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Docket: JP920020071US1

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| Name of c | conveying party(ies): | 2. Name | and address of receiving party(ies) | : |
|---|--|---|---|--------------------|
| | abu Saikawa ofumi Yanase | Name | : Hitachi Global Storage Technologie Netherlands B.V. | S |
| | | Stre | et Address: Locatellikade 1 Parnassustoren 1076 AZ Amsterdam The Netherlands | |
| Additiona party(ies | al name(s) of conveying s) attachedYes XX No | Additional | name(s) & address(es) attached? | |
| Nature of | conveyance: | | OPR/FINANC | |
| XX Assiq | nment Execution Date: 6-17-0 | 03, 6-19-03 | | |
| Applicati | | | H & | |
| If this doc applicati | on is:nt Application No.(s) | with a new | application, the execution date of | |
| If this doc applicati | nument is being filed together ton is: | with a new B. Patent | application, the execution date of | |
| A. Pater 10/ | nt Application No.(s) | with a new B. Patent | application, the execution date of | the |
| A. Pater 10/ | address of party to whom address concerning document e mailed: Hitachi Global Storage Tech | with a new B. Patent ?Yes : | application, the execution date of No.(s) XX No 6. Total Number of applications involved: One 7. Total fee (37 CFR 3.41) | and pate. |
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| Name and corresponshould be Name: Internal Address: Street Address: | address of party to whom address concerning document a mailed: Hitachi Global Storage Tech Intellectual Property Law 5600 Cottle Road, Dept. NHG San Jose, California 95193 | with a new B. Patent ? Yes ? nologies 88/014-2, | application, the execution date of No.(s) (X No 6. Total Number of applications involved: One 7. Total fee (37 CFR 3.41) Enclosed XX Authorized to be charged deposit account 8. Deposit Account Number: 50-258 | and pate .\$ 40.00 |

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PATENT REEL: 014625 FRAME: 0451

DOCKET: JP920020071US1

ASSIGNMENT

Whereas, we

(1) 17 Jan 2003 (2)

INVENTOR AND CITY

- (1) Manabu Saikawa of Fujisawa-shi and of Kanagawa-ken, Japan;
- (2) Hirofumi Yanase of Fujisawa-shi and of Kanagawa-ken, Japan,

have invented certain improvements in

TITLE

DATA STORAGE DEVICE AND SERVO INFORMATION WRITING METHOD

DATES THAT INVENTORS SIGNED THE

and executed, respectively, a United States patent application therefore on

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 1076 AZ Amsterdam, The Netherlands (hereinafter called HITACHI), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

| CITY DATE | signed and sealed (1) at Tricana on 17 June .2003, | Manufu Salkana Manabu Salkawa | SIGNATURE INVENTOR |
|--------------|--|----------------------------------|-----------------------|
| CITY | (2) at | | SIGNATURE |
| DATE | on,2003, | Hirofumi Yanase | INVENTOR |

PATENT REEL: 014625 FRAME: 0452

DOCKET: JP920020071US1

ASSIGNMENT

Whereas, we

INVENTOR AND CITY

- (1) Manabu Saikawa of Fujisawa-shi and of Kanagawa-ken, Japan;
- (2) Hirofumi Yanase of Fujisawa-shi and of Kanagawa-ken, Japan,

have invented certain improvements in

(1) _____ (2) $\sqrt{9}$, $\sqrt{3}$ un, 2003

TITLE

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

| Signed | and | sealed |
|--------|-----|--------|
|--------|-----|--------|

RECORDED: 10/27/2003

| CITY | (1) at | | SIGNATURE |
|------|------------------------|------------------|-----------|
| ATE | on, 2003, | Manabu Saikawa | INVENTOR |
| CITY | (2) at <u>Fujisawa</u> | Idirofemi ganase | SIGNATURE |
| DATE | on 19, Jun, 2003, | Hirofumi Yanase | INVENTOR |

PATENT REEL: 014625 FRAME: 0453