



102065752

Attorney Docket No. 944-003.110

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

1. Name of conveying party(ies):

JARI PETRI PATANA

4-18-02

Additional name(s) of conveying party(ies) attached?

Yes  No

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

NOKIA CORPORATION

Keilalahdentie 4

FIN-02150 Espoo

FINLAND

Additional name(s) and address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: April 8, 2002

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: \_\_\_\_\_

A. Patent Application No.(s)

10/053,250

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Jack M. Pasquale  
Ware, Fressola, Van Der Sluys & Adolphson LLP  
Bradford Green, Building Five  
755 Main Street  
P.O. Box 224  
Monroe, CT 06468-0224

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  
 Authorized to be charged to credit card as shown on attached form PTO-2038

8. Deposit account number: 23-0442  
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Francis J. Maguire, Reg. No. 31,391  
Name of Person Signing

April 11, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 3

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Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 012807 FRAME: 0649

**ASSIGNMENT AND AGREEMENT**

FOR VALUE RECEIVED, I, **Jari Petri Patana**, a citizen of Finland residing at Kukinkuja 10 C 57, FIN-01620 Vantaa, Finland, hereby sell, assign and transfer to **NOKIA CORPORATION**, a corporation duly organized and existing under the laws of Finland and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee and its successors, assigns and legal representatives, the entire right, title and interest for the United States and its territorial possessions as well as in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled *Fractional-N Frequency Synthesizer With Sine Wave Generator*, which is described in an application for Letters Patent of the United States filed on January 18, 2002, now bearing U.S. patent application serial number 10/053,250, and which is further identified by Ware, Fressola, Van Der Sluys & Adolphson Attorney Docket Number 944-003.110; and any legal equivalent thereof in a foreign country, including the right to claim priority, as well as all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal or substitute thereof and as to Letters Patent, any reissue or re-examination thereof.

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

I agree that, when requested, I 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.

I 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 benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial Property, as amended, or by 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 me.

I 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.


I 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 I have full right to convey the same as herein expressed.

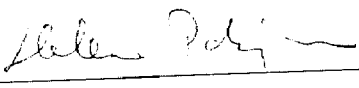
Signed at Helsinki this 8  
(city/state/country) (day)

day of 4, 2002.  
(month)

  
**Jari Petri PATANA**

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

Witness  Date 8.4.2002  
H. Kaari Suärni

Witness  Date 8.4.2002  
Helena Poljonen