

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shohei HATA	07/01/2009
Naoki MATSUSHIMA	07/02/2009
Toshiaki TAKAI	07/01/2009
Yukio SAKIGAWA	07/01/2009
Satoshi ARAI	07/01/2009
RECEIVING PARTY DATA	
Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12494890
CORRESPONDENCE DATA	
Fax Number:	(703)684-1157
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7036841120
Email:	sbrown@mmpiaw.com
Correspondent Name:	John R. Mattingly, Mattingly & Malur
Address Line 1:	1800 Diagonal Road
Address Line 2:	Suite 370
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	ASA-7174
NAME OF SUBMITTER:	John R. Mattingly
Total Attachments: 1	

CH \$40.00 12494890

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**PATENT
 REEL: 023226 FRAME: 0530**

