

A/D 581-40

DT15 Rec'd 24 JAN 2005

FORM PTO-1595

RI

08-09-2005

U.S. DEPARTMENT OF COMMERCE

10-ME-20178  
Patent and Trademark Office

(Rev. 10/02)

Docket No.: 70456-071



To the Honorable Commissioner for Patent:

Original documents or copy thereto:

## 1. Name of Conveying Party(ies):

103057828

## receiving party(ies):

Yoshihiro HORI, Kenichiro TADA, Tatsuya HIRAI,  
Masafumi TSURU, Takayuki HASEBENames: 1. SANYO ELECTRIC CO., LTD. 2. PIONEER  
CORPORATION 3. HITACHI, LTD 4. PHOENIX  
TECHNOLOGIES K.K.  
5. FUJITSU LIMITEDAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Addresses: (1) 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677  
JAPAN (2) 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 JAPAN (3) 6-6,  
Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 JAPAN (4) Tokyo Ginko  
Kyokai Building 14th Floor, 3-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005  
JAPAN (5) 1-1, Kanikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588 JAPANExecution Date: December 4, 2004, November 17, 2004, November 29,  
2004, January 13, 2005, December 3, 2004 (respectively)Additional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the  
execution date of the application is:December 4, 2004, November 17, 2004, November 29, 2004, January  
13, 2005, December 3, 2004 (respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: MCDERMOTT WILL &amp; EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

1/28/2005 SNAJARRO 00000114 500417 10522176

Dis. EC:8021

40.00 DA

DO NOT USE THIS SPACE

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)

\$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

## 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.*

Stephen A. Becker, 26,527

January 24, 2005

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet:

11

OMB No. 0651-0027 (exp. 6/30/2005)

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Yoshihiro HORI</u>	(4) <u>Masafumi TSURU</u>
(2) <u>Kenichiro TADA</u>	(5) <u>Takayuki HASEBE</u>
(3) <u>Tatsuya HIRAI</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

1) Sanyo Electric Co., Ltd. of 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan;

2) PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 Japan;

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4) Phoenix Technologies K.K. of Tokyo Ginko Kyokai Building 14th Floor, 3-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan;

and

5) FUJITSU LIMITED of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

their successors and assigns (hereinafter designated "ASSIGNEES") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Data Storage Device Capable of Storing a Plurality of Items of History Information  
Relating to Input/Output Processing of Classified Data without Overlap

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on December 4, 2004; November 17, 2004; November 29, 2004; January 13, 2005;  
and December 3, 2004

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEES, for its interest as ASSIGNEES, their successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEES;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEES, their successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEES, their successors, assigns and legal representatives, deemed essential to ASSIGNEES' full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u><i>Yoshihiro Hori</i></u> Name: Yoshihiro HORI	<u>December 4, 2004</u>
2) _____ Name: Kenichiro TADA	_____
3) _____ Name: Tatsuya HIRAI	_____
4) _____ Name: Masafumi TSURU	_____
5) _____ Name: Takayuki HASEBE	_____
6) _____ Name: _____	_____

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1)	_____ Name: Yoshihiro HORI	_____
2)	_____ Name: Kenichiro TADA	November 17, 2004
3)	_____ Name: Tatsuya HIRAI	_____
4)	_____ Name: Masafumi TSURU	_____
5)	_____ Name: Takayuki HASEBE	_____
6)	_____ Name:	_____

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2)	_____ Name: Kenichiro TADA	_____
3)	<u>Tatsuya HIRAI</u> Name: Tatsuya HIRAI	<u>November 29, 2004</u>
4)	_____ Name: Masafumi TSURU	_____
5)	_____ Name: Takayuki HASEBE	_____
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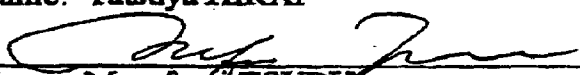
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	Name: Kenichiro TADA	
3)	_____	_____
	Name: Tatsuya HIRAI	
4)	 _____	January 13, 2005
	Name: Masafumi TSURU	
5)	_____	_____
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4)	_____	_____
	Name: Masafumi TSURU	
5)	<u>Takayuki Hasebe</u>	December 3, 2004
	Name: Takayuki HASEBE	
6)	<u>Takayuki Hasebe</u> T.H	_____
	Name: _____	