

09-22-2004

U.S. Department of Commerce
Patents & Trademark Office

Attorney Docket No. 59643.00461
Date: September 8, 2004

MAILSTOP ASSIGNMENT

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10/935323

090804

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

1. Name of conveying party(ies)

1. Sari NIELSEN, 2. Luis BARRETO, 3. Quan TAT, 4.
Kimmo KETTUNEN, 5. Jussi NUMMINEN
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. August 23, 2004, 2. July 12, 2004, 3. July 12,
2004, 4.. July 13, 2004 and August 4, 2004

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: 1. August 23, 2004, 2. July 12,
2004, 3. July 12, 2004, 4.. July 13, 2004 and August 4, 2004

A. Patent Application No.(s)

B. Patent No.(s)

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. 011981.

☒ 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 Reg #43437

September 8, 2004
Date

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

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

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo, Finland

[Title of
Invention]

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

*filed on _____, Serial No. _____

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 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.

[Signature(s)
of Assignor(s)]

NO LEGALIZATION REQUIRED

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]

FREQUENCY LAYER CONVERGENCE METHOD FOR MBMS

[*If the assignment
is being filed
after the filing of the
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for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

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

[Signature(s)
of Assignor(s)]

_____ (SIGNATURE)	Sari NIELSEN _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Luis BARRETO _____ (TYPE NAME)	12/Jun/2004 _____ (DATE)
_____ (SIGNATURE)	Quan TAT _____ (TYPE NAME)	12/Jun/2004 _____ (DATE)
_____ (SIGNATURE)	Kimmo KETTUNEN _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Jussi NUMMINEN _____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED

PATENT
REEL: 015791 FRAME: 0741

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[Insert
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Name(s)
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Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo, Finland

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[Title of
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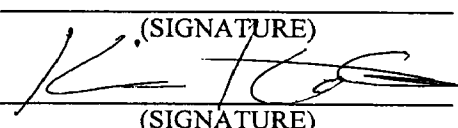
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of Assignor(s)]

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_____ (SIGNATURE)	Luis BARRETO (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Quan TAT (TYPE NAME)	_____ (DATE)
 (SIGNATURE)	Kimmo KETTUNEN (TYPE NAME)	13/7/2004 (DATE)
_____ (SIGNATURE)	Jussi NUMMINEN (TYPE NAME)	_____ (DATE)

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U.S. ASSIGNMENT

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[Insert
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_____ (SIGNATURE)	Quan TAT _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Kimmo KETTUNEN _____ (TYPE NAME)	_____ (DATE)
 _____ (SIGNATURE)	Jussi NUMMINEN _____ (TYPE NAME)	4.8.2004 _____ (DATE)

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