02-16-2006





RECORDATION F	FORM COVER SHEET		
PATENTS ONLY			
	ease record the attached documents or the new address(es) below		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
Norio TAKAHASHI	Name: Oki Electric Industry Co., Ltd.		
	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes			
3. Nature of conveyance/Execution Date(s):	Street Address: 7-12 Toranomon 1-chome		
Execution Date(s) 01/20/2006 Assignment Merger			
Security Agreement Change of Name	City: Minato-ku		
Joint Research Agreement	State: Tokyo		
Government Interest Assignment			
Executive Order 9424, Confirmatory License	Country: Japan Zip: 105-8460		
Other	Additional name(s) & address(es) attached? Yes		
A. Patent Application No.(s) 06 CNGUYEN2 00000016 11350745	B. Patent No.(s)		
06 CNGUYEN2 00000016 11350745	attached? ☐ Yes ✓ No		
06 CNGUYEN2 00000016 11350745			
06 CNGUYEN2 00000016 11350745 21 (40.00 0p) Additional numbers 5. Name and address to whom correspondence	attached?		
06 CNGUYEN2 00000016 11350745 21	attached? Yes No 6. Total number of applications and patents involved:		
06 CNGUYEN2 00000016 11350745 21	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
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06 CNGUYEN2 00000016 11350745 40.00 0p Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address:	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
06 CNGUYEN2 00000016 11350745 40.00 0p Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address:	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
06 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affectin 8. Payment Information a. Credit Card Last 4 Numbers		
06 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202 City: Alexandria	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affectin 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date		
O6 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202 City: Alexandria State: VA Zip: 22314	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
06 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202 City: Alexandria State: VA Zip: 22314 Phone Number: 703-684-9777	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
O6 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202 City: Alexandria State: VA Zip: 22314 Phone Number: 703-684-9777 Fax Number: 703-684-1390 Email Address: 9. Signature:	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
O6 CNGUYEN2 00000016 11350745 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: TAKEUCHI & KUBOTERA, LLP Internal Address: Street Address: 200 Daingerfield Road, Suite 202 City: Alexandria State: VA Zip: 22314 Phone Number: 703-684-9777 Fax Number: 703-684-1390 Email Address:	attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

n	Attorney Reference	B-0517K	
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT			
WHEREAS Norio TAKAHASHI			
nereinafter referred to collectively as the assignor, has invertelating to SEMICONDUCTOR PACKAGE			
X] the inventor(s) declaration for said application bein nstrument; said application to be filed in the United States] said application having been filed in the United States	Patent and Trademark Office		
authorization being hereby gi			
Kubotera, and Satoru Takeuchi of TAKEUCHI & KUBC Alexandria, VA 22314, to insert here in parentheses (A	OTERA, LLP, Suite 202, 200	Daingerfield Road	
application serial number of said application when known;	Application General (10.)		
] said application having been filed under the Patent Co	operation Treaty on		
Serial No.), the United S			
AND WHEREAS Oki Electric Industry Co., Ltd.			
Of 7-12 Toranomon 1-chome, M	inato-ku, Tokyo, Japan		
hereinafter referred to as the assignee, is desirous of a			
said application, including any and all divisions and conti			
any and all patents which may be granted therefor,	, including any and all ren	ewals, reissues and	
orolongations thereof;			
NOW THIS WITNESSETH, that for and in consider	ration of One Dollar (\$1.00),	and other good and	
valuable consideration paid by said assignee to said assig			
said assignor hereby assigns, sells and transfers to sai			
assigns, the full and exclusive right, title and interest in an	d to said application, including	any and all divisions	
and continuations thereof, and in and to said invention and	d any and all patents which ma	ay be granted therefor,	
ncluding any and all renewals, reissues and prolongat	ions thereof; said assignee,	and said assignee's	
successors and assigns, to have, hold, exercise and enjoy			
and continuations thereof, and the said invention and ar			
ncluding any and all renewals, reissues and prolongations			
advantages in anywise arising from or appertaining there			
such patents when granted, including any and all renewa	ils, reissues and prolongation	s thereof, for the use	
and benefit of said assignee, and said assignee's succe	essors and assigns, in as an	nple and beneficial a	
manner as the said assignor might or could have held and	i enjoyed the same, if this assi	gnment had not been	
nade.			
AND said assignor hereby agrees to perform, upo			
successors or assigns, any and all acts relating to the obt	laining or to the asserting of s	aid patents, including	
any and all renewals, reissues and prolongations thereof.			
AND said assignor authorizes and requests the C	ommissioner of Patents and	I rademarks to issue	
etters Patent on said application, and on any and all divis	ions and continuations thereof	Γ,	
o said assignee, and said assignee's successors and assi	igns, in accordance nerewith.		

EXECUTED, $\frac{X}{January}$ 20 $\frac{X}{J}$, 2006.

Signature: X Masahiko Satoy X Signature: Y horio Tahahashi Y

ASSIGNOR:

Name: Norio TAKAHASHI

TAKEUCHI & KUBOTERA, LLP

RECORDED: 02/10/2006

WITNESS:

PATENT REEL: 017557 FRAME: 0306