Form PTO-1595 1-3-92 03-19-2003

LETTER

U.S. DEPARTMENT OF COMMERCE
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NAME OF THE PROPERTY OF THE			
102393	685 Attorney Docket No.: 81707.0181		
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	Name and address of receiving party(ies):		
Takero FUKUDOME signed 2/21/03 Sazo TSURUDONO signed 2/21/03 Tohru HISAMATSU signed 2/25/03 Isao YURI signed 2/25/03	KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan		
Additional name(s) of conveying party(ies) attached?   Yes  No	and		
3. Nature of conveyance:	CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER INDUSTRY 1-6-1, Otemachi, Chiyoda-ku,		
☐ Assignment	Tokyo 100-8126 Japan		
Execution Date: February 21 and 25, 2003			
	Additional name(s) & address(es) attached?		
Application number(s) or patent number(s):	ution date of the application is:		
If this document is being filed together with a new application, the exec			
A. Patent Application No.(s) 10/330,023	B. Patent No.(s)		
Additional numbers attached? ☐ Yes ☒ No ☐ 🙃			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [ 1 ]		
Anthony J. Orler, Esq. HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900	7. Total fee (37 CFR 3.41) \$40.00		
Los Angeles, CA 90071	<ul> <li>☑ Enclosed</li> <li>☐ Authorized to be charged to deposit account</li> </ul>		
	8. Deposit account number:		
	50-1314		
	(Attach duplicate copy of this page if paying by deposit account)		
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Statement and signature.			
To the best of mytogowleads and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.			
Anthony J. Orier	Date: March 10, 2003		
OMB No. 0651-0011 (exp. 4/94)			
Mail documents to be recorded with equired cover sheet information to:			
718/2003 LMUELLER 00000146 10330023 Assistant Commissioner for Patents FC:8021 40.00 P Box Assignments Washington, D.C. 20231			
	,		

PATENT REEL: 013850 FRAME: 0549

Attorney Docket No.

## ASSIGNMENT

		ASSIGNMENT	
(1-8)	Insert Name(s) of Inventor(s	s) (1)Takero Fukudome (5)	
		(2) Sazo Tsurudono (6)	
		(3) Tohru Hisamatsu (7)	
		(4) Isao Yuri (8)	
(9) (10)	Insert name of Assignee Insert state of Incorporation	In consideration of the sum of one dollar (\$1.00) and other good and value considerations paid to each of the undersigned, the undersigned agree(s assign, and hereby does assign, transfer and set over to Kyocera Corporation and Central Research Institute of Electric (9) Fower Industry  of (10) both corporations of Japan	able ;) to
	Assignee Insert address of Assignee	6, Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan and 1-6-1, Otemachi, Chiyoda-ku, Tokyo 100-8126, Japan (11) of	
(11)	maert address of Assignee	(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as	
(12)	Insert identification of Inven such as Title, Case Numbel Foreign Application Numbe	r or for which the undersigned has (have) executed an application for patent in the	ie
(13)	Insert Date of Signing of Application	(13) on February 25, 2003	
	continuing United States ar	d agree(s) to execute all papers necessary in connection with any original, reissue, division nd foreign applications for the above-identified invention and also to execute separa ich applications as the Assignee may deem necessary or expedient.	nal ate
	red concerning this applicat	d agree(s) to execute all papers necessary in connection with any interference which may ion or continuation or division thereof and to cooperate with the Assignee in every w I going forward with such interference.	
		ed agree(s) to execute all papers and documents and perform any act which may ns or provisions of the International Convention for Protection of Industrial Property or sim	
Unite	The undersigned States patent to the Assign	d agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a va see.	əlid
there	rs Patents of the United Sta of to the said Assignee, as	ed hereby authorize(s) and request(s) the Commissioner of Patents to issue any and ates resulting from said application or any division or divisions or continuing application. Assignee of the entire interest, and hereby covenants that he has (they have) full right assigned, and that he has (they have) not executed any agreement in conflict herewith.	ons
YANG LANG PETE MAT neces	ERLACHER, Reg. No. 23,00 5, Reg. No. 38,690; ALFRED BLEY, Reg. No. 33,940; MIC ERSON, Reg. No. 36,238; FHEW G. DYOR, Reg. No. ssary or desirable in order to ocument.	appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN 19; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NID A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART CHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; 42,278, the power to insert on this assignment any further identification which may be comply with the rules of the United States Patent and Trademark Office for recordation	NG I T. I C. E. be
Date:	Feb. 21, 2003 Si	gnature of Inventor Takero Jukewlame	
Date:	Feb. 21, 2003 Si	ignature of Inventor Sazo Jauruzone	
Date:	<u>Feb. 25, 2003</u> Si	Ignature of Inventor John Hisamatsu	
Date	Feb. 25, 2003 s	gnature of Inventor Sao Juni	
Date	:s	ignature of Inventor	
Date	: s	signature of Inventor	

RECORDED: 03/17/2003

PATENT REEL: 013850 FRAME: 0550