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Atty Docket No.: 276644US6X FORM PTO-1595	10-17-200	5	48	U.S. DEPARTMENT OF COMMERCE
06-04 /			L'HAREMEN !	Patent and Trademark Office
To the Director of the United States I	103101243	3	ne attached original	documents or copy thereof.
1. Name of conveying party(ies):		2. Name	and address of receiving	g party(ies):
Shigeki WAKASA Jun OGISHIMA		Name:	FELICA NETWORK	•
Hiroaki BAN		Address:	Gate City Osaki West Shinagawa-ku, Tokyo	
Additional name(s) of conveying party(ies	s) attached? Yes No			
3. Nature of Conveyance:				
■ Assignment □ Merg □ Security Agreement □ Chan □ Other	ger age of Name			
Execution Date: September 26, 20, 20, 2005		Additional name(s) and address(es) attached? Yes No		
4. Application number(s) or patent number	r(s):			
'This document is being filed together	with a new application			
A. Patent Application No.(s) 11/199,221		B. Patent No.(s)		
	Additional numbers attache	ed? 🗆 Y	es No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total applications and patents involved: 1		
Customer Number		7. Total fee (37 CFR 3.41): \$40.00		
22850		■ Enclosed □ Authorized to be charged to deposit account		
Tel. (703) 413-3000 Fax. (703) 413-2220			it account number: 15	
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9. Statement and signature To the best of my knowledge and belief, to copy of the original document.			•	hed copy is a true
Bradley D. Lytle Name of Person Signing	Joseph Seag	ture	<u> </u>	CT 1 2005 Date
Registration Number: 40,073 Total	Joseph Sc Registration number of pages including	atetta, J No. 26,8 this cover	i. 303 sheet: 3	
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Mail documents to be recorded with requir			and an and Office	
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10/12/2005 SSITHIB1 00000059 11199221 01 FC:8021	0P)			

PATENT REEL: 017075 FRAME: 0780

Docket Number: 276644US6X

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

INFORMATION PROVIDING SYSTEM, INFORMATION PROVIDING APPARATUS, INFORMATION PROVIDING METHOD, PORTABLE TERMINAL, INFORMATION OUTPUTTING METHOD, AND COMPUTER PROGRAM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, FeliCa Networks, Inc., with offices at Gate City Osaki West Tower 1-11-1 Osaki Shinagawa-ku, Tokyo, 141-0032, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I bereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuncration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/199,221 Filing Date: August 9, 2005

This assignment executed on the dates indicated below.

Shigeki WAKASA			
Name of first or sole inventor	Execution date of U.S. Patent Application		
Kanagawa, Japan			
Residence of first or sole inventor			
Shigeki Wakasa Signature of first or sole inventor	26/Sep/2005		
Signature of first or sole inventor	Date of this assignment		

PATENT REEL: 017075 FRAME: 0781

Jun OGISHIMA			
Name of second inventor	Execution date of U.S. Patent Application		
Tokyo, Japan			
Residence of second inventor			
Jun Ozishina	September 20, 2005		
Signature of second inventor	Date of this assignment		
Hiroaki BAN			
Name of third inventor	Execution date of U.S. Patent Application		
Tokyo, Japan			
Residence of third inventor Ban	20/Sep/2005		
Cimpture of third inventor	Date of this assignment		

RECORDED: 10/11/2005

PATENT REEL: 017075 FRAME: 0782