

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Petteri HANHIMAKI</td><td>05/16/2005</td></tr><tr><td>Ilpo JARVINEN</td><td>05/06/2008</td></tr></tbody></table>	Name	Execution Date	Petteri HANHIMAKI	05/16/2005	Ilpo JARVINEN	05/06/2008	
Name	Execution Date						
Petteri HANHIMAKI	05/16/2005						
Ilpo JARVINEN	05/06/2008						
RECEIVING PARTY DATA							
Name:	Nokia Corporation						
Street Address:	Keilalahdentie 4,						
City:	Espoo						
State/Country:	FINLAND						
Postal Code:	FIN-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>11895611</td></tr></tbody></table>	Property Type	Number	Application Number:	11895611			
Property Type	Number						
Application Number:	11895611						
CORRESPONDENCE DATA							
Fax Number:	(203)261-5676						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	944-018.014(NC61365)						
NAME OF SUBMITTER:	William J. Barber						
Total Attachments: 4 source=944-018-014_NC61365US_Executed_Assignment_as_filed_3_June_2008#page1.tif source=944-018-014_NC61365US_Executed_Assignment_as_filed_3_June_2008#page2.tif source=944-018-014_NC61365US_Executed_Assignment_as_filed_3_June_2008#page3.tif							

CH \$40.00 11895611

PATENT

500555833

REEL: 021033 FRAME: 0963

ASSIGNMENT AND AGREEMENT

HANHIMÄKI

FOR VALUE RECEIVED, WE, Petteri HANHIMÄKI, residing at Karpalotie 7, 24280

Salo Finland and Ilpo JARVINEN, residing at Suntionmaentie 107 31530 Pyöli Finland, both are citizens of 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 **FLASH MEMORY WITH SMALL DATA PROGRAMMING CAPABILITY**, which is described in a United States Application Serial No.

11/895,611 filed 23 August 2007; and all the rights and privileges under any and all Letters Patent that may be granted therefore, including continuations and divisionals thereof.

I 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.

I agree that, when requested, I 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.

I 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 me.

I 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.

I 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 I have full right to convey the same as herein expressed.

Signed at Salo this 6th day of
May, in the year 2007 2008


Petteri HANHIMAKI
HANHIMÄKI

Signed at Salo this 6th day of
May, in the year 2007 2008


Ilpo JÄRVINEN

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, WE, Petteri HANHIMÄKI, residing at Karpalotie 7, 24280 Salo Finland and **Ilpo JARVINEN**, residing at Suntionmaentie 107 31530 Pyoli Finland, both are citizens of 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 **FLASH MEMORY WITH SMALL DATA PROGRAMMING CAPABILITY**, which is described in a United States Application Serial No. 11/895,611 filed 23 August 2007; and all the rights and privileges under any and all Letters Patent that may be granted therefore, including continuations and divisionals thereof.

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it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

I 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 I have full right to convey the same as herein expressed.

Signed at Salo this 16 day of
May, in the year 2008.


Petteri HANHIMÄKI

Signed at _____ this _____ day of
_____, in the year 2007.

Ilpo JARVINEN