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U.S. DEPARTMENT OF COMMERCE
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SHEET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yoshikazu Sugawara (10/24/2007), Naotaka Yasuda (10/24/2007), Takashi Kubo (10/24/2007), Kikuzo Sawada (10/24/2007), and Yuming Tang (10/24/2007)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Yoshikawa RF Systems Co., Ltd.

Internal Address: _____

Street Address: _____

Yoshikawa Bldg., 2-1-2, Ogura, Yahatahigashi-ku,

City Kitakyushu-shi

State: Fukuoka

Country: JAPAN Zip: 805-0059

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: James E. Armstrong, IV
EDWARDS ANGELL PALMER & DODGE
LLP

Internal Address: Atty. Dkt.: 69594(302729)

Street Address: P.O. Box 55874

City: Boston

State: MA Zip: 02205

Phone Number: (202) 478-7370

Fax Number: (202) 478-7380

Email Address: jarmstrong@eapdlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment information

a. Credit Card 11/06/2007 NJAMA1 00000045 041185 11976879
Last 4 Numbers 48 00 0A
Expiration Date 01 FC:0021

b. Deposit Account Number 04-1105
Authorized User Name James E. Armstrong, IV

9. Signature:

Signature
James E. Armstrong, IV 42,266
Name of Person Signing

October 29, 2007
Date

Total number of pages including cover sheet, attachments, and documents: 4

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 24th day of October, 2007, by Yoshikazu SUGAWARA; Naotaka YASUDA; Takashi KUBO; Kikuzo SAWADA; and Yuming TANG (hereinafter referred to as Assignor), residing at c/o YOSHIKAWA RF SYSTEMS Co., Ltd., Tokyo Head Office, Jyakurin 47 Bldg. 5F, 1-16-2, Kotobashi, Sumida-ku, Tokyo 130-0022 Japan;

WHEREAS, Assignor has invented certain new and useful improvements in DATA CARRIER AND DATA CARRIER SYSTEM set forth in a Patent application for Letters Patent of the United States, filed herewith or if not filed herewith, being earlier filed on _____ and having Serial No. _____; and

WHEREAS, YOSHIKAWA RF SYSTEMS Co., Ltd., a corporation organized under and pursuant to the laws of Japan having its principal place of business at Yoshikawa Bldg., 2-1-2, Ogura, Yahatahigashi-ku, Kitakyushu-shi, Fukuoka 805-0059 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all

papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

October 24, 2007
Date

Yoshikazu Sugawara
Name:Yoshikazu SUGAWARA

October 24, 2007
Date

Naotaka Yasuda
Name:Naotaka YASUDA

October 24, 2007

Date

Takashi Kubo

Name: Takashi KUBO

October 24, 2007

Date

Kikuzo Sawada

Name: Kikuzo SAWADA

October 24, 2007

Date

Yuming Tang

Name: Yuming TANG

Date

Name:

Date

Name:

Date

Name:

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