

08-03-2007



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

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or the new address(es) below.	
Name of conveying party(ies) Sateshi NOMURA: Vurishi MINAMIYAMA: Johiro	2. Name and address of receiving party(ies) Name: GAC Corporation
Satoshi NOMURA; Yuuichi MINAMIYAMA; Ichiro FURIHATA; Kenji KUNO and Yasushi IWATA	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No Noture of conveyance/Execution Date(s):	Street Address: 1000, Toyoshina, Azumino-shi,
Execution Date(s)	City: Nagano
1	City. Nagario
· · · · · · · · · · · · · · · · · · ·	State: 75a: 200 0200
☐ Security Agreement ☐ Change of Name	State: Zip: 399-8286
Joint Research Agreement	Country
Government Interest Assignment	Country: JAPAN
Executive Order 9424, Confirmatory License	
Other Change Assignees' Address	Additional name(s) & address(es) attached? Yes No
	nis document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
	7,137,438
Additional numbers attached?	Yes 🛭 No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Customer No.: 27557	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Blank Rome LLP 600 New Hampshire Avenue, N.W.	☐ Enclosed
Washington, D.C. 20037	
Phone: 202-772-5800 Fax: 202-572-8398	☐ None required (government interest not affecting title)
Attorney Docket No.: 120736-00102	8. Deposit account number: 23-2185
	(Attach duplicate copy of this page if paying by deposit account)
9. Signature: Wishal O. White	July 31, 2007
Signature	Date
Michael D. White	Total number of pages including cover
Name of Person Signing	Sheet, attachments, and documents:

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, VA 22313-1450

120736.00102/35805570v.1

PATENT REEL: 019668 FRAME: 0782 Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE

	2004
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To the Director of the U.S. Patent and Trademark Office: Please recor	d the attached organizar documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s) Satoshi NOMURA; Yuuichi MINAMIYAMA; Ichiro FURIHATA; Kenji KUNO and Yasushi IWATA	2. Name and address of receiving party(ies) Name: GAC Corporation
	Internal Address:
Execution Date(s): June 24, 2004 Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 1000, Ohaza Toyoshina
3. Nature of conveyance:	Toyoshina-machi, Minamiazumi-gun
☐ Assignment ☐ Merger	City: Nagano
☐ Security Agreement ☐ Change of Name	State: Zip: 399-8286
☐ Government Interest Assignment	Country: Japan
☐ Executive Order 9424, Confirmatory License	
☐ Other	Additional name(s) of conveying party(ies) attached?
4. Application number(s) or patent number(s):	his document is being filed together with a new application
A. Patent Application No.(s) 10/499,678	B. Patent No.(s)
Title(s): STORAGE APPARATUS	Title(s):
,	
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address to whom correspondence	6. Total number of applications and 1
concerning document should be mailed:	patents involved:
Customer No.: 27557	7. Total fees (37 CFR 1.21(h)) \$ 40.00
Customer No.: 27557 Blank Rome LLP	
Blank Rome LLP 600 New Hampshire Avenue, N.W.	☐ Enclosed
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Blank Rome LLP 600 New Hampshire Avenue, N.W. Washington, D.C. 20037 Phone: 202-772-5800 Fax: 202-572-8398	 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ None required (government interest not affecting title)
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Blank Rome LLP 600 New Hampshire Avenue, N.W. Washington, D.C. 20037 Phone: 202-772-5800 Fax: 202-572-8398 Attorney Docket No.: 120736-00102	 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ None required (government interest not affecting title) 8. Deposit account number: 23-2185 (Attach duplicate copy of this page if paying by deposit account)
Blank Rome LLP 600 New Hampshire Avenue, N.W. Washington, D.C. 20037 Phone: 202-772-5800 Fax: 202-572-8398 Attorney Docket No.: 120736-00102 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing in	 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ None required (government interest not affecting title) 8. Deposit account number: 23-2185 (Attach duplicate copy of this page if paying by deposit account) THIS SPACE
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Blank Rome LLP 600 New Hampshire Avenue, N.W. Washington, D.C. 20037 Phone: 202-772-5800 Fax: 202-572-8398 Attorney Docket No.: 120736-00102 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing it is a true copy of the original document. Michael D. White	□ Enclosed □ Authorized to be charged to deposit account □ None required (government interest not affecting title) 8. Deposit account number: 23-2185 (Attach duplicate copy of this page if paying by deposit account) THIS SPACE Information is true and correct and any attached copy October 14, 2004

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

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Commissioner for Patents Alexandria, VA 22313-1450

REEL: 019668 FRAME: 0783

ASSIGNMENT

- Satoshi NOMURA (1)
- Yuuichi MINAMIYAMA

(1-4) Insert Name(s) of Inventor(s)

- (3)Ichiro FURIHATA
- (4) Kenji KUNO
- **(5)** Yasushi IWATA

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, transfer and set over to

- (5) Insert Name of (5) Assignee
- **GAC** Corporation

STORAGE APPARATUS

(6) Insert Address of (6) Assignee

1000, Ohaza Toyoshina, Toyoshina-machi, Minamiazumi-gun, Nagano 399-8286 Japan

(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

(7) (7) Insert Identification of

Invention, such as Title, Case # or For.

Appl. No.

for which the undersigned has (have) executed an application for patent in the United States of America

- June 24, 2004 for inventors (1), (4) and (5); June 28, 2004 for inventors (2) and (3).
- (8) Insert Date of (8) signing of application

and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Jun 28,2004 Signature of Inventor Satath Name (seal)

Date Jun 28,2004 Signature of Inventor Ichiro Furihata (seal)

Date Jun 24, 2004 Signature of Inventor Runic Runo (seal)

Date Jun 24, 2004 Signature of Inventor Yasushi Justa (seal)

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness

Akira Imai

Witness __

RECORDED: 07/31/2007

Akane Shirai