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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 59864.00722

Date: October 4, 2006

MAILSTOP ASSIGNMENT

To the Director of the U.S. Patent and Trademark Office Please record the attached original documents or copy thereof 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): (1) Ülo PARTS Name: Nokia Corporation (2) Anders ØSTERGAARD NIELSEN (3) Kaj JANSEN Address: Keilalahdentie 4 FIN-02150 Espoo Additional name(s) of conveying party(ies) attached? Finland ☐ Yes ⊠ No Additional name(s) & address(es) attached? ☐ Yes ☑ No 3. Nature of conveyance/Execution Date(s): Execution Date(s): September 28, 2006 Assignment Merger ☐ Change of Name
☐ Security Agreement Government Interest Assignment Joint Research Agreement □ Executive Order 9424, Confirmatory License ☐ Other 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: September 28, 2006 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes ☑ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: Name: Squire Sanders & Dempsey L.L.P. 7. Total fee (37 CFR 1.21(h) & 3.41)......... \$ 40.00 Street Address: 8000 Towers Crescent Drive, 14th Floor ☑ Included in attached Check No. 15141. Tysons Corner, Virginia 22182-2700 Any additional fees are authorized to be charged to Phone Number: (703) 720-7800 deposit account Fax Number: (703) 720-7802 0/05/2006 JBALINAN 00000042 115**42**1 8. Counsel's Deposit account number: 50-2222 40.00 OF (Attach duplicate copy of this page if paying by 6 FC:8021 deposit account) 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. Douglas H. Goldhush October 4, 2006 Name of Person Signing Date Reg. No. 33,125

REEL: 018376 FRAME: 0407

PATENT

Total number of pages including cover sheet, attachments, and document: 4

Docket No. 59864.00722

WORLDWIDE INVENTION 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

[Title of Invention] PILOT SCRAMBLING ENABLING DIRECT PILOT SEQUENCE DETECTION IN INITIAL

[*If the assignment is being filed after the filing of the application, this section must be completed] for which the following applications were filed:

ACQUISITION IN EVOLVED UTRA

*Filed on:

October 28, 2005

Application Number(s)

60/730,867

(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 any country in the world 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)]

Mo Part	Ülo PARTS	28.09.2006
(SIGNATURE)	(TYPE NAME) Anders ØSTERGAARD NIELSEN	(DATE)
(SIGNATURE)	(TYPE NAME) Kaj JANSEN	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 018376 FRAME: 0408 Docket No. 59864.00722

WORLDWIDE INVENTION 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]

PILOT SCRAMBLING ENABLING DIRECT PILOT SEQUENCE DETECTION IN INITIAL ACQUISITION IN EVOLVED UTRA

[*If the assignment is being filed after the filing of the application, this section must be completed] for which the following applications were filed:

*Filed on:

October 28, 2005

Application Number(s)

60/730,867

(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 any country in the world 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.

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

[Signature(s) of Assignorts)]

a	Ülo PARTS	
(SIMILATURE)	(TYPE NAME)	(DATE)
	Anders ØSTERGAARD NIELSEN	28. SEP. 2006
(SIGNATURE)	(TYPE NAME) Kaj JANSEN	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 018376 FRAME: 0409

Docket No. 59864.00722

WORLDWIDE INVENTION ASSIGNMENT

Insert

Name(s)

ITitle of Invention

completed]

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Nokia Corporation ASSIGNEE's Keilalahdentie 4 FIN-02150 Espoo Address(es)] 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 PILOT SCRAMBLING ENABLING DIRECT PILOT SEQUENCE DETECTION IN INITIAL ACQUISITION IN EVOLVED UTRA for which the following applications were filed: f*If the assignment is being filed *Filed on: Application after the filing of the 60/730,867 October 28, 2005 application, this Number(s) section must be (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 any country in the world 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) Ülo PARTS of Assignor(s)] (SIGNATURE) (TYPE NAME) (DATE) Anders ØSTERGAARD **NIELSEN** (SIGNATURE) (TYPE NAME) (DATE) Kaj JANSEN 842000 (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

PATENT RECORDED: 10/04/2006 REEL: 018376 FRAME: 0410

(TYPE NAME)

(DATE)

(SIGNATURE)