U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) U.S. Patent and Trademark Office 103128613 Attorney Docket No. 566.44959X00 To the Director of the U.S. Patent and Todemark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Yasuko FUKUZAWA Name: HITACHI, LTD. Shuichi ISHIDA Eriko ANDO Susumu MATSUI Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance/Execution Date(s): Street Address: 6-6, Marunouchi 1-chome Execution Date(s) May 13, 13, 13, 16, 2005 Chiyoda-ku, Tokyo 100-8280 JAPAN ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License Other CORRECTED ASSIGNMENT – 4TH Inventor's last name had an error in it on previous Cover Sheet and Notice of Recordation. Additional name(s) & address(es) attached? ☐ Yes ☒ No Application or patent numbers(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent Registration No.(s) 11/090,168 Additional number(s) attached \(\bigcup \) Yes \(\bigcup \) No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)......\$40.00 Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Authorized to be charged by credit card Authorized to be charged to deposit account Internal Address: ☐ None required (government interest not affecting title) 1300 NORTH 17TH STREET - SUITE 1800 8. Payment Information City: ARLINGTON State: VA Zip 22209 a. Credit Card Last 4 Numbers_ Expiration Date ___ Phone Number: 703-312-6000 Fax Number: 703-312-6666 b. Deposit account number: 01-2135 Email Address: email@antonelli.com 11/28/2005 SZEWDIE1 00000010 11090168 Authorized User Name 01 FC:8021 40.00 OP DO NOT USE THIS SPACE 11/25/2005 Melvin Kraus, Reg#22,466 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. Patent and Trademark Office Attorney Docket No. 566.44959X00
To the Honorable Commissioner of F 1. Name of conveying party(les): Yasuko FUKUZAWA Shuichi ISHIDA Eriko ANDO Susumu MATSU Additional name(s) of conveying party(les) attacked yes No. 3. Nature of conveyance:	2. Name and address of receiving party(les) HITACHI, LTD., 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo 100-8280 JAPAN
	Additional name(s) & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s) 11/090,168, filed 3/28/2005	B. Patent Registration No.(s)
Additional number(s) att	
Additional number(s) att 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	ached Yes No 6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)
Name and address of party to whom correspondence concerning document should be malled:	6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41)\$40.00
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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 TH STREET – SUITE 1800 City: ARLINGTON State: VA Zip 22209 DO NOT USE 1 9. Statement and signature. To the best of my knowledge and belief, the foregoing info is a true copy of the original document. MELVIN KRAUS, Reg#22,466 Name of Person Signing	6. Total number of applications and patents involved ☐ 7. Total fee (37 CFR 3,41)\$40.00 ☑ Enclosed ☑ Authorized to be charged to deposit account 8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account) THIS SPACE

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PATENT REEL: 017279 FRAME: 0570

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 b Hitachi, Ltd.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku Tokyo, 100-8280 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

COMMON KEY SHARING METHOD AND WIRELESS COMMUNICATION TERMINAL IN AD HOC NETWORK

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 grant

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, substit

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:

RECORDED: 11/25/2005

	INVENTOR(S) (発明者フルネームサイン)	$\hat{\gamma}$	Date Signed (署名日)	\
1)_	Yasuko Fukuzawa (Yasuko FUKUZAWA)		May 13, 2005)
2)_	Shuichi Ishida (Shuichi ISHIDA)		(May 13, 2005)
3)_	Eriko Ando		(May 13, 2005)
4)_	(Eriko ANDO) Susumu Matsut (Susumu MATSUI))	(May 16, 2005)
5)_			-	
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PATENT REEL: 017279 FRAME: 0571