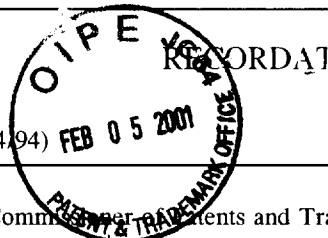


Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



02-28-2001



101622668

Atty. Docket No. 944-3.39

U.S. Department of Commerce
Patent and Trademark Office

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

1. Name of conveying party(ies):
Markku Antero YLILAMMI

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 1, 2000

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

Yes No

2-5-01

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/ 707,092 filed on November 6, 2000

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
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
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8. Deposit account number

23-0442

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January 31, 2001 _____

Date

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PATENT
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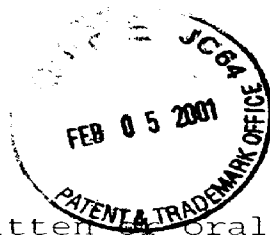
ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, **Markku Antero YLILAMMI**, a citizen of Finland and residing at Peräsin 2A, 02320 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 THIN-FILM BULK ACOUSTIC RESONATOR WITH ENHANCED POWER HANDLING CAPACITY, which is described in an application for Letters Patent of the United States, Serial No. 09/707,092 filed November 6, 2000; 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 invention 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 the United States 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 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



S.N. 09/505,411

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 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.

I 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 Espos, this 1 day of December, 2000.

M. Ylilammi
Markku Antero YLILAMMI

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

Witness: Jukka Holanen

Date: 1. Dec. 2000

Witness: Taru Paal

Date: 1. Dec 2000