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102290009

To the Honorable Commissioner of Patent

... are attached original documents or copy thereof.

1. Name of conveying party(ies):

Ismo HALIVAARA *11/13/02*

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



3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: October 23, 2002

915-005.032

Additional name(s) & 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: Oct. 23, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Francis J. Maguire  
WARE, FRESSOLA, VAN DER SLUYS  
& ADOLPHSON LLP  
755 Main Street, PO Box 224  
Monroe CT 06468

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

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23-0442

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Francis J. Maguire  
Name of Person Signing

*Francis Maguire*  
Signature

13 Nov '02  
Date

Total number of pages including cover sheet, attachments, and document: 4

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**PATENT**

**REEL: 013502 FRAME: 0537**

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, **ISMO HALIVAARA**, citizen of Finland and residing at **Hallituskatu 23 C 46, FIN-33200 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 **A METHOD FOR SIGNAL ACQUISITION IN A WIRELESS TERMINAL AND A WIRELESS TERMINAL**, which is described in an application for Letters Patent of the United States, executed by me on even date herewith; 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.

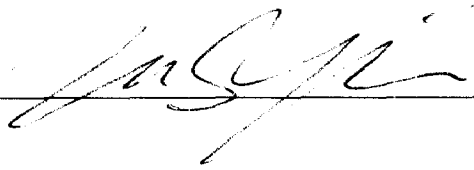
I covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Tampere this 23rd  
day of October, 20 02.

  
\_\_\_\_\_  
ISMO HALIVAARA

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

Witness Samuli Pietilä Date 23.10.2002

Witness  Date 23.10.2002