## 506346032 11/10/2020

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ESA MALKAMAKI	06/21/2006
MARKKU KUUSELA	06/21/2006

### **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16720726	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: E1083.350(T).USC1C1C1C1+	
NAME OF SUBMITTER:	SPENCER GIBBS
SIGNATURE:	/Spencer Gibbs/
DATE SIGNED:	11/10/2020

**Total Attachments: 3** 

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PATENT 506346032 REEL: 054320 FRAME: 0581

# RECEIVED CENTRAL FAX CENTER

## JUL 1 1 2006

Docket No. 944-008.014-1 Serial No. 11/411.995

### ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, ESA MALKAMÄKI, a citizen of Finland, residing at Riippakoivuntie 17 B, 02130 Espoo, Finland and MARKKU KUUSELA, a citizen of Finland, residing at Myötätuulenkuja 4 B 25, 02330 Espoo. 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 a FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH), which is described in a United States Application Serial No. 11/411,995 filed April 25, 2006; claiming priority from United States Provisional Patent Application Number 60/675,127 filed April 26, 2005, 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 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 assignce, it successors and assigns and logal 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 _	Helrich	this	21	day of
Jinne		2006		
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		E-Ba sor.	AŠ V I	

Docket No. 944-008.014-1 Serial No. 11/411.995

Signed at	Halsinki	this	21	day of
June.	in the year 2006	Panalettetenstein		
		- A7		

Markku KUUSELA

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**PATENT REEL: 054320 FRAME: 0584**