

06-30-1998

FORM PTO-1595  
(Rev. 6-93)

RECORI



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

Tab settings     ▼

100749844

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

MRD 6.17.98

1. Name of conveying party(ies):

Juha EIIa

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Nokia Mobile Phones Limited

Internal Address: \_\_\_\_\_

Street Address: Keilalahdentie 4

02150 Espoo, Finland

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 06/08/98

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)

09/057,299 filed 04/08/98

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Harry F. Smith, Esq.

Internal Address: Perman & Green, LLP

Street Address: 425 Post Road

City: Fairfield State: CT ZIP: 06430

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

06/25/1998 KHORLINE 00000101 09057299

02 FC:581

DO NOT USE THIS SPACE

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.

Harry F. Smith

Name of Person Signing

*Harry F. Smith*  
Signature

6/15/98  
Date

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

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

Practitioner's Docket No. 309-007571-US(PAR)

PATENT

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
 U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By:  Inventor(s) or  Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or entity(ies) who own the invention

Juha Ella  
*(type or print name(s) of ASSIGNOR(S))*

~~Pyynelankatu 5 Kaaniaseutie 5~~  
Address 24800 Halikko 8th June 1998  
~~24260 Salo, Finland~~ *Juha Ella*

Finnish  
Nationality

*(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

Nokia Mobile Phones Limited  
*(type or print name(s) of ASSIGNEE(S))*

Keilalahdentie 4  
Address  
02150 Espoo, Finland

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
Monolithic Filters Utilizing Thin Film Bulk Acoustic Wave Devices and Minimum Passive  
Components for Controlling the Shape and Width of a Passband Response  
Name of inventor(s) Juha Ella

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.  
 Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

- (d)  U.S. application no. 09 / 057,299  
filed on 4/8/98  
(e)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_  
(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention [16-3]—page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 8th day  
of June 1998  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 8th June 1998

  
Signature of ASSIGNOR(S)

Date:

Juha Ella

Date:

\_\_\_\_\_

Date:

\_\_\_\_\_

*(if ASSIGNOR is a legal entity, complete the following information)*

\_\_\_\_\_  
*(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)*

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)