LETTER

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102236	815 Attorney Docket No.: 81784.0264			
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.				
Name of conveying party(ies): Akira TSUKIHASHI Michiyoshi SAWADA	2. Name and address of receiving party(ies): SANYO ELECTRIC CO., LTD. 5-5, Keihan-Hondori 2-Chome Moriguchi-shi, Osaka, Japan			
Additional name(s) of conveying party(ies) attached? Yes No				
3. Nature of conveyance:	10 9 7			
Execution Date: September 19, 2002				
	Additional name(s) & address(es) attached? ☐ Yes ☒ No			
Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution date of the application is: September 19, 2002				
A. Patent Application No.(s) N/A	B. Patent No.(s) N/A			
Additional numbers attached? Yes No				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: [1]			
John P. Scherlacher, Esq. HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071	7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account			
	Deposit account number:			
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Anthony J. Orler Date: September 24, 2002				
OMB No. 0651-0011 (exp. 4/94)				
Mail documents to be recorded with required cover sheet information to:				
Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231				

ASSIGNMENT

			ASSIGNMENT		
(1-8)	Insert Name(s) of Invento	r(s) (1)	Akira TSUKIHASHI	(5)	
		(2)	Michiyoshi SAWADA	(6)	
		(3)		(7)	
		(4)		(8)	
			considerations paid to each assign, and hereby does assig		
(9)	Insert name of Assignee	1-7	SANYO ELECTRIC CO., LT	D.	
(10)	Insert state of Incorporation Assignee	• •	Japan	. ·	
(11)	Insert address of Assigne	e (11)	of 5-5, Keihan-Hondori (hereinafter designated as the interest in the invention known	i 2-chome, Moriguchi-shi, Osaka, Jaj Assignee) the entire worldwide right, title and as	pan
(12)	Insert identification of Investign as Title, Case Numb Foreign Application Numb	er or	for which the undersigned has	APPARATUS AND CONTROL METHOD THERE (have) executed an application for patent in the all patent applications in foreign countries of thereon.	OF
(13)	Insert Date of Signing of Application	(13)	on September 19, 200	2	
and d	continuing United States	and foreign a	execute all papers necessary i pplications for the above-ider ns as the Assignee may deem	n connection with any original, reissue, divisional ntified invention and also to execute separate necessary or expedient.	
•		ad agraals) ta	evecute all nanere necessary	n connection with any interference which may be	
declar possit	2) The undersign red concerning this applic ole in obtaining evidence a	ation or contin	nuation or division thereof and	to cooperate with the Assignee in every way	
	The undersign sary in connection with claments.	ned agree(s) ims or provisio	to execute all papers and do ns of the International Convent	ocuments and perform any act which may be tion for Protection of Industrial Property or similar	
United	4) The undersign I States patent to the Assig		perform all affirmative acts whi	ich may be necessary to obtain a grant of a valid	
thered	s Patents of the United S of to the said Assignee, as	itates resulting Assignee of	g from said application or any the entire interest, and hereby	Commissioner of Patents to issue any and all division or divisions or continuing applications covenants that he has (they have) full right to ecuted any agreement in conflict herewith.	
YANG LANG PETE MATT neces	RLACHER, Reg. No. 23,0 6, Reg. No. 38,690; ALFRE ELEY, Reg. No. 33,940; M RSON, Reg. No. 36,238; HEW G. DYOR, Reg. No. Sary or desirable in order	MO9; WILLIAM ED A. D'ANDR ICHAEL BYOI STEVEN K. D. 42,278, the to comply with	H. WRIGHT, Reg. No. 36,312 EA, JR., Reg. No. 27,752; WIL RICK, Reg. No. 34,131; CARC BARTON, Reg. No. 36,445; power to insert on this assig the rules of the United States	80; LOUIS A. MOK, Reg. No. 22,585; JOHN P. 2; DAVID LUBITZ, Reg. No. 38,229; WEI-NING LIAM J. KUBIDA, Reg. No. 29,664; STUART T. DL W. BURTON, Reg. No. 35,465; STEVEN C. SARAH S. O'ROURKE, Reg. No. 41,226; E. Inment any further identification which may be Patent and Trademark Office for recordation of	
Date:	September 19, 2002	Signature of Ir	ventor_ (Hein Ishk	drashi	•
Date:	September 19, 2002	Signature of Ir	ventor Michayeshi	zhashi Sqwada	
Date:		Signature of Ir	ventor		ı
Date:		Signature of Ir	ventor		

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