

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Takeshi KATO</td><td>12/15/2008</td></tr><tr><td>Tadakatsu NAKAJIMA</td><td>12/18/2008</td></tr><tr><td>Tatsuya SAITO</td><td>12/15/2008</td></tr><tr><td>Jun OKITSU</td><td>12/15/2008</td></tr><tr><td>Yoko SHIGA</td><td>12/24/2008</td></tr><tr><td>Yoshio MIKI</td><td>12/15/2008</td></tr></tbody></table>	Name	Execution Date	Takeshi KATO	12/15/2008	Tadakatsu NAKAJIMA	12/18/2008	Tatsuya SAITO	12/15/2008	Jun OKITSU	12/15/2008	Yoko SHIGA	12/24/2008	Yoshio MIKI	12/15/2008	
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<table border="1"><tr><td>Name:</td><td>Hitachi, Ltd.</td></tr><tr><td>Street Address:</td><td>6-6, Marunouchi 1-chome, Chiyoda-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Hitachi, Ltd.	Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN							
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PROPERTY NUMBERS Total: 1															
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Application Number:	12352166														
CORRESPONDENCE DATA															
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NAME OF SUBMITTER:	Nora Colston														

OP \$40.00 12352166

500751666

PATENT
REEL: 022090 FRAME: 0988

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

OPERATIONS MANAGEMENT METHODS AND DEVICES THEREOF IN INFORMATION-PROCESSING SYSTEMS

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(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1)	<u>Takeshi Kato</u> (Takeshi KATO)	<u>12/15/2008</u>
2)	<u>Tadakatsu Nakajima</u> (Tadakatsu NAKAJIMA)	<u>12/18/2008</u>
3)	<u>Tatsuya Saito</u> (Tatsuya SAITO)	<u>12/15/2008</u>
4)	<u>Jun Okitsu</u> (Jun OKITSU)	<u>12/15/2008</u>
5)	<u>Yoko Shiga</u> (Yoko SHIGA)	<u>12/24/2008</u>
6)	<u>Yoshio Miki</u> (Yoshio MIKI)	<u>12/15/2008</u>
7)	<u></u>	<u></u>

PATENT

RECORDED: 01/12/2009

REEL: 022090 FRAME: 0990