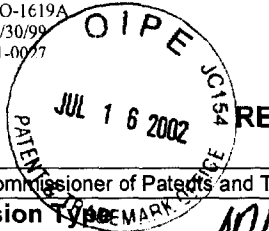


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Name (line 1) Pertti Salmi

Execution Date
Month Day Year
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Name (line 2) _____

Second Party

Name (line 1) _____

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Name (line 2) _____

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Name (line 1) Nokia Corporaton

Name (line 2) _____

Address (line 1) Keilalahdentie 4

Address (line 2) _____

Address (line 3) FIN-01250 ESPOO

FINLAND

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Correspondent Name and Address

Area Code and Telephone Number

(202) 508-9100

Name Robert S. Katz

Address (line 1) BANNER & WITCOFF, LTD.

Address (line 2) 1001 G Street NW

Address (line 3) Eleventh Floor

Address (line 4) Washington, D. C. 20001-4597

Pages

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Patent Application Number(s)

Patent Number(s)

29/159,807

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

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1

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Fee Amount for Properties Listed (37 CFR 3.41):

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Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-0733

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Statement and Signature

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Robert S. Katz, Reg. No. 36,402

Name of Person Signing

Signature

Date

Attorney Docket No. 006089.00020

ASSIGNMENT

WHEREAS, I, Pertti Salmi, residing at ~~Taipaleentie 50, FIN-90140 Oulu, FINLAND~~ ^{Sirpantie 30, FIN-90530 Oulu P.S.} (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 006089.00020 and having the title

HANDSET

which application was

filed on April 30, 2002 and assigned application number 29/159,807;

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,

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, 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 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;

Sole Assignment
Attorney Docket No. 006089.00020

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: JUNE 24th, Inventor:
2002

Pertti Salmi
Pertti Salmi

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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