



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

1. Name of conveying party(ies):
Juha Ellä
Jyrki Kaitila
Meeri Talvikki Partanen
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
NOKIA MOBILE PHONES LTD
Keilalahdentie 4
FIN-02150, Espoo
FINLAND
Additional name(s) and address(es) attached?

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: February 7 and February 13, 2001
 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: _____

A. Patent Application No.(s)

09/753,214 filed January 2, 2001

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
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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.

James A. Retter
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Signature

23 July 2001
Date

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

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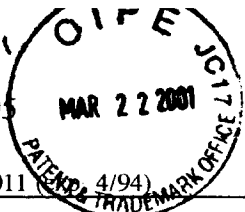
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| <p>1. Name of conveying party(ies): Juha Ellä Jyrki Kaitila Meeri Talvikki Partanen Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies): NOKIA MOBILE PHONES LTD P.O. Box 86 FIN-24101- Salo FINLAND</p> <p>Additional name(s) and address(es) attached? No</p> |
| <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: February 7 and February 13, 2001</p> | |

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03/23/2001 GDEBELA1 00000020 09753214
03 FD:561 40.00 0P

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.

James A. Retter
Name of Person Signing

Signature

March 15, 2001
Date

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

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, WE, **Juha ELLÄ**, **Jyrki KAITILA** and **Meeri Talvikki PARTANEN**, all citizens of Finland and residing respectively at Kääriäisentie 5, 24800 Halikko, Finland, Nelijäs linja 14B, 00530 Helsinki, Finland and Kaskilaaksontie 3 A 1, 02360 Espoo, Finland 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 SOLIDLY MOUNTED MULTI-RESONATOR BULK ACOUSTIC WAVE FILTER WITH A PATTERNED ACOUSTIC MIRROR, which is described in an application for Letters Patent of the United States, Serial No. 09/753,214 filed January 2, 2001; 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 invention 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 the United States 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 any 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 a 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, 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 Salo, FINLAND, this


13th day of February, 2001.


Juha ELLÄ

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

Witness: 

Date: 13.02.2001

Witness: 

Date: 13.02.2001

Signed at ESPOO, FINLAND, this

7th day of FEBRUARY, 2001.

J. Kaitila
Jyrki KAITILA

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

Witness: Jorma Salmi Jorma Salmi

Date: 07.02.01

Witness: Mika Leini MIKA LEINI

Date: 7.2.2001

Signed at Espoo, Finland, this

7th day of February, 2001.

Meeri Partanen
Meeri Talvikki PARTANEN

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

Witness: Leena Mäkelä Leena Morkonen

Date: 7.2.01

Witness: Ilse Jousanen

Date: 7.2.2001