

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, JANNE PARANTAINEN and MIKA FORSSELL, citizens of Finland and residing at Franz^{ei}inkatu 5 - JP 10.5.2000 C 75, FIN-00500 Helsinki, Finland; and Bertel Jungin Aukio 4 C 40, FIN-02600 Espoo, Finland; respectively, hereby sell, assign and transfer to NOKIA MOBILE PHONES LTD., 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 A SELECTIVE ACKNOWLEDGEMENT SCHEME IN A MODIFIED UNACKNOWLEDGE MODE FOR USE OVER A COMMUNICATIONS LINK, which is described in an application for Letters Patent of the United States, Serial No. 09/489,262, filed January 21, 2000; 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 the International Convention for the Protection of Industrial Property, as amended, or by convention 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 the International Convention for the protection of Industrial Property, as amended, or by any convention 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 10
day of May, 2000.


Janne Parantainen

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

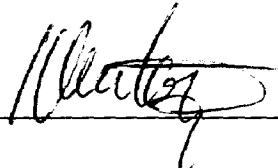
Witness  Date 10.5.2000

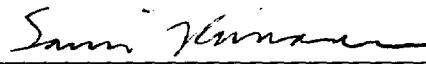
Witness  Date 10.5.2000

Signed at Helsinki this 21
day of February, 2000.

Mika Forssell
Mika Forssell

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

Witness  Date 21. 2. 2000

Witness  Date 21. 2. 2000