

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Jun ZHOU	03/07/2011
Linghang FAN	02/14/2011
Yuefeng ZHOU	02/09/2011
Tetsu IKEDA	02/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC EUROPE LTD
<b>Street Address:</b>	KURFUERSTEN-ANLAGE 36
<b>City:</b>	HEIDELBERG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	69115
<b>Name:</b>	NEC CORPORATION
<b>Street Address:</b>	7-1 SHIBA 5-CHROME, MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-8001
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13062528
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)685-0573
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	Young & Thompson
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OP \$40.00 13062528

**501526890**

**PATENT**  
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NAME OF SUBMITTER:

Benoit Castel

Total Attachments: 4

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**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) Kur-  
fuersten-Anlage 36, 69115 Heidelberg, DE and 2) 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-  
8001, 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, appli-  
 cant(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 be-  
 hoof, 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 Trade-  
 marks to issue said United States patents to said assignee(s).

Date 7/3/2011,   
 (signature) Jun ZHOU

Date \_\_\_\_\_,  
 (signature) Linghang FAN

Date \_\_\_\_\_,  
 (signature) Yuefeng ZHOU

Date \_\_\_\_\_,  
 (signature) Tetsu IKEDA





## ASSIGNMENT

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Linghang FAN  
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Date \_\_\_\_\_, \_\_\_\_\_  
(signature) Jun ZHOU

Date \_\_\_\_\_, \_\_\_\_\_  
(signature) Linghang FAN

Date \_\_\_\_\_, \_\_\_\_\_  
(signature) Yuefeng ZHOU

Date 15 FEB 2011, \_\_\_\_\_  
(signature) Tetsu Ikeda  
(signature) Tetsu IKEDA