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1. Name of conveying party(ies): 1.20-0 Mitsuhiko OGIHARA and Hiroyuki FUJIWARA	2. Name and address of receiving party(ies) Name: Oki Data Corporation Internal Address:			
Additional name(s) of conveying party(les) attached? 📮 Yes 😨	No Section 1			
3. Nature of conveyance:				
Assignment	Minato-ku, Tokyo 108, Japan			
Other				
Execution Date: November 17, 2003	City:State:Zip: Additional name(s) & address(es) attached?			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new A. Patent Application No.(s) 1071660	wapplication, the execution date of the application is Nov.17, B. Patent No.(s)			
Additional numbers attached? ☐ Yes ☒ No				
5. Name and address of party to whom correspond				
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$ 40			
Name: KANESAKA & TAKEUCHI				
Internal Address: Attn: Satoru Takeı	uchi 🔀 Enclosed			
	□ Authorized to be charged to deposit account			
Street Address: 1423 Powhatan Street	8. Deposit account number:			
City: VA Zip: 223	1 4 (Attach duplicate copy of this page if paying by deposit account)			
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9. 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. Satoru Takeuchi Takeuchi 11/26/30				
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PATENT REEL: 014728 FRAME: 0800

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS Mitsuhiko OGIHARA and Hiroyuki FUJIWARA
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; 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 my attorneys, Yusuke Takeuchi, Manabu Kanesaka, and Satoru Takeuchi of KANESAKA & TAKEUCHI, 1423 Powhatan Street Alexandria, VA 22314, to insert here in parentheses (Application Serial No.) the application serial number of said application having been filed under the Patent Cooperation Treaty on [] said application having been filed under the Patent Cooperation Treaty on
Serial No.), the United States of America being designated.
AND WHEREAS Oki Dara Corporation
of 11-22. Shibaura 4-chome, Minato-ku, Tokyo 108-8550, Japan
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 assigner, the receipt of which is hereby acknowledged, said assigner 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 any and all renewals, reissues and prolongations thereof; 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 when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assigner might or could have held and enjoyed the same, if this assignment had not been
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 requests the Commissioner 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.

ASSIGNOR:

Name: Mitsuhiko OGIHARA

Signature: Northirike Michitaryi Signature: Mitsuhike Ogihata

Attorney Reference _____BD305T

KANESAKA & TAKEUCHI

WITNESS:

EXECUTED, /1/17

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

	EXECUTED,	11/17	, 2003.
WITNESS:		ASSIGNOR:	·
Signature:	Yoshihibeo Michitary	Signature:	Hiroyuki Fujiwara Hiroyuki FUJIWARA
		Name:	Hiroyuki FUJIWARA
	EXECUTED,		, 2003.
WITNESS:		ASSIGNOR:	
Signature:		- ·- ·	
		Name:	
	EXECUTED,		, 2003.
WITNESS:		ASSIGNOR:	•
Signature:		Signature:	
		Name:	
	EXECUTED.	<u> </u>	, 2003.
WITNESS:		ASSIGNOR	
Signature:		Signature:	
		Name:	

KANESAKA & TAKEUCHI

RECORDED: 11/20/2003

PATENT REEL: 014728 FRAME: 0802