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



10-18-2001



U.S. Department of Commerce

**PATENT** 

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Name (line 1) Hidehito OKUDA			10/01/2001		
Name (line 2) 1-32-9, Minamikuzuha, Hirakata-shi, Second Party	Osaka 573-1105 Japan		Execution Date Month Day Year		
Name (line 1) Kazuyasu NAGATOMI			10/01/2001		
Name (line 2) 1-5-501, Namazemukogawacho, Nishi	nomiya-shi, Hyogo 669-1104 Ja	pan			
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Name Michael K. Kelly					
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Address (line 2) One Arizona Center					
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Address (line 4) Phoenix, AZ 85004-2202					
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Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance do	cument # 5
Application	Number(s) or Patent Nun	nber(s)	rk if additional numbers attached
Pa 09/875,592 If this document is	tent Application Number(s)	t Application, enter the date the patent applic	atent Number(s)
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	K. Kelly, Reg. No. 32,848 e of Person Signing	Signature	October 8, 2001  Date

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Name (line 1) Hiroki FUЛОКА	10/01/2001
Name (line 2) 4-25-3-101, Ikegami, Nishi-ku, Kobe-shi, Hyogo 651-2111 Japan	Execution Date  Month Day Year
Name (line 1) Hitomi FUJISAKI	10/01/2001
Name (line 2) 6-1-29-505, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan	Execution Date  Month Day Year
Name (line 1) Michiyo INAGAKI	10/01/2001
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Patent Application Number (s)  Patent Application Number (s)	ımber(s)

PATENT

**REEL: 012245 FRAME: 0826** 

## **ASSIGNMENT**

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

- Hidehito OKUDA; 1-32-9, Minamikuzuha, Hirakata-shi,
   Osaka, 573-1105 Japan
- 2. Kazuyasu NAGATOMI; 1-5-501, Namazemukogawacho, Nishinomiya-shi, Hyogo 669-1104 Japan
- 3. Hiroki FUЛОKA; 4-25-3-101, Ikegami, Nishi-ku, Kobe-shi, Hyogo 651-2111 Japan
- 4. Hitomi FUJISAKI; 6-1-29-505, Shimosawadori, Hyogo-ku, Kobe-shi, Hyogo 652-0047 Japan
- Michiyo INAGAKI; 2-5-5 Karibadai, Nishi-ku, Kobe-shi, Hyogo 651-2272 Japan

have invented and own a certain invention entitled:

DISPLAY SYSTEM, CURSOR POSITION INDICATION METHOD, AND RECORDING MEDIUM

for which application for Letters Patent of the United States was filed as U.S. Serial No. 09/875,592 on June 6, 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\1018405.1

PATENT REEL: 012245 FRAME: 0827 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

this 1st day of October, 200 |.

1. Hidehito Okuda (Hidehito OKUDA)

2. Kazuyasu Nagatoini
(Kazuyasu NAGATOMI)

3. Hiroki Fujioka (Hiroki FUЛОКА)

4. Hitemi Fujisaki (Hitemi FUJISAKI)

5. Michigo Krajuh (Michigo INAGAKI)

**RECORDED: 10/11/2001** 

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