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To the Director of the U.S. Patent and Trademark Office.

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Name of conveying party(ies):

- (1) Dorin VIOREL
- (2) Wei-Peng CHEN
- (3) Jonathan AGRE
- (4) Chenxi ZHU

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name and	Address	OFF	ceiviria	Dartvi	162	١.

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, Japan

	Tanagawa 211 0000, Sapan		
3.	Nature of conveyance: X		
<u>Februa</u>	ry 7, 2008		
4.	Application number(s) or patent number(s): This document is being filed together with a new application.		
	OR This document is being filed after filing of the application: (a) Patent Application No(s). 12/036,475, filed February 25, 2008; or (b) Patent No(s)., issued.		
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1974.1022 Attention: Aaron C. Walker 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005		
6.	Total number of applications and patents involved:1		
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☐ Enclosed ☐ Authorized to be charged to deposit account.		
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)		
	/		

Aaron C. Walker, Reg. No. 59,921

Name of Person Signing

61 FL:8821

46.00 OF

Revised January, 2005

ASSIGNMENT

S&H 02/01

WHEREAS:

(FULL NAME(S) AND POST OFFICE ADDRESS(ES) (including country) OF INVENTOR(S)

> Dorin VIOREL 224 Schooner Cove NW, Calgary, AB, T3L1Z2 CANADA

Wei-Peng CHEN 444 Saratoga Ave. APT. 37C Santa Clara, CA 95050 USA

Jonathan AGRE 800 Brighton Knolls Drive Brinklow, MD 20862 USA

Chenxi ZHU 6 Graceland St. Gaithersburg, MD 20878 USA

(hereinafter, referred to as ASSIGNOR), has/have invented certain new and useful improvements in an invention entitled

(TITLE OF INVENTION)

METHOD OF GROUPING AND MAPPING TRANSMISSION STATIONS IN A WIRELESS NETWORK

<i>COMPLETE</i>	EITHER
(a) (b) (c) or (d))

\boxtimes	(a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;
	(b) for which an application for United States Letters Patent was executed on
	(c) for which an application for United States Letters Patent was filed on February 25, 2008, Serial No. 12/036,475. insa fell by Aaron C. Walker on 2/25/08 (d) for which United States Letters Patent No. has issued on has issued on

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b)-(d) the specified data, when known.

WHEREAS:

(FULL NAME AND ADDRESS (including country) OF ASSIGNEE (if a corporation, so state and identify state/country of corporation)

FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for valuable consideration furnished by ASSIGNEE to ASSIGNOR, sufficiency and receipt of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents and Trademark of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below;

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

INVI	ENTOR(S)	DATE SIGNED	WITNESS(ES)
1)	D.Wi	02/19/2008	t. Compron
, —	Dorin VIOREL	1	
2) _			
, —	Wei-Peng CHEN		
3)			
,	Jonathan AGRE		
4)			
	Chenxi ZHU		

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	(b) for which an application for United States Letters Patent was executed on
\boxtimes	(c) for which an application for United States Letters Patent was filed on February 25, 2008, Serial No. 12/036,475 inscribed by Aaron C. Walker on 2/25/08 Rev. No. 59,921
	(d) for which United States Letters Patent No. has issued on
	·

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IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below;

SIGNATURE(S)The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S)	<u>DATE SIGNED</u> <u>WITNESS(ES)</u>
1)	
Dorin VIOREL	
$\sim \sim $	February July
Wei-Peng CHEN	
3)	
Jonathan AGRE	
ł)	
Chenxi ZHU	

ASSIGNMENT

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\boxtimes	(c) for which an application for United States Letters Patent was filed on February 25, 2008, Serial No. 12/036,475. Inserted by Acron C. Walker on 2/15/08 (d) for which United States Letters Patent No.
	(d) for which United States Letters Patent No. has issued on [2]. No. 59, 92

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INVENTOR(S)	DATE SIGNED	WITNESS(ES)
1) Dorin VIOREL		
2) Wei-Peng CHEN		
3) Jonathan AGRE	February 5,2008	Siews Mociwa
4) Chenxi ZHU	2/7/08	Valeried andres

PATENT REEL: 020583 FRAME: 0073

RECORDED: 02/25/2008