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R SHEET

U.S. Department of Commerce
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102421149

Attorney Docket No. 915-005.047

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

1. Name of conveying party(ies):

4-7-03
Esa MÄÄTTÄ, Jari SAUKKO and
Henri VÄHÄ-YPYÄ

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: February 10, 2003

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

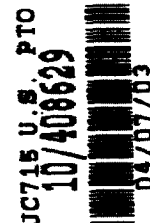
NOKIA CORPORATION

Keilalahdentie 4

FIN-02150 Espoo

FINLAND

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

☐ Yes ☒ No

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

10408629

If this document is being filed together with a new application, the execution date of the application is: February 10, 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:

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04/10/2003 SFELEKE1 00000003 10408629

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40.00 DP

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00 ☒ Enclosed☐ Authorized to be charged to credit card as shown on attached form PTO-20388. Deposit account number: 23-0442

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

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

April 7, 2003

Date

Total number of pages including cover sheet, attachments, and document: 6

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013950 FRAME: 0220

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, **Esa MÄÄTTÄ; Jari SAUKKO and Henri VÄHÄ-YPYÄ**, citizens of Finland and residing at **Kangasvuokontie 3, FIN-37830 VIIALA, Finland; Laattapolku 3 B 26, FIN-33720 TAMPERE, Finland and Näreikönkatu 18 E 4, FIN-33820 TAMPERE, Finland**, respectively, 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 **A SWITCH ARRANGEMENT AND A SWITCH MATRIX STRUCTURE FOR A KEYPAD**, which is described in an application for Letters Patent of the United States, executed by us 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 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

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PATENT
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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.

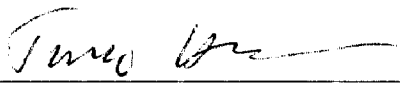
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid 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 Tampere this 10
day of February, 20 03.


Esa MÄÄTTÄ

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

Witness  Date 10.02.2003


Witness  Date 10 Feb 2003

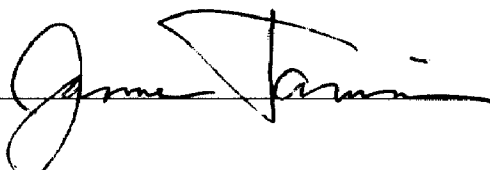
Signed at Tampere this 10th
day of February, 20 03.




Jari SAUKKO

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

Witness  Date 10.08.2003

Witness  Date 10th Feb 2003

Signed at Tampere this 10th
day of February, 20 03.



Henri VÄHÄ-YPYÄ

Signed in our presence by **Henri VÄHÄ-YPYÄ** and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Juha Korpela Date 10th Feb 2003

Witness P. E. Date 10th Feb 2003