FORM PTO-1619A Expires 06/30/99 OMB 0651-0027



10-11-2001

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Conveying Party(ies)	Mark if additional names of	conveying partic	es attached Execution Date Month Day Year
Name (line 1) Hiroyuki ASAHI			08/03/2001
Name (line 2) 2-6-2-101, Ikegami, Nishi-ku, Kobe-sl Second Party Name (line 1) Isao OGAWA	hi, Hyogo 651-2111 Japan		Execution Date Month Day Year  08/03/2001
Name (line 1) Isao OGAWA  Name (line 2) 442, Yawatacho, Fushimi-ku, Kyoto-s	shi, Kyoto 612-8204 Japan		08/03/2001
Receiving Party	Mark if addi	tional names of r	eceiving parties attached
Name (line 1) MATSUSHITA ELECTRIC INDUST	TRIAL CO., LTD.		If document to be recorded is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment
<u> </u>			of a domestic
Address (line 1) 1006, Oaza Kadoma, Kadoma-shi			of a domestic representative is attached. (Designation must be a separate document from
Address (line 1) 1006, Oaza Kadoma, Kadoma-shi Address (line 2)			of a domestic representative is attached. (Designation must be a
Address (line 2)  Address (line 3) Osaka	Japan	571-8	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)	State/Country	571-8 Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City  Domestic Representative Name and A	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City  Domestic Representative Name and A  Name Michael K. Kelly	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City  Domestic Representative Name and A  Name Michael K. Kelly  Address (line 1) SNELL & WILMER, LLP	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City  Domestic Representative Name and A  Name Michael K. Kelly  Address (line 1) SNELL & WILMER, LLP  Address (line 2) One Arizona Center	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)  Address (line 3) Osaka  City  Domestic Representative Name and A  Name Michael K. Kelly  Address (line 1) SNELL & WILMER, LLP  Address (line 2) One Arizona Center  Address (line 3) 400 E. Van Buren Street	State/Country	Zip Co	of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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## Page 2

U.S. Department of Commerce Patent and Trademark Office

OMB 0651-0027	9 -	PATENT
Correspondent Name and Address	Area Code and Telephone Num	ber 602-382-6291
Name Michael K. Kelly		
Address (line 1) SNELL & WILMER, LLP		
Address (line 2) One Arizona Center		
Address (line 3) 400 E. Van Buren Street		
Address (line 4) Phoenix, AZ 85004-2202		
Pages Enter the total number of princluding any attachment	pages of the attached conveyance d s.	ocument # 5
Application Number(s) or Patent N	umber(s)	Mark if additional numbers attached
Patent Application Number or the Patent Application Number (s)  09/893,822  If this document is being filed together with a new Pasigned by the first named executing inventor.  Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned.  Number of Properties  Enter the to	etent Application, enter the date the patent app	Patent Number(s)
Method of Payment: En Deposit Account	unt for Properties Listed (37 CFR 3.4 closed  Deposit Account  Deposit Account Deposit Account Number:  Authorization to charge additional fe	.) # 19-2814
Statement and Signature		
To the best of my knowledge and	d belief, the foregoing information is the original document. Charges to describe the signature	true and correct and any eposit account are authorized, as  9/21/2001  Date

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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying F Enter additional	Party(ies) Mark if additional names of conveying parties attact  Conveying Parties	Execution Date
Name (line 1)	Youichi KAWABATA; 508 Wakore Shimosawa	Month Day Year 08/03/2001
Name (line 2)	6-1-29, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan	Execution Date Month Day Year
Name (line 1)	Hitomi FUJISAKI; 505 Wakore Shimosawa	08/03/2001
Name (line 2)	6-1-29, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan	Execution Date Month Day Year
Name (line 1)	Shinichiro MORISHITA	08/03/2001
Name (line 2)	A-101, Numatahaitsu, 561, Koyama, Tamatsucho, Kobe-shi, Hyogo 651-2144 Japan	
Receiving P	arty Mark if additional names of receiving	g parties attached
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a domestic
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Address (line 3)	City State/Country Zip Code	
Name (line 1)		If document to be recorded is an assignment and the
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Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Code	
Application	Number(s) or Patent Number(s) Mark if additional number	mbers attached
• •	ne Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same pr	
Pa	tent Application Number(s) Patent Number(	s)

PATENT REEL: 012226 FRAME: 0847

## **ASSIGNMENT**

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

- 1. Hiroyuki ASAHI; 2-6-2-101, Ikegami, Nishi-ku, Kobe-shi, Hyogo 651-2111 Japan
- 2. Isao OGAWA; 442, Yawatacho, Fushimi-ku, Kyoto-shi, Kyoto 612-8204 Japan
- 3. Youichi KAWABATA; 508 Wakore Shimosawa, 6-1-29, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan
- 4. Hitomi FUЛSAKI; 505 Wakore Shimosawa, 6-1-29, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan
- 5. Shinichiro MORISHITA; A-101 Numatahaitsu, 561, Koyama, Tamatsucho, Kobe-shi, Hyogo 651-2144 Japan

have invented and own a certain invention entitled:

MULTI-DISPLAY SYSTEM AND METHOD FOR MOVING WINDOWS IN MULTI-DISPLAY SYSTEM

for which application for Letters Patent of the United States was filed as U.S. Serial No. 09/893,822 on June 28, 2001; and

WHEREAS, the ASSIGNEE(S):

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

are 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 ASSIGNORS of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEES 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.

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

Kellym\PHX\1032616.1

PATENT REEL: 012226 FRAME: 0848 ASSIGNORS further covenant that ASSIGNEES will, upon their 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 ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEES or their 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

41-1-	224	4	` August	2001
this	oru.	day or	August	2001 .
		,		

1	Hiroyuki	Asahi
	(Hiroyuki ASA	AHI)

2. Jew Jawa (Isao OGAWA)

3. <u>Youchi Kawabata</u>
(Youichi KAWABATA)

4. Hitoni Fujisaci
(Hitomi FUJISAKI)

5. Shuichiro Marishita
(Shinichiro MORISHITA)

**RECORDED: 10/01/2001**