

Form PTO-1592 (modified) 004770.00028 To the Honorable Commissioner of Patents and trauemarks: Please record the attached original documents or copies thereof: 1. Name of Conveying Party or Parties: 2. Name and address of receiving party or parties: Pekka Pihlaja Additional Names of conveying party or parties attached Nokia Corporation ☐ Yes ■ No Keilalahdentie 4 FIN-02150 ESPOO 3. Nature of Conveyance: **FINLAND** Assignment Merger Security Agreement Change of Name Other Additional Name(s) and address(es) attached? 

Yes No Execution Date: November 16, 2001 4. Application Number(s) or Patent Number(s): If this document is being filed together with a new application, the execution date of the application is: November 16, 2001 A. Patent Application Number(s): B. Patent Number(s): Additional Name(s) and address(es) attached? 

Yes No 5. Name and address of party to whom correspondence 6. Total Number of Applications and patents involved: concerning the document should be mailed: 7. Total fee (37 CFR 3.41) ..... \$ 40.00 Enclosed Authorized to be charged to deposit account Ross A. Dannenberg Banner & Witcoff, Ltd. Please charge or credit our deposit account for any 1001 G Street, N.W., Suite 1100 additional or refunded fees associated with recording this Washington, D.C. 20001-4597 assignment 8. Deposit Account No.: 19-0733 Do Not Use this Space 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. November 20, 2001 Ross A. Dannenberg, Reg. No. 49,024 Signature Date Name of Person Signing

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PATENT REEL: 012316 FRAME: 0497

Total Number of Pages including Cover Sheet: 3

FINLAND

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## ASSIGNMENT

WHEREAS, I, Pekka Pihlaja, residing at Alppikatu 8 A 18, 00530 Helsinki, Finland (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00028 and having the title

## FORM FACTOR FOR PORTABLE DEVICE

which application was [one of the following]	
executed on	[Date or dates] or
filed on (HEREWITH) [Filing date] and assigned application serial number;	
and WHEREAS	
Nokia Corporation	
Keilalahdentie 4 FIN-02150 ESPOO	

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,

I 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 therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

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

And I further covenant and agree that I 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 I 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 I authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and I 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 I hereby grant my 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: 16.11. 2001

Inventor:

PML PML Lys
ekka Pihlaia

Note: No legalization or other witness required.

LAW OFFICES BANNER & WITCOFF, LTD. 1001 G STREET, N.W. WASHINGTON, D.C. 20001-4597 (202) 508-9100

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