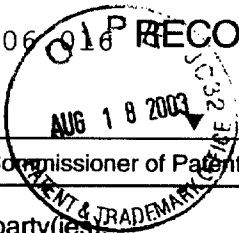


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To the Honorable Commissioner of Patents

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1. Name of conveying party(ies) Pasi KEMPPINEN Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies) Nokia Corporation Keilalahdentie 4 FIN-02150 Espoo Finland Additional name(s) & address(es) attached? No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other

Execution Date: July 14, 2003

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) 10/431,649, filed May 7, 2003

B. Patent No.(s)

Additional numbers attached? 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

8. Deposit account number:

23-0442

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Francis J. Maguire Name of Person Signing

Francis Maguire Signature

13 AUG 03 Date

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

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, PASI KEMPPINEN, a citizen of Finland and residing at Hallituskatu 13 A 15, 33720 Tampere, Finland, 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 MOBILE TERMINAL DEVICE COMPRISING VIBRATING COMPONENT HAVING LIGHT EFFECTS, which is described in an application for Letters Patent of the United States, Serial No. 10/431,649, filed May 7, 2003 and claiming priority to International Patent Application PCT/IB02/01563, filed May 8, 2002; 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 14  
day of JULY, 2003.

  
\_\_\_\_\_  
Pasi Kemppinen

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

Witness  Date 14. 7. 2003

Witness  Date 14. 7. 2003  
Kimmo Putkieranta