PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Matti Juhani Ruohonen	11/01/2005
Anthony Dalby	11/01/2005

RECEIVING PARTY DATA

Name:	Nokia Corporation	
Street Address:	Keilalahdentie 4	
City:	Espoo	
State/Country:	FINLAND	
Postal Code:	FIN-02150	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29238811	

CORRESPONDENCE DATA

Fax Number: (202)824-3742

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

dmottley@bannerwitcoff.com

Correspondent Name: Darrell G. Mottley Address Line 1: 1001 G Street, N.W.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER:	6089.301
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NAME OF SUBMITTER: Darrell G. Mottley

Total Attachments: 4

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PATENT

REEL: 016935 FRAME: 0942

Joint Assignment Attorney Docket No. 006089,00301 Client No. 21063 US

JOINT ASSIGNMENT

WHEREAS, WE, Matti Juhani RUOHONEN, residing at Piispankatu 6 D 40-41. 20500 Turku, Finland and Anthony DALBY residing at 30, Chandos Avenue, Ealing, London W5 4ER, United Kingdom (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 006089.00301 and having the title:

HANDSET

which application was

filed on September 22, 2005 and assigned application number 29/238,811;

and WHEREAS

Nokia Corporation Keilalahdentie 4 FIN-02150 ESPOO FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged.

WE hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petry patents and utility model patents which may be granted therefore, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT);

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to

Page 1 of 2

Joint Assignment Attorney Docket No. 006089 00301 Client No. 21063 US

communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful

papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff, Ltd. the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date:	01.11.7005	Inventor:	Matti Juhani Ruohonen
Date:	a company and the company and	Inventor:	Anthony Daiby

Note: No legalization or other witness required.

LAW OFFICES

Banner & Witcoff, Ltd.

1001 G STREET, N.W.

WASHINGTON, D.C. 20001-4597

(202) 824-3000

Page 2 of 2

PATENT REEL: 016935 FRAME: 0944

Joint Assignment Attorney Docket No. 006089.00301 Client No. 21063 US

JOINT ASSIGNMENT

WHEREAS, WE, Matti Juhani RUOHONEN, residing at Piispankatu 6 D 40-41, 20500 Turku, Finland and Anthony DALBY residing at 30, Chandos Avenue, Ealing, London W5 4ER, United Kingdom (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 006089.00301 and having the title:

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and WHEREAS

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ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

WE hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefore, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT);

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Joint Assignment Attorney Docket No. 006089 00301 Client No. 21063 US

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And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff, Ltd. the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: Inventor: Matti Juhani Ruohonen

Date: 11/65 Inventor: Anthony Dalby

Note: No legalization or other witness required.

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Page 2 of 2

PATENT REEL: 016935 FRAME: 0946