

03-16-2006



U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No. 500.45748X00

To the Honorable Commissioner:

103198013

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Makoto AIKAWA  
Yutaka TAKAMI  
Shinichiro FUKUSHIMA  
Masumi MORITANI  
Kazunori HASHIMOTO



2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Street Address: 6-6, Marunouchi 1-chome, Chiyoda-ku,  
Tokyo, Japan

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

3. Nature of conveyance/ Execution Date: 1/6/06; 1/12/06;  
1/6/06; 1/6/06; 1/11/06.

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other .

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

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/318,559

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800

City: ARLINGTON State: VA Zip 22209

Phone Number: (703) 312-6600

Facsimile Number: (703) 312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 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 Last 4 numbers: 1024  
Expiration date: 06/06

b. Deposit account number: 01-2135

Authorized User Name: Melvin Kraus

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Paul J. Skwierawski, Reg#32,173

Name of Person Signing

Signature

03/15/06

Date

Total number of pages including cover sheet, attachments, and document: **2**

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03/16/2006 HAL111 00000119 11318559

01 FC:8021

(40.00 DF)

PATENT  
REEL: 017667 FRAME: 0683

W2833-01  
(US)

ASSIGNMENT  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,  
a corporation organized under the laws of Japan,  
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,  
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,  
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RADIO FREQUENCY IDENTIFICATION (RFID) TAG, ~~MOBILE TERMINAL AND SERVER FOR~~  
~~RFID TAG~~ PORTABLE TERMINAL, AND SERVER FOR RFID TAG

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,  
to be held and enjoyed by said Hitachi, Ltd.,  
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Makoto Aikawa</u>	<u>1 / 6 / 06</u>
2) <u>Yutaka Takami</u>	<u>1 / 12 / 06</u>
3) <u>Shinichi Fukushima</u>	<u>1 / 6 / 06</u>
4) <u>Masumi Moritani</u>	<u>1 / 6 / 06</u>
5) <u>Kazunori Hashimoto</u>	<u>1 / 11 / 06</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT

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