

## 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>Lauri Aarne Johannes Wirola</td> <td>09/28/2009</td> </tr> <tr> <td>Tommi Antero Laine</td> <td>09/28/2009</td> </tr> <tr> <td>Matti Samuli Raitoharju</td> <td>09/21/2009</td> </tr> <tr> <td>Niilo Torsten Sirola</td> <td>09/18/2009</td> </tr> <tr> <td>Tampere University of Technology</td> <td>10/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	Lauri Aarne Johannes Wirola	09/28/2009	Tommi Antero Laine	09/28/2009	Matti Samuli Raitoharju	09/21/2009	Niilo Torsten Sirola	09/18/2009	Tampere University of Technology	10/22/2009
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Nokia Corporation</td> </tr> <tr> <td>Street Address:</td> <td>Keilalahdentie 4</td> </tr> <tr> <td>City:</td> <td>Espoo</td> </tr> <tr> <td>State/Country:</td> <td>FINLAND</td> </tr> <tr> <td>Postal Code:</td> <td>02150</td> </tr> </table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	02150		
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CORRESPONDENCE DATA													
<p>Fax Number: (212)303-2754          Phone: 2124158600          Email: ptopatentcommunication@lockelord.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: Locke Lord LLP          Address Line 1: 3 World Financial Center          Address Line 2: 20th Floor          Address Line 4: New York, NEW YORK 10281-2101</p>													
ATTORNEY DOCKET NUMBER:	1004289.692US												
NAME OF SUBMITTER:	Peter N. Fill												

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**Total Attachments: 8**

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**ASSIGNMENT AND AGREEMENT**

**FOR VALUE RECEIVED, TAMPERE UNIVERSITY OF TECHNOLOGY**, an institution of higher learning duly organized and existing under the laws of Finland, and having a principal place of business at Korkeakoulunkatu 10, 33730 Tampere, Finland; hereby sell, assign and transfer to **NOKIA CORPORATION**, a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in **SCREENING TERMINAL POSITIONS AT A TERMINAL**, for the PCT International Application Number PCT/US2009/01411 filed March 4, 2009; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may

be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Tampere this 22 day of  
Oct, in the year 2009.

TAMPERE UNIVERSITY OF TECHNOLOGY

By: 

Ilkka Virtanen  
Head of Research and Innovation Services

**ASSIGNMENT AND AGREEMENT**

**FOR VALUE RECEIVED, We, Lauri Aarne Johannes WIROLA**, a citizen of Finland, residing at Vestonkatu 67 F 19, 33580 Tampere, Finland and **Tommi Antero LAINE**, a citizen of Finland residing at Kirjavaisenkatu 19 B 4, 33560 Tampere, Finland, hereby sell, assign and transfer to **NOKIA CORPORATION**, a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in **SCREENING TERMINAL POSITIONS AT A TERMINAL**, for the PCT International Application Number PCT/US2009/01411 filed March 4, 2009; and all the rights and privileges under any and all Letters Patent that may be granted therefore, including continuations and divisionals thereof.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

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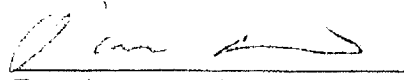
We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at TAMPERE this 28th day of  
SEPTEMBER, in the year 2009

  
Lauri Aarne Johannes WIROLA

Docket No. 915-007.304

Signed at TAMPERE this 28th day of  
SEPTEMBER, in the year 2009

  
Tommi Antero LAINE

**ASSIGNMENT AND AGREEMENT**

**FOR VALUE RECEIVED, WE, Matti Samuli RAITOHARJU**, a citizen of Finland and residing at Havumetsankatu 27 D 61, 33820 Tampere, Finland and **Niilo Torsten SIROLA**, a citizen of Finland and residing at Tammelan Puistokatu 14-16 A 40, 33100 Tampere, Finland; hereby sell, assign and transfer to **TAMPERE UNIVERSITY OF TECHNOLOGY**, an institution of higher learning duly organized and existing under the laws of Finland, and having a principal place of business at Korkeakoulunkatu 10, 33730 Tampere, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in **SCREENING TERMINAL POSITIONS AT A TERMINAL**, for the PCT International Application Number PCT/US2009/01411 filed March 4, 2009; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

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We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Tampere this 21<sup>st</sup> day of September, in the year 2009.

  
Matti Samuli RAITOHARJU

Signed at Tampere this 18<sup>th</sup> day of  
September, in the year 2009.

  
\_\_\_\_\_  
Niilo Torsten SIROLA