

FORM PTO-1585 944-003.238
(Rev. 8-03)

OMB No. 0651-0011 (exp. 4/04)

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3. Nature of conveyance:

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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: 8/18/04

A. Patent Application No.(s)

10/931050 - Filing Date: August 30, 2004

B. Patent No.(s)

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Anatoly Frenkel
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, PO Box 224
Monroe CT 064686. Total number of applications and patents involved: ☐

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OMB No. 0051-0211 (exp. 4/94)

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Mika SALMI

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Execution Date: 8/18/04

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Keilalahdentie 4
FIN-02150 Espoo
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Anatoly Frankel
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, PO Box 224
Monroe CT 06468

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ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, JUHA HALLIVUORI, PAULI SEPPINEN and MIKA SALMI, citizens of Finland and residing at Nirvankatu 70, FIN-33820 Tampere, Finland; Huvilinnankäki 8 A 11, FIN-02600 Espoo, Finland; and Ylännkatu 5 A, FIN 20540 Turku, Finland respectively, hereby sell, assign and transfer to NOKIA CORPORATION, an organization duly organized and existing under the laws of Finland, and having a principal place of business at Kailalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in DIGITAL TUNING OF A VOLTAGE CONTROLLED OSCILLATOR OF A PHASE LOCKED LOOP, which is described in an application for Letters Patent of the United States, executed by us on even date herewith; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions in all countries be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the

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benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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Signed at Tampere, Finland this 18th
day of August, 20 04.


Juha Hallivuori

Signed in our presence by Juha Hallivuori and acknowledged to
be an assignment of the application (invention) herein above
referred to.

Witness Petri Korpi Date 10.8.2004
Petri Korpi

Witness Arttu Uusitalo Date 10.8.2004
ARTTU UUSITALO

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signed at Helsinki this 18th
day of August, 2004.


Pauli Seppinen

Signed in our presence by Pauli Seppinen and acknowledged to
be an assignment of the application (invention) herein above
referred to.

Witness Sami Lintu Date 18.8.2004

Witness John Thiele Date 18.8.2004

TOTAL P.10

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Signed at Salo, Finland this 18th
day of August, 20 04.

Mika Salmi
Mika Salmi

Signed in our presence by Mika Salmi and acknowledged to be an
assignment of the application (invention) herein above
referred to.

Witness Janne Peltanen Date 18.8.2004
JANNE PELTONEN

Witness Janne Kilpinen Date 18.8.2004
JANNE KILPINEN