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To the Honorable Commissioner 10113900	To the Honorable Commissioner 101139680 attached original documents or copy thereof					
1. Name of conveying party(ies):	2. Name and address of receiving party(its).					
1) Yoichiro Miki 6) Hiroshi Miyaguchi	Name: Matsushita Electric Industrial Co., Ltd.,					
2) Masahiro Tani 7) Yuji Yaguchi	Internal Address:					
3) Kazuki Ninomiya 8) Tsuyoshi Akiyama	Street Address: 1006, Oaza Kadoma, Kadoma-shi					
4) Naoya Tokunaga 9) Kenya Adachi	City: Osaka State: JAPAN ZIP: 571-8501					
5) Kenta Sokawa	And					
i Additional name(s) of conveying party(ies) attached? YES NO	And Name: Texas Instruments Incorporated Internal Address: 7839 Churchill Way					
	Name: Texas Instruments Incorporated					
3 Nature of Conveyance:						
Assignment Merger	Street Address: Mail Station 3999					
Security Agreement Change of Name	City: Dallas State: Texas ZIP: 75251					
Correction of Assignment Recordation (previously recorded at Reel 9697, Frame 0562).	Additional name(s) & address(es) attached? YES NO					
Other						
Execution Date: November 5, 1998						
4 Application number(s) or patent number(s): 15 this document is being filed together with a new application.	eation the avacution data of the annihilation is:					
A. Patent Application Number(s) 09/165,785	B. Patent Number(s)					
21. I atem Application Number(3) 05/105,705	D. I wont i dinod(s)					
Additional number(s) attached? Tyes NO						
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1					
concerning document should be mailed:						
Name: Andrew L. Ney						
Andrews (A Address Debugg & Desertion	7. Total fee (37 CFR 3.41): \$ 40.00					
Internal Address: Ratner & Prestia	7. Total fee (37 CFR 3.41). 3 40.00 Enclosed					
Street Address: Suite 301, One Westlakes, Berwyn,	i IXI Enclosea					
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P.O. Box 980	Authorized to be charged to deposit account					
	Authorized to be charged to deposit account 8. Deposit account number: 18-0350					
P.O. Box 980	Authorized to be charged to deposit account					
P.O. Box 980 City. Valley Forge State: PA ZIP: 19482-0980	Authorized to be charged to deposit account 8. Deposit account number: 18-0350 (Attach duplicate copy of this page if paying by deposit account.)					
P.O. Box 980 City. Valley Forge State: PA ZIP: 19482-0980	Authorized to be charged to deposit account 8. Deposit account number: 18-0350					
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To the Honorable Commissioner of Pat

01-20-1999



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City: Valley Forge State: PA ZIP: 19482-0980	(Attach duplicate copy of this page if paying by deposit account.)
P.O. Box 980	8. Deposit account number: 18-0350
Street Address: Suite 301, One Westlakes, Berwyn,	Authorized to be charged to deposit account
	Enclosed
Internal Address: Ratner & Prestia	7. Total fee (37 CFR 3.41): \$ 40.00
Name: Andrew L. Nev	
concerning document should be mailed:	
5 Name and address of party to whom correspondence	6 Total number of applications and patents involved: 1
	C Tall be fall in the state involved t
Additional number(s) attached? 🔲 YES 🔯 NO	
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A Patent Application Number(s) 09/165,785	B. Patent Number(s)
4 Application number(s) or patent number(s):	eation, the execution date of the application is:
(Luciliation cumber(s) as natent number(s):	
Execution Date: November 5, 1998	
Cther Other	
proviously recorded at Reel, Frame).	Additional name(s) & address(es) attached? YES NO
Security Agreement Change of Name Correction of Assignment Recordation	
Assignment Merger Security Agreement Change of Name	City: Dallas State: Texas ZIP: 75251
3 Nature of Conveyance: 152 Assignment Merger	Street Address: 7839 Churchill Way
2. New 2. of Can rayanca:	Internal Address:
Additional name(s) on conveying party(les) attached? Tyes X NO	Name: Texas Instruments Incorporated
	And
5) Kenra Sokawa	
4) Naova Tokunoga 9) Kenya Adachi	City: Osaka State: JAPAN ZIP: 571-8501
3) Kazuki Ninomiya 8) Tsuyoshi Akiyama	Street Address: 1006, Oaza Kadoma, Kadoma-shi
(2) Masakiro Tan- 7) Yuji Yaguchi	Internal Address:
Name of conveying party(les). Yolchiro Miki 6) Hiroshi Miyaguchi	Name: Matsushita Electric Industrial Co., Ltd.,
Name of conveying party(les):	2. Name and address of receiving party(ies)
	3209



ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- Yoichiro MIKI; 2-28, Furuno-cho,
 Kawachinagano-shi, Osaka Japan
- 2. Masahiro TANI; 21-1-201, Horinouchi, Kaide-cho, Muko-shi, Kyoto Japan
- 3. Kazuki NINOMIYA; 19-8-201, Miyano-cho, Kadoma-shi, Osaka Japan
- 4. Naoya TOKUNAGA; 3-9-5, Terakatahondori, Moriguchi-shi, Osaka Japan
- 5. Kenta SOKAWA; 60-1-617, Yamanouekitamachi, Hirakata-shi, Osaka Japan
- 6. Hiroshi MIYAGUCHI; 4-29-11, Matsubara, Setagaya-ku, Tokyo Japan
- 7. Yuji YAGUCHI; 618, Mitsugi, Kasumigauramachi, Niihari-gun, Ibaragi-ken Japan
- 8. Tsuyoshi AKIYAMA; 28-34, Kasumigaokamachi, Tsuchiura-shi, Ibaragi-ken Japan
- 9. Kenya ADACHI; 3-9-17-702, Sakuramachi, Tsuchiura-shi, Ibaragi-ken Japan

Page 1 of 5

has invented and owns a certain invention entitled

MEMORY INTERFACE DEVICE AND MEMORY ADRESS GENERATION DEVICE

for which application for Letters Patent of the United States was filed on October 2, 1998, and assigned Serial No. 09/165,785, and

Whereas, the ASSIGNEE:

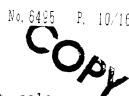
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

TEXAS INSTRUMENTS INCORPORATED 7839 Churchill Way Mail Station 3999 Dallas, TX 75251 USA

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

Page 2 of 5



ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this	5th	day of	November	, 1998.
L1172	J C 44	day or	1.0 , 0	, 1,,,,,



- 1. Yorkhiro Miki
 (Yoichiro MIKI)
- 2. Misshiro Jani
 (Masahiro TANI)
- 3. Kazuki Ninomiya
 (Kazuki NINOMIYA)
- 4. Naoya TOKUNAGA

 (Naoya TOKUNAGA)



- 5. Kenta Sokawa)
- 6. Thorn Miyagueni)
- 7. Vaji Yagachi
 (Yuji YAGUCHI)
- 8. Suyozski (Afrikana)
- 9. Longa Adichi
 (Kenya ADACHI)

Page 5 of 5