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PATENTS ONLY

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Patents & Trademark Office

Attorney Docket No. 59643.00019
Date: December 9, 2002

12.9.02

102436845

BOX ASSIGNMENT

To the Commissioner of Patents
Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

(1) Olli SALMELA; & (2) Ilpo KOKKONEN
Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Address: Keilalahdentie 4
FIN-02150 Espoo, Finland

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

Yes No

3. Nature of conveyance:

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

Execution Date: (1) November 27, 2002; & (2) November 26, 2002

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: All on November 26, 2002

A. Patent Application No.(s)
New Application

B. Patent No.(s)

102436845

Additional numbers attached? Yes No

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

Name: Squire Sanders & Dempsey L.L.P.

Street Address: 8000 Towers Crescent Drive, 14th Floor

Tysons Corner, Virginia 22182-2700

6. Total number of applications and patents involved:
One

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

Included in attached Check No. DD 1830

Any additional fees are authorized to be charged to deposit account

8. Counsel's Deposit account number: 50-2222
(Attach duplicate copy of this page if paying by deposit account)

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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.

Douglas H. Goldhush
Name of Person Signing
Reg. No. 33,125

Signature

December 9, 2002
Date

Total number of pages including cover sheet, attachments, and document: 2

SQUIRE, SANDERS & DEMPSEY L.L.P.

Docket No. 59643.00019

U.S. ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)]

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
FINLAND

(hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

WAVEGUIDE IN MULTILAYER STRUCTURES

[*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____

(Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

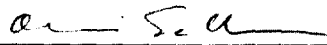


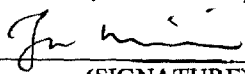
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

	<u></u> (SIGNATURE)	<u>Olli SALMELA</u> (TYPE NAME)	<u>27.11.2002</u> (DATE)
	<u></u> (SIGNATURE)	<u>Ipo KOKKONEN</u> (TYPE NAME)	<u>26.11.2002</u> (DATE)
1. WITNESS	<u></u> (SIGNATURE)	<u>Jukka Korhonen</u> (TYPE NAME)	<u>27.11.2002</u> (DATE)
2. WITNESS	<u></u> (SIGNATURE)	<u>Jari Heikkinen</u> (TYPE NAME)	<u>27.11.2002</u> (DATE)
	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 12/09/2002

REEL: 014010 FRAME: 0184