



Attorney Docket No. 915-007.065

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

1. Name of conveying party(ies): 5-21-04  
**David AKOPIAN, Harri VALIO and Jari SYRJÄRINNE**  
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**

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: February 13 and 16, 2004

Additional name(s) and address(es) attached?  
 Yes  No

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)

10/734,080

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

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

05/24/2004 SSESHE1 00000008 10734080

04 FC:8021

40.00 DP

Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.*

**Alfred A. Fressola, Reg. No. 27,550**  
Name of Person Signing

Signature

**May 19, 2004**  
Date

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  
(Attach duplicate copy of this page if paying by deposit account.)

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, David AKOPIAN, a citizen of Armenia residing at Ahvenisraitti 24 C 32, FIN-33720 Tampere, Finland; Harri VALIO, a citizen of Finland residing at Vattulantie 17, FIN-34240 Kämenniemi, Finland; and Jari SYRJÄRINNE, a citizen of Finland residing at Yliopistonkatu 45 K 115, FIN-33500 Tampere, Finland, 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 Keilalahdentie 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 *Position Estimation*, which is described in an application for Letters Patent of the United States filed on December 11, 2003, now bearing U.S. Patent Application Serial No. 10/734,080; 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 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.

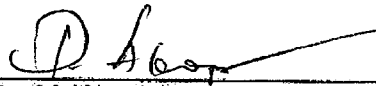
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid 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.

Signed at San Antonio, TX, USA this 13  
(city/state/country) (day)

day of February, 2004.  
(month)

  
\_\_\_\_\_  
David AKOPIAN

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

Witness Jyotica Ramirez Date 2-13-2004

Witness Sofiya Shtraynberg Date 2-13-2004

Signed at \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)

day of \_\_\_\_\_, 2004.  
(month)

\_\_\_\_\_  
Harri VALIO

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

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

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.

Signed at \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)

day of \_\_\_\_\_, 2004.  
(month)

\_\_\_\_\_  
David AKOPIAN

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

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

Signed at \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)

day of \_\_\_\_\_, 2004.  
(month)

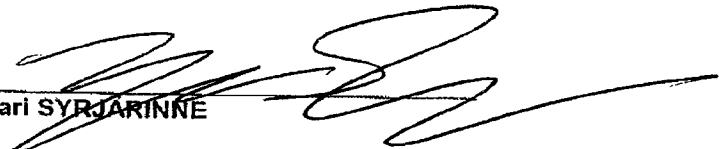
  
\_\_\_\_\_  
Harri VALIO

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

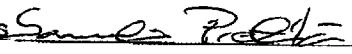
Witness Samuel P. O'Brien Date 11-2-2004

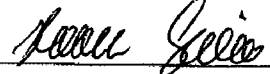
Witness Xuan Gao Date 11-2-2004

Signed at \_\_\_\_\_ this 16  
(city/state/country) (day)  
day of February, 2004.  
(month)

  
Jari SYRJÄRINNE

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

Witness  Date 16.2.2004

Witness  Date 16.2.2004