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SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi ABE	09/03/2008

RECEIVING PARTY DATA

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City:	City: Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12243030

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ATTORNEY DOCKET NUMBER: 09812.1450

NAME OF SUBMITTER: David W. Hill

Total Attachments: 1

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PATENT

REEL: 021616 FRAME: 0016

S08P1587US00 09812.1450 Docket Number:

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WHEREAS, I, as a below named inventor only one name is listed below) or a joint inventor (if plural SERVICE PROVISION SYSTEM AND COMMUNICATION.	, residing at the address stated next to my name, am a sole inventor (in names are listed below) of certain new and useful improvements in ON TERMINAL
for which application for Letters Patent of the United States and address;	of America was executed by me on the date indicated next to my name
Tokyo, Japan (nereinaner referenced as ASSIGNEE) is desiro	r any Letters Patent or similar legal protection which may be granted
the receipt and sufficience of which are hereby acknowledged hereby assign, sell and transfer unto the said ASSIGNEE, its interest in the said invention, said application, including any Patent of the United States, and countries foreign thereto, which rights and/or convention rights under the International Convention Relating to Patents, Designs and Industrial Models, and any adheres, and to any other benefits accruing or to accrue to m	e sum of One Dollar (\$1.00), and other good and valuable consideration, I, I, as a sole or joint inventor as indicated below, by these presents do successors, assigns, and legal representatives, the entire right, title and divisions and continuations thereof, and in and to any and all Letters the may be granted for said invention, and in and to any and all priority ion for the Protection of Industrial Property, Inter-American Convention other international agreements to which the United States of Americanse with respect to the filing of applications for patents or securing of hereby authorize and request the Commissioner of Patents to issue the ssignee of the whole right, title and interest thereto;
ASSIGNEE or its designee, as ASSIGNEE or its successors, a	able and lawful future documents, including assignments in favor of assigns and legal representatives may from time-to-time present to me said invention, modifications, and improvements in said invention, ries foreign thereto;
papers for application for foreign patents, for filing subdivisio	d without further remuneration, such necessary or desirable and lawful ons of said application for patent, and or, for obtaining any reissue or resaid invention, as the ASSIGNEE thereof shall hereafter require and
And I further agree that ASSIGNEE will, upon its re- relating to said application, said invention and said Letters Pa accessible to me and will testify as to the same in any interfer	equest, be provided promptly with all pertinent facts and documents tent and legal equivalents in foreign countries as may be known and ence or litigation related thereto;
And I hereby covenant that no assignment, sale, agree would conflict with this assignment and sale.	ment or encumbrance has been or will be made or entered into which
And I hereby authorize and request my attorney(s) of rais application in the spaces that follow: Serial Number:	record in this application to insert the serial number and filing date of
This assignment executed on the dates indicated below	•
Hiroshi ABE	
ame of first or sole inventor	Execution date of U.S. Patent Application
Tokyo, Japan esidence of first or sole inventor	
Hinoshi Abr	September 3, 2001
gnature of first or sole inventor	Date of this assignment

RECORDED: 10/01/2008

PATENT REEL: 021616 FRAME: 0017