05-17-2005



cet No. 16869H-139300US

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET		
S/12/65 PATENTS ONLY		
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)	2. Name and address of receiving party(ies)	
Kozo SAKAWA	Hitachi Communication Technologies, Name: Inc.	
	Internal Address:	
	internal Address	
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 26-3, Minami Ooi 6-chome,	
3. Nature of conveyance/Execution Date(s):	Shinagawa-ku	
Execution Date(s) January 17, 2005	City: Tokyo	
Assignment Merger	10.1.j.	
Security Agreement Change of Name	State:	
Joint Research Agreement		
Government Interest Assignment	Country: Japan Zip:	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? 🔲 Yes 🔀 No	
4. Application or patent number(s): This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)	
11/040,870		
Additional numbers attached? Yes No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Robert C. Colwell	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address:	Authorized to be charged by credit card	
TOWNSEND AND TOWNSEND AND CREW LLP	Authorized to be charged to deposit account	
Street Address: Two Embarcadero Center,	Enclosed	
Eighth Floor	None required (government interest not affecting title)	
City: San Francisco	8. Payment Information	
State: California Zip: 94111-3834	a. Credit Card Last 4 numbers Expiration Date	
Phone Number: (415) 576-0200	b. Deposit Account Number 20-1430	
Fax Number: (415) 576-0300	Authorized User Name Townsend and	
Email Address: rcc@townsend.com	Townsend and Crew LLP	
9. Signature: W. W.	5/6/03	
Signature	Date	
Robert C. Colwell Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
. tallio of t oldon olgring		

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

05/16/2005 STON11 00000008 201430 11040870 01 FC:8021 40.00 DA

> **PATENT** REEL: 016557 FRAME: 0488

Form PTO-1595 Recordation Form Cover Sheet Patents Only Page 2

 Additional name(s) of conveying party(ies): (Continued from Page 1)

Masayoshi TATENO Isao HIGUMA

- 2. Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

60477584 v1

PATENT REEL: 016557 FRAME: 0489 川の40,870 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 Communication Technologies,Ltd. a corporation organized under the laws of Japan,

located at 26-3, Minami Ooi 6-chome, Shinagawa-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Communication Technologies, Ltd. its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

HANDOFF CONTROL METHOD, BASE STATION CONTROLLER, AND BASE TRANSCEIVER SUBSYSTEM

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 Communication Technologies,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 Communication Technologies,Ltd.

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

RECORDED: 05/12/2005

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Hozo Sakawa Maxayobhi Jateno Isao Higuma	Jan. 17, 2005
2)	Masayobhi Jateno	jan. 17, 2005
3)	Isao Higuma	Jan. 17, 2005
4)	V	
5)		
6)		_
7)		
8)		
9)		
10)		

PATENT REEL: 016557 FRAME: 0490