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TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Harri HOLMA
- 2. Antti TOSKALA
- 3. *03/27/01*
- 4.
- 5.
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Nokia Networks Oy

ADDRESS: Keilalahdentie 4, FIN-02150 Espoo, Finland

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: January 15, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) January 15, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
09/744,015	276617		<i>09/744015</i>		

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 276617	T298060US
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
UNDER ORDER NO	60258	276617
dup. sheet not required	CLIENT NO.	MATTER NO.

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10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Signature

Attorney: Christine H. McCarthy

Reg. No. 41844

Atty/Sec: CHM/EED

Date: March 27, 2001

FAX: (202) 822-0944

TEL: (202) 861-3075

FILE WITH PTO RETURN RECEIPT (PAT-103A)

ASSIGNMENT

WHEREAS, Harri HOLMA and Antti TOSKALA

HOLMA: Ripusuontie 92 C, FIN-00660 Helsinki, Finland

TOSKALA: Katajajarjuntie 4 C 48, FIN-00200 Helsinki, Finland

have invented certain new and useful improvements in Data transmission method, radio network subsystem, and user equipment

for which we are about to make application for Letters Patent of the United States of America;
(I/We have made--or am/are about to make)

AND WHEREAS, Nokia Networks Oy

Keilalahdentie 4, FIN-02150 Espoo, Finland

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of ten Dollars (\$10)

to us in hand paid, the receipt of which is hereby acknowledged we have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Nokia Networks Oy

* our entire right, title, and interest in and to the said invention, as fully set forth and described in the:

- Delete a) specification prepared and executed by _____ on the _____ day of _____, 20____,
- inapplicable b) application filed on the 21 day of July, ~~20~~1999, Serial No. PCT/FI99/00635
- wording preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Nokia Networks Oy for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us _____ had this assignment and sale not been made.

IN TESTIMONY WHEREOF, _____ hereunto set _____ hand _____ and affix _____ seal _____ at Espoo, Finland this 15 day of January, A.D. 2001.

Harri Holma
(Inventor's full Signature)

Antti Toskala

* State whether the full and exclusive right, or what part of the whole interest is assigned.