

08-22-2000

C-008600 / Client Ref. HAL-ID 137



FORM PTO-1595
(Rev. 6-93)

101438491

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies):</p> <p>Kenji Yamagami</p> <p>Additional name(s) of conveying parties attached?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No.</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: Hitachi America, Ltd.</p> <p>Internal Address:</p> <p>Street Address: 2000 Sierra Point Parkway</p> <p>City: Brisbane State: CA ZIP: 94005</p> <p>Additional names and addresses attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other:</p> <p>Execution Date: June 23, 2000</p>	

JCS57 U.S. PTO
09/618202
07/18/00

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is: June 23, 2000

<p>A. Patent Application No(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes</p>	<p>B. Patent No(s):</p> <p><input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved 1</p>
<p>Name: Robert C. Colwell TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400</p>	<p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account</p> <p><input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.</p> <p>8. Deposit account number: 20-1430</p>

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

<p>Robert C. Colwell Name of Person Signing</p>	<p></p> <p>Signature</p>	<p>7/18/2000 Date</p>
<p>Atty Reg. No. 27,431</p>	<p>Total number of pages including cover sheet, attachments and document 24</p>	

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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08/22/2000 DNGUYEN 00000096 201430 09618202
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PATENT
REEL: 011004 FRAME: 0479

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Akira Yamamoto
Naoko Iwami
Masayuki Yamamoto

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

PA 3083729 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, the below-listed individuals, herein referred to as "Assignors," are the inventors of the invention described and set forth in the following application for United States Letters Patent:

Title of Invention: **Method and Apparatus for Encryption and Decryption in Remote Data Storage Systems**

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, **Hitachi America, Ltd.**, of 2000 Sierra Point Parkway, Brisbane, California 94005, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

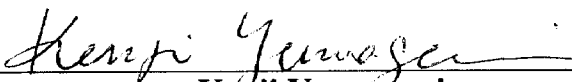
Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, to insert hereinabove the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Name and Address of Inventor 1:

Kenji Yamagami
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Los Gatos, California 95032



Kenji Yamagami

Date: 6/23/00

Name and Address of Inventor 2:

Akira Yamamoto
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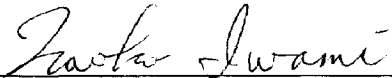


Akira Yamamoto

Date: 6/23/00

Name and Address of Inventor 3:

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Naoko Iwami

Date: 6/23/00

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Masayuki Yamamoto

Date: 6/23/00

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Akira Yamamoto
Naoko Iwami
Masayuki Yamamoto

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

PA 3083729 v1