

05-10-2004



102741581

**PATENTS ONLY**

3ET

U.S. Department of Commerce  
Patent and Trademark Office

**Attorney Docket No. 915-007.057**

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

1. Name of conveying party(ies): S. Y. - 04  
**Qin ZHENGDI**

Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_  
Execution Date: February 06, 2004

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

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)

10/727,113

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**

05/06/2004 MBERHE 00000113 10727113

01 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 3, 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: 3

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

**PATENT**  
**REEL: 015298 FRAME: 0922**

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, **Qin ZHENGLI**, a citizen of Finland residing at Ritalankatu 24, FIN-33400 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 Kellalahdentie 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 *Estimation of a Signal Delay*, which is described in an application for Letters Patent of the United States filed on December 02, 2003, now bearing U.S. Patent Application Serial No. 10/727,113; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I 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.

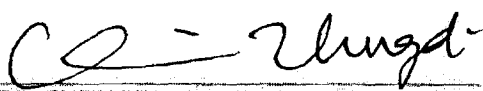
I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto 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 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 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 Tampere, Finland this 06  
(city/state/country) (day)  
day of February ~~2003~~ 2004  
(month)

  
Qin ZHENGDI

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

Witness  Date Feb 06 2004

Witness  Date Feb 06 2004