paten		Callon 13	
A. Patent Application No.(s	564	Additional numbers a	B. Paten			
A. Patent Application No.(s	564 to whom corres		B. Paten	No.(s)	ns and patents involved:	
<ul> <li>A. Patent Application No.(s</li> <li>A.</li></ul>	564 to whom corres d be mailed:	spondence	B. Paten	t No.(s)	ns and patents involved:	
<ul> <li>A. Patent Application No.(s</li> <li>A. Patent Application No.(s</li> <li>A. Patent Application No.(s</li> <li>C. Name and address of party to concerning document should Howard M.</li> </ul>	564 to whom corres d be mailed: Bollinge	spondence er	B. Paten ttached? I Yet	t No.(s) No ber of application (37 CFR 3.41)		
<ul> <li>A. Patent Application No.(s OQ/OQU</li> <li>5. Name and address of party to concerning document should Howard M. Name:</li> </ul>	564 to whom corres d be mailed: Bollinge	spondence er	B. Paten ttached? • Yes 6. Total num 7. Total fee Enclos	t No.(s) ber of application (37 CFR 3.41)	ns and patents involved:	
<ul> <li>A. Patent Application No.(s</li> <li>A. Patent Application No.(s</li> <li>A. Patent Application No.(s</li> <li>C. Name and address of party for concerning document should concerning document should Howard M.</li> <li>Name:</li></ul>	564 to whom corres d be mailed: Bollinge	spondence	B. Paten ttached? I Yes ( 6. Total num 7. Total fee Denclos	t No.(s) ber of application (37 CFR 3.41)	is and patents involved: $1$	
A. Patent Application No.(s QQ/QQL 5. Name and address of party to concerning document should Howard M. Name:	564 to whom corres d be mailed: Bollinge mer Stree	spondence	B. Paten ttached? I Yet A 6. Total num 7. Total fee Denclos I Autho 8. Deposit au	t No.(s) No ber of application (37 CFR 3.41) sed rized to be charg ccount number:	is and patents involved: $1$	
A. Patent Application No.(s QQ/QQL 5. Name and address of party to concerning document should Howard M. Name:	564 to whom corres d be mailed: Bollinge mer Stree	er et ZIP: 06901	B. Paten ttached? I Yet A 6. Total num 7. Total fee Denclos I Autho 8. Deposit au	t No.(s) No ber of application (37 CFR 3.41) sed rized to be charg ccount number:	This and patents involved: $1$	
A. Patent Application No.(s QQ/QQ11 5. Name and address of party to concerning document should Howard M. Name:	564 to whom corres d be mailed: Bollinge mer Stree tate:	spondence er et ZIP: 06901 DO NOT US	B. Paten ttached? I Yet () 6. Total num 7. Total fee () Autho 8. Deposit au (Attach dupl 55 THIS SPACE	t No.(s) No ber of application (37 CFR 3.41) sed rized to be charged ccount number: icate copy of this pa	This and patents involved: $1$	
A. Patent Application No.(s QQ/QQ11 5. Name and address of party to concerning document should Name:	564 to whom corres d be mailed: Bollinge mer Stree tate:	er er et vip: 06901 Do not us e foregoing inform	B. Paten ttached? I Yet () 6. Total num 7. Total fee () Autho 8. Deposit au (Attach dupl 55 THIS SPACE	t No.(s) No ber of application (37 CFR 3.41) sed rized to be charged count number: icate copy of this pa correct and any	This and patents involved: $1$ $\frac{40.00 \textbf{\textit{E}}}{}$ ged to deposit account uge if paying by deposit account)	

## ASSIGNMENT

Attorneys'

File No.

1339.023

Whereas I, Osamu Yaguchi

residing at 1-12, Kasuga 1-chome, Kashiwazaki-shi, Niigata-ken, Japan

have made certain inventions or discoveries (or both single an application for Letters Patent of the United States of America entitled

PYRO-SENSOR

which application was executed by me and is identified by Messrs. Parmelee, Bollinger & Bramblett's file number

and whereas KABUSHIKI KAISHA RIKEN of 13-5, Kudankita 1-chome, Chiyoda-ku, Tokyo, Japan

together with its successors and assigns (hereinafter called "Assignee"), is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee:

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries in the United States of America, including said application for Letters Patent of the United States of America, all divisional, renewal, substitute and continuation applications based in whole or in part upon said inventions or discoveries in said application, and any and all Letters Patent and reissues and extensions of Letters Patent granted in the United States of America for said inventions and discoveries in said application;

2. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

3. Warrant that I have not knowingly conveyed to others any right in said inventions or discoveries in the United States of America, or any rights in said application or patent or any license to use the same or to make, use or sell anything in the United States of America embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance; and

4. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent application and the said Letters Patent shall be held and enjoyed by Assignee, in the United States of America, as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives, if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and

PATENT REEL: 9541 FRAME: 0449 lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

Date June 12, 1998

Assignor <u>Asamu</u> Jaguchi Osamu Yaguchi

Date June 12, 1998

Witness <u>Masaru Tsuch'ya</u> Masaru Tsuchiya