Form PTO-1595 (Rev. 08/05)	10-31-2006
OMB No. 0651-0027 (exp. 6/30/2008)	

U.S. DEF	PARTMENT	OF COMM	ERCE
United States	Patent and	Trademark	Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies):	2. Name and address of receiving party(ies)			
Kurato Maeno	Name: OKI ELECTRIC INDUSTRY CO., LTD.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:			
3. Nature of conveyance/Execution Date(s):	7-12, Toranomon 1-chome,			
Execution Date(s): October 10, 2006	Minato-Ku, Tokyo			
X Assignment Merger Change of Name	JAPAN			
Security Agreement Joint Research Agreement	City:			
Government Interest Assignment	State:			
Executive Order 9424, Confirmatory License	Country: Zip:			
Other	Additional name(s) & address(es) Yes X No attached?			
4. Application or patent number(s):	his document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
This application				
Additional numbers attached?	Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Steven M. Rabin RABIN & BERDO, PC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Atty. Dkt.: KAN-170	X Authorized to be charged by credit card			
Street Address: 1101 14th St., NW	Authorized to be charged to deposit account			
Suite 500	Enclosed			
	None required (government interest not affecting title)			
City: Washington				
City: Washington State: DC Zip: 20005	8. Payment Information a. Credit Card Last 4 Numbers 5730			
Phone Number: (202) 371-8976	Expiration Date 04/30/08			
Fax Number: (202) 408-0924	b. Deposit Account Number			
Email Address: firm@rabinberdo.com	Authorized User Name			
9. Signature: Las Male	October 25, 2006			
Signature	Date			
Steven M. Rabin - 29,102	Total number of pages including cover sheet, attachments, and documents: 2			

10/26/2006 ZJUHAR1 00000020 115/05817 04 FC:8021

Name of Person Signing

Attorney Reference	
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT	
WHEREAS Kurato MAENO	
ereinafter referred to collectively as the assignor, has invented a certain improvement elating to	
the inventor(s) declaration for said application being executed concurrently with the execution of	this
nstrument; said application to be filed in the United States Patent and Trademark Office;] said application having been filed in the United States Patent and Trademark Office on,	
authorization being hereby given to the practitioners associated with	the
	rial
lo) the application serial number of said application when known;	
] said application having been filed under the Patent Cooperation Tre	eaty
n, serial No.), the United States of America being designated.	
AND WHEREAS Oki Electric Industry Co., Ltd.	
of 7-12, Toranomon 1-chome, Minato-ku, Tokyo 105-8460, Japan	
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in an	d to
aid application, including any and all divisions and continuations thereof, and in and to said invention my and all patents which may be granted therefor, including any and all renewals, reissues	and and
rolongations thereof;	aria
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good	and
aluable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledge	jed,
aid assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors	and
ssigns, the full and exclusive right, title and interest in and to said application, including any and livisions and continuations thereof, and in and to said invention and any and all patents which may	,all
ranted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and	said
essignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any	and
ll divisions and continuations thereof, and the said invention and any and alt patents which may be gran	nted
herefor, including any and all renewals, reissues and prolongations thereof, with all the rights, pow	ers,
privileges and advantages in anywise arising from or appertaining thereto, for and during the term or te	rms
of any and all such patents when granted, including any and all renewals, reissues and prolongations the core the use and benefit of said assignee, and said assignee's successors and assigns, in as ample	eoi,
peneficial a manner as the said assigner might or could have held and enjoyed the same, if this assignment	nent
nad not been made.	
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assign	ee's
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, include	gnit
any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to is	-6112
etters Patent on said application, and on any and all divisions and continuations thereof,	5 0 0
o said assignee, and said assignee's successors and assigns, in accordance herewith.	
AND Assignors hereby grant the following individuals the power to insert on this Assignment	any
urther identification which may be necessary or desirable in order to comply with the rules of the Ur	ited
States Patent and Trademark Office for recordation of this document:	
Rabin & Berdo, PC	
All practitioners at Customer Number 23995.	
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the	ime
he invention was made.	
EXECUTED, October 10, 2006	
EXECUTED, OCTOBER 10 , 2006	
WITNESS: 4/ Jii V. K. t. ASSIGNOR:	
WITNESS: イノルルルル ASSIGNOR:	

Rabin & Berdo, PC

RECORDED: 10/25/2006

PATENT REEL: 018469 FRAME: 0161

Name: Kurato MAENO