

05-28-2002

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kalle Asikainen

05/17/02

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: **Nokia Corporation**

Address: **Keilalahdentie 4**

City: **Espoo**

State/Prov.: _____

Country: **Finland**

ZIP: **FIN-02150**

Additional name(s) & address(es) Yes No

jc986 U.S. PTO
10/150600
05/17/02

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **April 4, 2002**

4. Application number(s) or patent numbers(s):

10/150600

If this document is being filed together with a new application, the execution date of the application is: **4/4/02;4/10/02**

Patent Application No. Filing date

05/22/2002 HLE333 00000018 10150600

03 FC:581

40.00 DP

B. Patent No.(s)

Additional numbers

Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Harry F. Smith**

Registration No. **32,493**

Address: **Harrington & Smith, LLP**

1809 Black Rock Turnpike

City: **Fairfield** State/Prov.: **CT**

Country: _____ ZIP: **06432**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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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.

Harry F. Smith

Name of Person Signing

Harry F. Smith
Signature

May 17, 2002

Date

3

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For U.S. and/or Foreign Rights
For U.S. Application or U.S. Patent
For PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No.

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME ASIKAINEN	FIRST NAME Kalle	MIDDLE NAME
RESIDENCE CITIZENSHIP	STATE OR COUNTRY Finland		CITIZENSHIP Finnish
POST OFFICE ADDRESS	P.O. ADDRESS Spårentie 1 A 2		CITY & COUNTRY FIN-33960 Pirkkala, Finland

(2) ASSIGNOR (inventor):

FULL NAME OF INVENTOR	LAST NAME RINTAMÄKI	FIRST NAME Sami	MIDDLE NAME
RESIDENCE CITIZENSHIP	STATE OR COUNTRY Finland		CITIZENSHIP Finnish
POST OFFICE ADDRESS	P.O. ADDRESS Koroistentie 9 B 38		CITY & COUNTRY FIN-00280 Helsinki, Finland

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

**Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
Finland**

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

for the United States and its territorial possessions

X and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

METHOD AND DEVICE FOR IMPROVING EFFICIENCY OF FREQUENCY SYNTHESIZER

which is found in

X U.S. patent application number 10/_____ filed Herewith

X and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal this

4. April 2002 (Date of Signing).

(1) Kalle Asikainen
Assignor Name

Signature

Witnessed by Sirkka Lehtonen

Kalle Asikainen
Signature

(2) Sami Rintamäki
Assignor Name

Signature

Witnessed by

Signature