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Docket No.: L8462.04105

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U.S. DEPARTMENT OF COMMERCE

(Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03	Pate		Patent and T	ent and Trademark Office	
Tab settings → → → ▼	1026688	∩4 ▼	▼	▼	
To the Director of the United States Pate			ched original documents or copy	thereof.	
Name of conveying party(ies): Katsuji SATOMI Hironori AKAMATSU		Name: Matsushita	s of receiving party(ies): a Electric Industrial Co., Ltd.		
1		Internal Address:	1006, Oaza Kadoma, Kadoma	n-shi	
Additional names(s) of conveying party(ies)	☐ Yes 🛛 No	Osaka 571-0050, JA	PAN	323 323	
3. Nature of conveyance:				72	
☑ Assignment	Merger	Street Address:		9270 10/7	
☐ Security Agreement ☐	Change of Name				
☐ Other		City:	State: Z	<u>(</u> IP:	
Execution Date: February 2, 2004			ddress(es) attached?	⊠ No	
4. Application number(s) or patent number	rs(s): $10/772$ with a new application,	2323 the execution date of	the application is: February	, 2, 2004	
A. Patent Application No.(s)		B. Patent No			
A. Faterit Application No.(5)		D. I atentive	J.(5)		
02/11/2004 HMARZI1 00000036 10772323 02 FC:8021 40.00 OP	Additional numbers attac	ned? □ Yes 🛛 N	ło		
Name and address of party to whom co concerning document should be mailed	•	6. Total number of a	pplications and patents involv	red: 1	
Name: James E. Ledbetter		7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address: L8462.04105		Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
		☐ Authorized to	be charged to deposit accour	nt	
Street Address: Stevens, Davis, Millen	& Mosher, LLP	8. Deposit account n	umber:		
1615 L. Street, NW, Suite 850		19-4375			
City: Washington State:	DC ZIP: 20036	(Attach duplicate copy	of this page if paying by deposit ac	count)	
9. Statement and signature. To the best of my knowledge and belief of the original document. James E. Ledbetter, Reg. No. 28,732		: hullide	February 6, 200		
Name of Person Signing		Signature	Date		

USA ASSIGNMENT OF PATENT APPLICATION

(1)	Katsuji SATOMI
(2)	Hironori AKAMATSU
(3)	
(4)	
(5)	
	In consideration of the sum of one dollar (\$1.00) and other good and valuable ration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does transfer and set over to
(6)	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(6a)	of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050, JAPAN
(7)	
(7a)	of
	after designated as the Assignee) the entire rights, title and interest for the United States, itses, dependencies and possessions, and for the country of
(8) Letters	in the invention, and all applications for patent and any Patent which may be granted therefor, known as
(9)	Semiconductor Memory Device
()	(Case No)
	ch the undersigned has (have) executed on even date herewith an application for patent in ted States of America or, if not on even date, then has executed
(10)	on or has already filed
(11)	U.S. appln. Serial No, filed on
(12) assigne	The undersigned acknowledges an obligation of assignment of this invention to said e at the time the invention was made.

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining such evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the

PATENT REEL: 014967 FRAME: 0560

RECORDED: 02/06/2004