

# 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>
Jari Parviainen	12/21/2004
Teemu Sipila	12/21/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Nokia Corporation
<b>Street Address:</b>	Keilalahdentie 4
<b>City:</b>	Espoo
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10516120
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)686-7111
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	651-686-6633
<b>Email:</b>	mcdevitt@ip-firm.com
<b>Correspondent Name:</b>	Steven R. Funk
<b>Address Line 1:</b>	1270 Northland Dr. Suite 390
<b>Address Line 4:</b>	St. Paul, MINNESOTA 55120
<b>NAME OF SUBMITTER:</b>	Steven R. Funk
<b>Total Attachments: 4</b> source=KOLS.161US - Executed Assignment Document#page1.tif source=KOLS.161US - Executed Assignment Document#page2.tif source=KOLS.161US - Executed Assignment Document#page3.tif source=KOLS.161US - Executed Assignment Document#page4.tif	

CH \$40.00 10516120

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**PATENT**  
**REEL: 016061 FRAME: 0558**

Docket No. KOLS.

ASSIGNMENT

12/21/04 J.P.

801 LEGACY DRIVE

WHEREAS, we 1. Jari PARVIAINEN and 2. Teemu SIPILÄ:, residing at 1. ~~Väitalantie~~  
~~PLANO, TX 75023, USA~~  
~~11 A, FI-90940 Jaäli, Finland~~ and 2. Rantatie 36, FI-90460 Oulunsalo, 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: METHOD AND ARRANGEMENT FOR ENHANCING SEARCH  
THROUGH TRELLIS ; having serial number 10/516,120 and filed on 29 November 2004 (Atty. Docket  
No. KOLS.161US (2020003US)).

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.

PATENT

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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 21<sup>st</sup> day of  
DECEMBER, 2004.

Jari Parviainen  
{inventor's name} Jari Parviainen

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of  
\_\_\_\_\_, 2004.

\_\_\_\_\_  
{co-inventor's name} Teemu Sipilä

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of  
\_\_\_\_\_, 2004.

\_\_\_\_\_  
{co-inventor's name}

### ASSIGNMENT

WHEREAS, we 1. Jari PARVIAINEN and 2. Teemu SIPILÄ:, residing at 1. Välitalontie 11 A, FI-90940 Jääli, Finland and 2. Rantatie 36, FI-90460 Oulunsalo, 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: METHOD AND ARRANGEMENT FOR ENHANCING SEARCH THROUGH TRELLIS ; having serial number 10/516,120 and filed on 29 November 2004 (Atty. Docket No. KOLS.161US (2020003US)).

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.

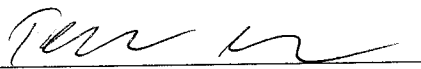
Docket No. KOLS.

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 \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
{inventor's name} Jari Parviainen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of December, 2004.

  
(co-inventor's name) Teemu Sipilä

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
{co-inventor's name}