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Attorney Docket No. 16869N-200400US

03-21-2007

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To the Director of the U.S. Patent ar.	5293ocuments or the new address(es) below.			
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Additional name(s) of conveying party(ies) attached? X Yes X	Street Address: 6-6, Marunouchi 1-chome,			
3. Nature of conveyance/Execution Date(s):	Chiyoda-ku			
Execution Date(s) Inventor Komi 12/18/06	City: Tokyo			
Inventor Yoshida 12/19/06	Only. Tokyo			
∑ Assignment				
Security Agreement Change of Name	State:			
Joint Research Agreement	1			
Government Interest Assignment	Country: Japan Zip:			
Executive Order 9424, Confirmatory License	1			
Other	Additional name(s) & address(es) attached? Yes No			
A. Patent Application No.(s) 11/637,988 Additional numbers attached? Yes No				
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Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
5. Name and address to whom correspondence	6. Total number of applications and patents			
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5. Name and address to whom correspondence concerning document should be mailed: Name: George B. F. Yee	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 by credit card Authorized to be charged to deposit account			
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5. Name and address to whom correspondence concerning document should be mailed: Name: George B. F. Yee Internal Address: TOWNSEND AND TOWNSEND AND CREW LLP Street Address: Two Embarcadero Center, Eighth Floor City: San Francisco State: California Zip: 94111-3834 Phone Number: (415) 576-0200 Fax Number: (415) 576-0300 Email Address: gbfy@townsend.com 9. Signature:	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 by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 numbers Expiration Date b. Deposit Account Number 20-1430 Authorized User Name Townsend and Townsend and Crew LLP			
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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Susumu YOSHIDA

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

60998506 v1

PATENT REEL: 019057 FRAME: 0188 11/637,988

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Hitachi, Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

RECORDED: 03/16/2007

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Hironon Komi Hironori KOMI 2) Susumu YoShida Susumu YOSHIDA	Dec. 18.2006 Dec. 19.2006
3)	
4)	
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8)	
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PATENT REEL: 019057 FRAME: 0189