PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Simon Bradford	05/14/2008
Sami Lehtovaara	05/02/2008

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:	29302849	

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

Phone: 202-824-3000

Email: aanderson@bannerwitcoff.com

Correspondent Name: Chunhsi Andy Mu

Address Line 1: 1100 13th Street, N.W., Suite 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-4051

ATTORNEY DOCKET NUMBER: 016089.00618

NAME OF SUBMITTER: Chunhsi Andy Mu

Total Attachments: 3

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> PATENT REEL: 020972 FRAME: 0341

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ASSIGNMENT

WHEREAS, We, Simon BRADFORD, residing at 5A Kaitamaki, Espoo, FINLAND 02260 and Sami LEHTOVAARA residing at Suovasentie 52, 21250 Masku, FINLAND, 20200 (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 016089.00618 and having the title

INPUT DEVICE

which application was

filed on January 25, 2008 and assigned application number 29/302,849

and WHEREAS

Nokia Corporation Keilalahdentie 4 FIN-01250 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, petty patents and utility model patents which may be granted therefor, 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 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;

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And we authorize the ASSIGNEE or its NOMINEES to file in our names 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 the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date:	24.65.250}	Inventor:	Simon BRADFORD
Date:		Inventor:	Sami LEHTAVAARA

Note: No legalization or other witness required.

LAW OFFICES

BANNER & WITCOFF, LTD.

1100 13th Street, N.W.

12th Floor

Washington, D.C. 20005-4051

202-824-3000

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PATENT REEL: 020972 FRAME: 0343

Attorney Docket No. 016089.00618 21549 US

And we authorize the ASSIGNEE or its NOMINEES to file in our names 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 the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: Inventor: Simon BRADFORD

Date: 2,5,200 Inventor: San' Volume

Note: No legalization or other witness required.

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1100 13th Street, N.W.

12th Floor

Washington, D.C. 20005-4051

202-824-3000

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