PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jun ZHOU	03/07/2011
Linghang FAN	02/14/2011
Yuefeng ZHOU	02/09/2011
Tetsu IKEDA	02/15/2011

RECEIVING PARTY DATA

Name:	NEC EUROPE LTD	
Street Address:	KURFUERSTEN-ANLAGE 36	
City:	HEIDELBERG	
State/Country:	GERMANY	
Postal Code:	69115	

Name:	NEC CORPORATION	
Street Address:	7-1 SHIBA 5-CHROME, MINATO-KU	
City:	токуо	
State/Country:	JAPAN	
Postal Code:	108-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13062528

CORRESPONDENCE DATA

(703)685-0573 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

703-521-2297 Phone:

Email: jralls@young-thompson.com

Correspondent Name: Young & Thompson Address Line 1: 209 Madison, Suite 500

PATENT

REEL: 026257 FRAME: 0236

501526890

Address Line 4: Alexandria, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	4040-1029
NAME OF SUBMITTER:	Benoit Castel
Total Attachments: 4 source=ASSMT-1-4#page1.tif source=ASSMT-1-4#page2.tif source=ASSMT-1-4#page3.tif source=ASSMT-1-4#page4.tif	

PATENT REEL: 026257 FRAME: 0237

ASSIGNMENT

WHEREAS,

Jun ZHOU Linghang FAN Yuefeng ZHOU Tetsu IKEDA

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in FRACTIONAL FREQUENCY REUSE IN OFDMA

(a) for which an application for a United States patent was filed on March 7, 2011, Application No. 13/062,528 (b) for which an application for a United States patent was executed on

WHEREAS, 1) NEC EUROPE LTD and 2) NEC CORPORATION, whose address is 1) Kurfuersten-Anlage 36, 69115 Heidelberg, DE and 2) 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001, JP, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and
interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date 7/3/31/, (signature) Jun ZHOU,

Date (signature) Linghang FAN

Date (signature) Yuefeng ZHOU

Date (signature) Tetsu IKEDA

3

ASSIGNMENT

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Jun ZHOU Linghang FAN Yuefeng ZHOU Tetsu IKEDA

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Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date,	(signature) Jun ZHOU
Date 14 (02/2011,	(signature) Linghang FAN
Date,	(signature) Yuefeng ZHOU
Date,	(signature) Tetsu IKEDA

PATENT REEL: 026257 FRAME: 0239

Docket No. 4040-1029

WHEREAS,

ASSIGNMENT

Jun ZHOU Linghang FAN Yuefeng ZHOU Tetsu IKEDA

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	and to the same,	nideration of the au	on of Tan Dallan 164.	0.001 and allegates
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	ple consideration, the re-			
	these presents, do(es) he			
	ght to the said invention		7	
	all patents which may be			
	or the use and behoof o			
	s may be granted, as fully		same would have bee	m neid by applicant(s)
	signment and sale not be		the Commissioner a	f Detects and Turks
	licant(s) hereby authoriz			ratems and trace-
mana io isi	sue said United States pa	iteriis to salo assigni	e(S).	
Date				
		(signature) Jun ZH	OU	
Date	,	(signature) Linghar	an EAN	
and the second s		(Signature) Enignal	ig rais	······································
Date 9/02/2011.		The ist	3	
		(signature) Yuefeng	zHOU	
				1
Date				
,		(signature) Tetsu II	(EDA	
		Q		

ASSIGNMENT

WHEREAS,

RECORDED: 05/11/2011

Jun ZHOU

	Linghang FAN Yuefeng ZHOU Tetsu IKEDA	
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marks to issu	e said United States p	patents to said assignee(s).
Date	,	(signature) Jun ZHOU
		(Signature) variation
Data		
		(signature) Linghang FAN
Date	**************************************	4
		(signature) Yuefeng ZHOU
D-17 /	ora jall	Teton Okeda
Date 10 1	EB 2011	(signature) Tetsu IKEDA

PATENT REEL: 026257 FRAME: 0241