

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>Haifeng Wang</td><td>05/25/2006</td></tr><tr><td>Fang Wang</td><td>05/25/2006</td></tr><tr><td>Ming Chen</td><td>05/25/2006</td></tr><tr><td>Shixin Cheng</td><td>05/25/2006</td></tr></tbody></table>	Name	Execution Date	Haifeng Wang	05/25/2006	Fang Wang	05/25/2006	Ming Chen	05/25/2006	Shixin Cheng	05/25/2006	
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Ming Chen	05/25/2006										
Shixin Cheng	05/25/2006										
RECEIVING PARTY DATA											
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Street Address:	Keilalahdentie 4										
City:	Espoo										
State/Country:	FINLAND										
Postal Code:	02150										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11415725</td></tr></tbody></table>	Property Type	Number	Application Number:	11415725							
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Application Number:	11415725										
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NAME OF SUBMITTER:	Erin M. Nichols										

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Total Attachments: 2

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Docket No. KOL5,213,A1

ASSIGNMENT

WHEREAS, we :1. Haifeng WANG, 2. Wang FANG, 3. Chen MING, 4. Chang SHIXIN, residing at 1. Kukinotie 11, FI-90540 Oulu, Finland, 2. Room Jia-601, No. 1, Luo Si Zhuan Wan Street, Hanzhong Road, Nanjing, Jiangsu, P.R. China, 3. BeiYunYuan, No. 129, Room 401, LongJianXiaoQu, Nanjing, 210013, JiangSu Province, P.R. China, 4. 28-8-305 Lan Yusa, Nanjing, 210018, JiangSu Province, P.R. China; made certain new and useful inventions and improvements for which weherewith file an application for which Letters Patent of the United States; which is entitled: SUBCARRIER TRUNCATING DATA TRANSMISSION SCHEME IN OFDM SYSTEM; having serial number 11//415,725 and filed on 2 May 2006 (Atty. Docket No. KOL5,213,A1/2060781),

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the

entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of May, 2006.

[Signature]
(inventor's name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of May, 2006.

Fang Wang
(co-inventor's name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of May, 2006.

Ming Chen
(co-inventor's name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of May, 2006.

Shixin CHENG
(co-inventor's name)