

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wenhui ZHANG</td> <td>03/28/2012</td> </tr> <tr> <td>Andreas FESTAG</td> <td>03/23/2012</td> </tr> <tr> <td>Roberto BALDESSARI</td> <td>03/23/2012</td> </tr> <tr> <td>Long LE</td> <td>03/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wenhui ZHANG	03/28/2012	Andreas FESTAG	03/23/2012	Roberto BALDESSARI	03/23/2012	Long LE	03/26/2012
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<table border="1"> <tr> <td>Name:</td> <td>NEC EUROPE LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Kurfuersten-Anlage 36</td> </tr> <tr> <td>City:</td> <td>Heidelberg</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>69115</td> </tr> </table>		Name:	NEC EUROPE LTD.	Street Address:	Kurfuersten-Anlage 36	City:	Heidelberg	State/Country:	GERMANY	Postal Code:	69115
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Application Number:	13393888										
CORRESPONDENCE DATA											
<p>Fax Number: (703)685-0573          Phone: 7035212297          Email: agoode@young-thompson.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Young &amp; Thompson          Address Line 1: 209 Madison St., Suite 500          Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	4040-1069										
NAME OF SUBMITTER:	Benoit Castel										
Total Attachments: 1 source=ASSMT#page1.tif											

OP \$40.00 13393888

**ASSIGNMENT**

WHEREAS,

**Wenhui ZHANG  
Andreas FESTAG  
Roberto BALDESSARI  
Long LE**

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in  
**METHOD FOR ENABLING MULTI-CHANNEL SIGNALING IN A COMMUNICATION NETWORK**

- (a) for which an application for a United States patent was filed on  
March 2, 2012, Application No. 13/393,888
- (b) for which an application for a United States patent was executed on

WHEREAS, **NEC EUROPE LTD.**,

whose address is Kurfuersten-Anlage 36, 69115 Heidelberg, Germany.

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 Trade-marks to issue said United States patents to said assignee(s).

Date <u>29.03.2012</u>	<u>[Signature]</u> (signature) <b>Wenhui ZHANG</b>
Date <u>28.08.2012</u>	<u>[Signature]</u> (signature) <b>Andreas FESTAG</b>
Date <u>23.03.2012</u>	<u>[Signature]</u> (signature) <b>Roberto BALDESSARI</b>
Date <u>26.03.2012</u>	<u>[Signature]</u> (signature) <b>Long LE</b>