

U.S. PTO  
29/370332  
07/01/2010

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

07-15-2010



103602044

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

**1. Name of conveying party(ies)**

Lester Clifford Anderson, John Lynn Harting, Stuart Allen Karten,  
Christopher LaBrutto, Andy Jason Logan, Glen Arthur Noda,  
Dennis Lynn Schroeder

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 6/30/2010, 7/1/2010

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Hitachi Global Storage Technologies Netherlands B.V.

Internal Address: \_\_\_\_\_

Street Address: Locatellikade 1, Parnassustoren

City: Amsterdam

State: \_\_\_\_\_

Country: Netherlands Zip: 1076 AZ

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John Henkhaus

Internal Address: Intellectual Property

Street Address: 3403 Yerba Buena Road

City: San Jose

State: CA Zip: 95135

Phone Number: (408) 717-8592

Fax Number: (408) 717-9976

Email Address: John.Henkhaus@hitachigst.com

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-2587

Authorized User Name John Henkhaus

**9. Signature:**

John D. Henkhaus  
Signature

July 1, 2010  
Date

John Henkhaus  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 024688 FRAME: 0399

# ASSIGNMENT FOR PATENT APPLICATION

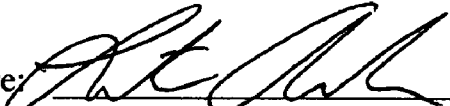

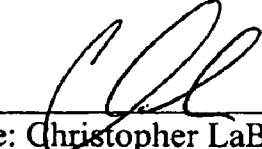
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

## EXTERNAL STORAGE DEVICE

Whereas, **Hitachi Global Storage Technologies Netherlands B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "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, I/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 on the date(s) indicated beside my (our) signature(s).

- 1) Signature:   
Typed Name: Lester Clifford ANDERSON Date: 4/30/10
- 2) Signature:   
Typed Name: John Lynn HARTING Date: 6/30/2010
- 3) Signature: \_\_\_\_\_  
Typed Name: Stuart Allan KARTEN Date: \_\_\_\_\_
- 4) Signature:   
Typed Name: Christopher LaBRUTTO Date: 6/30/2010
- 5) Signature: \_\_\_\_\_  
Typed Name: Andy Jason LOGAN Date: \_\_\_\_\_
- 6) Signature: \_\_\_\_\_  
Typed Name: Glen Arthur NODA Date: \_\_\_\_\_

7) Signature: \_\_\_\_\_  
Typed Name: Dennis Lynn SCHROEDER

Date: \_\_\_\_\_

# ASSIGNMENT FOR PATENT APPLICATION

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

## EXTERNAL STORAGE DEVICE

Whereas, **Hitachi Global Storage Technologies Netherlands B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "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, I/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 on the date(s) indicated beside my (our) signature(s).

1) Signature: \_\_\_\_\_  
Typed Name: Lester Clifford ANDERSON

Date: \_\_\_\_\_

2) Signature: \_\_\_\_\_  
Typed Name: John Lynn HARTING

Date: \_\_\_\_\_

3) Signature: \_\_\_\_\_  
Typed Name: Stuart Allan KARTEN

Date: 7/1/10

4) Signature: \_\_\_\_\_  
Typed Name: Christopher LaBRUTTO

Date: \_\_\_\_\_

5) Signature: \_\_\_\_\_  
Typed Name: Andy Jason LOGAN

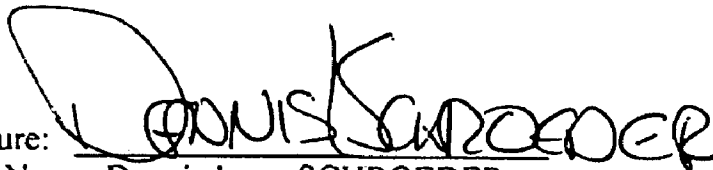
Date: 7/1/10

6) Signature: \_\_\_\_\_  
Typed Name: Glen Arthur NODA

Date: 7/1/10

7)

Signature:

A handwritten signature in black ink, appearing to read "DENNIS SCHROEDER". The signature is written in a cursive, somewhat stylized font. The first part of the signature, "DENNIS", is written in a more compact, blocky style, while "SCHROEDER" is written in a more flowing, cursive style.

Typed Name: Dennis Lynn SCHROEDER

Date:

1 JULY 10