10-24-2005



U.S. DEPARTMENT OF COMMERCE

COVER SHEET U.S. Patent and Trademark Office PATENTS ONLY Docket No. 031794-43 s and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party: 2. Name and address of receiving party(ies) (1) Osamu KUROKI Name: Oki Electric Industry Co., Ltd. Street Address: 7-12, Toranomon 1-chome, State: Tokyo Zip: City: Minato-ku Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Country: Japan Postal Code: Assignment Merger Additional name(s) & address(es) attached? ☐ Yes ☒ No П Security Agreement ☐ Change of Name Other Execution Date(s): 1st Inventor: July 20, 2005 Application number(s) or patent number(s); If this document is being filed together with a new application, the filing date of the application is: Patent Application No.(s) B. Patent No.(s) 11/218,717 Additional numbers attached? ☐ Yes ☐ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Attorney Name: Donald R. Studebaker ☐ Enclosed Firm Name: Nixon Peabody LLP Authorized to be charged to deposit account Internal Address: Suite 900 8. Deposit account number: Street Address: 401 9th Street, N.W. 19-2380 (031794-43) City: Washington State: D.C. Zip: 20004-2128 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Donald R. Studebaker October 19, 2005 Name of Person Signing Date Total number of pages including cover sheet, attachments, and documents:

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W682900.1

PATENT REEL: 017102 FRAME: 0701

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHE	REAS Osamu KUROKI of c/o Ol	i Micro Design C	o., Ltd. 7083, Kihara, Kiyotake-cho,	
Miyazaki-gun, Miyazaki, Japan				
hereinafter referred to collectively as the assignor, has invented a certain improvement				
relating to DECODER OF SEMICONDUCTOR MEMORY DEVICE				
[] the inv	ventor(s) declaration for said applic	ation being ever	cuted concurrently with the execution of this	
[] the inventor(s) declaration for said application being executed concurrently with the execution of this				
fy looid on	instrument; said application to be filed in the United States Patent and Trademark Office;			
[x] said application having been filed in the United States Patent and Trademark Office on, September 6, 2005				
authorization being hereby given to my attorneys, Donald R. Studebaker of NIXON				
PEABODY LLP ,401 9th Street, NW, Suite 900, Washington, D.C. 20004-2128, to insert here in parentheses (Application Serial No. 11/218,717) the application serial number of said application when				
parentneses	s (Application Senai No. 11/218,717) the applica	tion serial number of said application when	
known;		D-4	· · · · · · · · · · · · · · · · · · ·	
[] said application having been filed under the Patent Cooperation Treaty on, Serial No.), the United States of America being designated.				
Serial No.)_	, tn	e United States o	of America being designated.	
AND W	HEREAS Oki Electric Industry C	'o Itd		
AILD II	of 7-12, Toranomon		ku Tokyo Japan	
hereinafter	referred to as the assignee is des	irous of acquirin	a the entire right title and interest in and to	
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and				
any and all patents which may be granted therefor, including any and all renewals, reissues and				
prolongations thereof;				
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and				
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged,				
said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and				
assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions				
and continuations thereof, and in and to said invention and any and all patents which may be granted therefor,				
including an	nv and all renewals, reissues and	prolongations th	nereof; said assignee, and said assignee's	
successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions				
and continuations thereof, and the said invention and any and all patents which may be granted therefor,				
including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and				
advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all				
such patents	s when granted, including any and a	all renewals, reis	sues and prolongations thereof, for the use	
and benefit	of said assignee, and said assigne	ee's successors	and assigns, in as ample and beneficial a	
manner as th	he said assignor might or could have	held and enjoye	ed the same, if this assignment had not been	
made.		, ,	,	
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's				
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including				
any and all renewals, reissues and prolongations thereof.				
AND	said assignor authorizes and reque	sts the Commis	sioner of Patents and Trademarks to issue	
Letters Patent on said application, and on any and all divisions and continuations thereof.				
to said assignee, and said assignee's successors and assigns, in accordance herewith.				
	EXECUTED, July	20, 2005		
	EXECUTED,		*	
WITNESS:		ASSIGNOR:		
	Satoshi Suzahi		0. 2/ 0:	
Signature: _	wyere	Signature: _	Osamu Kuroki	
	Satoshi SUZUKI	Name:	Osamu KUROKI	

NIXON PEABODY LLP

RECORDED: 10/09/2005

PATENT REEL: 017102 FRAME: 0702