

05-23-2003



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ER SHEET

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Attorney Docket No. 944-003.171

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

1. Name of conveying party(ies): **S-15-03**
 Markku Pukkila, Gian-Paolo Mattellini,
 Pekka A. Ranta
 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

11002 U.S. PTO
 10/439068
 05/15/03

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____
 Execution Date: May 9, 2003

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☐ Yes ☒ No

4. Application number(s) or patent number(s):

10439068

If this document is being filed together with a new application, the execution date of the application is: May 15, 2003

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:

James A. Retter
 Ware Fressola, Van Der Sluys & Adolphson LLP
 Bradford Green, Building 5
 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 deposit account

8. Deposit account number:
23-0442

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Statement and signature:

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James A. Retter
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Signature

Date

May 15, 2003

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

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PATENT
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40.00 no

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, MARKKU PUKKILA, GIAN-PAOLO MATTELLINI and PEKKA A. RANTA, citizens of Finland, Italy, and Finland, respectively, and residing at Itätuulenkuja 3 A 1, FIN-02100, Espoo, Finland, Itämerenkatu 18 B 27, FIN-00180 Helsinki, Finland, and Albertinkatu 34 B 8, FIN-03100 Nummela, Finland, respectively, 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 all countries in and to certain inventions relating to improvements in a **METHOD AND APPARATUS FOR DETERMINING COMPONENTS OF A CHANNEL IMPULSE RESPONSE FOR USE IN A SAIC EQUALIZER**, executed 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 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 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 Helsinki this 9th day of May, in the year 2003.


Markku Pukkila

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

Witness Joonas Krögerus Date 9.5.2003
Joonas Krögerus
Witness Vuokko Vuorinen Date 9.5.2003
Vuokko Vuorinen

Signed at Helsinki this 9th day of
May in the year 2003.

Gian Paolo Mattellini
Gian-Paolo Mattellini

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

Witness Joonas Moqemus Date 9.5.2003
Joonas Moqemus
Witness Urho Vuorinen Date 9.5.2003
Urho Vuorinen

Signed at Helsinki this 9th day of May in the year 2003

Pekka A. Ranta
Pekka A. Ranta

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

Witness Joona Krogerus Date 9.5.2003
Joona Krogerus
Witness Vuokko Vuorinen Date 9.5.2003
Vuokko Vuorinen