To the Honorable Commissioner of Patenus and Liabertana 2 121. To the Honorable Commissioner of Patenus and Liabertana 2 121. Itached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Name: Michael W. Garvey	FORM PTO-1595 F 02-16-	1EE1 U.S. DEPARTMENT OF COMMERCE	
To the Honorable Commissioner of Patents and Tracement of Tabelta and Littached Original documents or copy thereof. 1. Name of conveying party(ies): Hisashi Takayama Additional number(s) of conveying party(ies) attached? □ Vec		Patent and Trademark Office	
Street Address: 1006, Oaza Kadoma Street Address: 1006, Oaza Kadoma	To the Honorable Commissioner of Patents and Trauemans.	2121	
Street Address: 1006, Oaza Kadoma Street Address: 1006, Oaza Kadoma	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Street Address: 1006. Oaza Kadoma City: Kadoma-shi State: Osaka Country: Japan Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No Additional number(s) of receiving party(ies) attached? I yes 8 No I 12904 U.S. PTO I 1/049482 Additional number(s) of receiving party(ies) attached? I yes 8 No I 12904 U.S. PTO I 1/049482 I 12904 U.S. PTO I 1/049482 Additional number(s) of receiving party(ies) attached? I yes 8 No I 12904 U.S. PTO I 1/049482 I 12904 U.S. PTO I 1/049482 Additional number(s) of receiving party(ies) attached? I yes 8 No I 12904 U.S. PTO I 1/049482 I 12904 U.S. PTO I 1/049482 I 2905 No	Hisashi Takayama 2,2	Name: Matsushita Electric Industrial Co., Ltd.	
3. Nature of Conveyance:	·	Street Address: 1006, Oaza Kadoma	
Additional name(s) of receiving party(ies) attached?		City: Kadoma-shi State: Osaka Country: Japan	
Geourity Agreement	<u> </u>	Zip: <u>571-8501</u>	
Under	<u> </u>	Additional name(s) of receiving party(ies) attached? ☐ Yes ☑ No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: January 28, 2005 A. Patent Application No.(s): B. Patent No.(s): 112904 U.S. PTO 11/049482 Additional number(s) attached? Pes No Co20205 5. Name and address of party to whom correspondence concerning this document should be mailed: Customer No.: 000,116 Name: Michael W. Garvey Street Address: 1801 East 9th Street Suite 1200 City: Cleveland State: OH Zip: 44114-3108 8. Deposit Account No. 16-0820, Order No. 37535 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cop is a true copy of the original document. Michael W. Garvey Name of Person Signing Signature Date			
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PATENT REEL: 016247 FRAME: 0701

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

SECURE DEVICE AND MOBILE TERMINAL WHICH CARRY OUT DATA EXCHANGE BETWEEN CARD APPLICATIONS

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 37535......

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, the refor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, p atent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

1

(1)	Inventor Name: Hisashi TAKAYAMA	
	Signature:	
	Today's Date: January 28, 2005	
	January 28, 2005 Date I signed Declaration:	
	Witness:	
	Witness:	
(2)	Inventor Name:	
	Signature:	
	Today's Date:	
	Date I signed Declaration:	
	Witness:	
	Witness	