09-25-2002



FORM PTO-1596 R 1-31-92	10222000	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Docket No.: 50353-601	102232603	
To the Honorable Commissioner for Patents and  1. Name of Conveying Party(ies):	2. Name and address of red	
Yasushi NAKAJIMA, Masaki HIROTA		OR CO., LTD.
09/18/00	Address: 2, Takara-cho,	
Additional name(s) of conveying party(ies) attached?		
3. Nature of Conveyance:	Kanagawa 221	-0023, JAPAN
		D =
☐ Security Agreement ☐ Change of	of Name	
Other		
Execution Date: August 27, 2002		( )
A A distinction with the control of	Additional name(s) & addre	ess(es) attached?
4. Application number(s) or patent number(s):  If the document is being filed together with a new a	annlication, the execution data of the anni	ication is: August 27, 2002
A. Patent Application No(s).	B. Patent No(s).	Regust 27, 2002
	B. Tatem No(s).	
	itional numbers attached?  Yes	
5. Name and address of party to whom correspondence	6. Total number of applica	tions and patents involved:
concerning document should be mailed:		
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41)	\$40.00
Internal Address:	Enclosed	14 . 1
Court Address COO 12th Court N.W.	_	arged to deposit account
Street Address: 600 13 <sup>th</sup> Street, N.W.	8. Deposit account number 500417	:
City: Washington State: DC Zip:		
City. Washington State. DC 25p.	20003	
	DO NOT USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the fo	oregoing information is true and correct	and any attached copy is a true copy
of the original document.	2 2	
Robert L. Price, 22,685	Robert I frise	September 18, 2002
Name and Registration No. of Person Signing	Signature	Date
	Total number of pages comp	rising cover sheet:
CMB No. 0851-0011 (exp. 4/94)		
-		

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> **PATENT REEL: 013313 FRAME: 0214**

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name	ar	ıd
addre	SS	of
assigr	nee	•

NISSAN MOTOR CO., LTD. 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

RADIATION-ABSORBING LAYERS FOR THERMOPILE RADIATION DETECTORS

as set forth in his/her United States Patent Application

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(	X )	executed concurrently herewith
(	)	executed on
(	)	Serial No Filed

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention: United States for said invention;

Each of the undersigned hereby grants the firm of McDermott, Will & Emery the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for

recordation of this Assignment.

RECORDED: 09/18/2002

names and signatures	Yasushi Nakajima Name: Yasushi Nakajima	date <u>8/57/200</u> 2	Name: Masaki Hirota	date <u>8/2*1/20</u> 2
nventors	Name:	_date	Name:	_date

PATENT REEL: 013313 FRAME: 0215