

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5565432

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WOONHEE HWANG	10/20/2006
OLIVIER GUYOT	10/20/2006
ANTTI O. KANGAS	10/20/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA CORPORATION
<b>Street Address:</b>	KEILALAH DENTIE 4
<b>City:</b>	FIN-02150 ESPOO
<b>State/Country:</b>	FINLAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15018659
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	mary.poremba@nokia.com
<b>Correspondent Name:</b>	MARY T. POREMBA
<b>Address Line 1:</b>	600-700 MOUNTAIN AVENUE
<b>Address Line 2:</b>	ROOM 6E-210
<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636
<b>ATTORNEY DOCKET NUMBER:</b>	46841-US-CNT[2] - MTP
<b>NAME OF SUBMITTER:</b>	NIRAJ A. DESAI
<b>SIGNATURE:</b>	/Niraj A. Desai/
<b>DATE SIGNED:</b>	06/11/2019
<b>Total Attachments: 5</b>	
source=46841-US-CNT[2]_Assignment_Inventors-to-NokiaCorp#page2.tif	
source=46841-US-CNT[2]_Assignment_Inventors-to-NokiaCorp#page3.tif	
source=46841-US-CNT[2]_Assignment_Inventors-to-NokiaCorp#page4.tif	
source=46841-US-CNT[2]_Assignment_Inventors-to-NokiaCorp#page5.tif	
source=46841-US-CNT[2]_Assignment_Inventors-to-NokiaCorp#page6.tif	

944-003.334-1

11/540,940

**ASSIGNMENT AND AGREEMENT**

**FOR VALUE RECEIVED, We, WOONHEE HWANG**, a citizen of the Republic of Korea and residing at Juhanintie 6A, FIN-02180 Espoo, Finland; **OLIVIER GUYOT**, a citizen of France and residing at 5F-1, N.3, Xin Yi Road, Sec. 3, Daan District, Taipei City 106-57, Taiwan, ROC; and **ANTTI O. KANGAS**, a citizen of Finland and residing at Vihiluodontie 52 C 17, FIN-90460 Oulunsalo, Finland, respectively, 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 a METHOD, DEVICE, SYSTEM AND SOFTWARE PRODUCT FOR PROVIDING SYSTEM INFORMATION TO ENABLE PACKET SWITCHED HANDOVER, which is described in an application for Letters Patent of the United States, Serial No. 11/540,940, filed September 28, 2006, and claiming priority from U.S. Prov. Serial No. 60/721,681, filed September 29, 2005; 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

944-003,334-1

11/540,940


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.

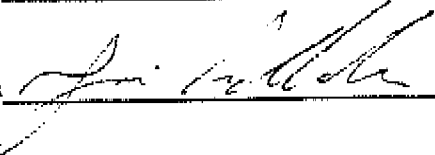
944-003.334-1  
11/540,940

Signed at Espoo this 1<sup>st</sup> day of  
November, in the year 2006.

  
\_\_\_\_\_  
Woonhee Hwang

Signed in our presence and acknowledged to be an assignment of the application  
(invention) herein above referred to.

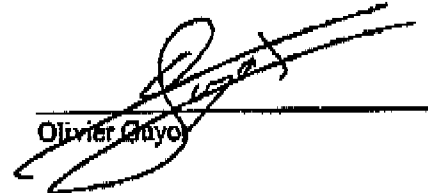
Witness  Date 1<sup>st</sup> Nov 2006

Witness  Date 1<sup>st</sup> Nov 2006

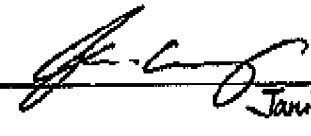
944-003,334-1

11/540,940

Signed at Taipei, Taiwan, ROC this 9<sup>th</sup> day of  
November, in the year 2006.

  
Olivier Guyot

Signed in our presence and acknowledged to be an assignment of the application  
(invention) herein above referred to.

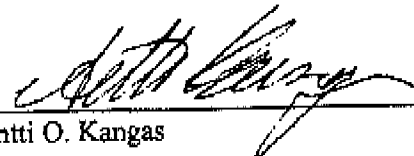
Witness  Date 9 Nov. 2006  
Janice Wang.

Witness Cand Chang Date 9. Nov. 2006.

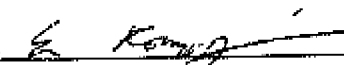
944-003.334-1

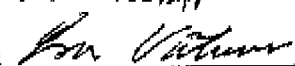
11/540,940

Signed at OULU this 20<sup>TH</sup> day of  
OCTOBER, in the year 2006.

  
Antti O. Kangas

Signed in our presence and acknowledged to be an assignment of the application  
(invention) herein above referred to.

Witness  Date 20<sup>TH</sup> OCT 2006  
Esa Romppainen

Witness  Date 20<sup>TH</sup> OCT 2006  
Esa Viitanen