PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naohiro Suzuki	11/30/2009
Naoki Ikawa	11/30/2009

RECEIVING PARTY DATA

Name:	Hitachi, Ltd.	
Street Address:	6-6, Marunouchi 1-chome	
City:	Chiyoda-ku	
State/Country:	JAPAN	
Postal Code:	100-8220	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12631255	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 093704-0134

NAME OF SUBMITTER: William T. Ellis

Total Attachments: 2

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PATENT REEL: 023789 FRAME: 0560

FORM PTO-1595 (modified)	U.S. DEPARTMENT OF COMMERCE			
(Rev 6-93) RECORDATION FO	RM COVER SHEET Patent and Trademark Office			
PATENTS ONLY				
To the Director of the United States Patent and Trademark Office:	Please record the attached original documents or copies thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Hiroshi KODAKA				
	Hitachi, Ltd. 6-6 Marunouchi 1-chome,			
	Chiyoda-ku			
	Tokyo, Japan			
Additional conveying party(ies) NO				
Nature of conveyance: ASSIGNMENT				
Execution Date:				
November 27, 2009 4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached? NO			
If this is being filed together with a new application, the exe	cution date of the application is:			
A. Patent Application Number(s):	B. Patent Number(s):			
12/632,273				
Additional number 5. Name and address of party to whom correspondence	ers attached? NO			
concerning document should be mailed:	6. Total number of applications/patents involved: 1			
	7. Total fee (37 C.F.R. § 3.41): \$40.00			
William T. Ellis	Check Enclosed			
FOLEY & LARDNER LLP 3000 K Street, N.W.	X Authorized to be charged to credit card			
Suite 600	Authorized to be charged to deposit account			
Washington, D.C. 20007-5143	8. Payment Information			
	a. Credit Card Last 4 Numbers 0147			
	Expiration Date 11/30/2011 b. Deposit account number 19-0741			
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Statement and signature: To the best of my knowledge and belief, the foregoing	information is true and correct and any attached copy is a true			
copy of the original document. The Commissioner is hereby a	uthorized to charge any additional recordation fees which may			
be required in this matter to the above-identified deposit accou	1/14/15			
William T. Ellis	WY JAN 1/17/10			
Name of person signing	Signature Date			
Total number of rea	use including cover sheet attachments and documents.			
Total number of pages including cover sheet, attachments, and document: 2				

PATENT REEL: 023789 FRAME: 0561

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

BUDDY LIST GENERATION METHOD

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:

(INVENTOR(\$) 発明者フルネームサイン)	Date Signed (署名日)
1) Kiroshi	Kodoka	Nov. 27, 2009
2)		
8)		
9)		
(0)		

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RECORDED: 01/14/2010