

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>Antti Piipponen</td><td>04/18/2007</td></tr><tr><td>Aarno Parssinen</td><td>04/20/2007</td></tr></tbody></table>	Name	Execution Date	Antti Piipponen	04/18/2007	Aarno Parssinen	04/20/2007	
Name	Execution Date						
Antti Piipponen	04/18/2007						
Aarno Parssinen	04/20/2007						
RECEIVING PARTY DATA							
Name:	Nokia Corporation						
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>11664483</td></tr></tbody></table>	Property Type	Number	Application Number:	11664483			
Property Type	Number						
Application Number:	11664483						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=KOL.233.WUS - assignment#page1.tif source=KOL.233.WUS - assignment#page2.tif							

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PATENT

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REEL: 020476 FRAME: 0990

ASSIGNMENT

WHEREAS, we: Antti PIIPPONEN and Aarno PÄRSSINEN , residing at Satamakatu 4 A 27, FI-33200 Tampere, Finland and Vartiote 13, FI -02360 Espoo, Finland ; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: REDUCTION OF POWER CONSUMPTION IN WIRELESS COMMUNICATION TERMINALS ; having serial number 11/664,483 and filed on 30 March 2007 (Atty. Docket No. KOL.233.WUS/2042271US).

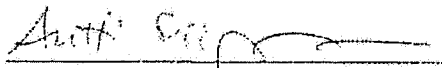
AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN -02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and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

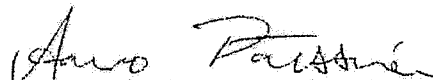
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said 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 18th day of April, 20 07.


Antti Piipponen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of April, 20 07.


Aarno Pärssinen