

BOX ASSIGNMENTS

09-14-2001

07 2001

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COVER SHEET
PATENTS ONLY

TO THE ASSISTANT COMM.

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<S:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

9.7.01

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

- 1. Veli LIPPONEN
- 2. Pentti MOILANEN
- 3.
- 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: 1) July 4, 2001; 2) July 25, 2001

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

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 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
09/803,867	281473	LIPPONEN			

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

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

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 281473	T298079US/PYK/HER
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO	60258	281473
dup. sheet not required	CLIENT NO.	MATTER NO.

9.

Signature

Attorney: Christine H. McCarthy

Reg. No. 41844

Atty/Sec: CHM/JRH

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

3

Date: September 7, 2001

FAX: (703) 905-2500

TEL: (703) 905-2143

FILE WITH PTO RETURN RECEIPT (PAT-103A)

09/10/2001 EABUBAK1 00000081 09903867

03 FC:581

40.00 GP

ASSIGNMENT

WHEREAS, 1. Veli LIPPONEN, 2. Pentti MOILANEN

Kaiturinkatu 11 A 1 Myllytie 2 C 21

FIN-33820 Tampere FIN-90500 Oulu

Finland Finland

have invented certain new and useful improvements in Method for updating linear feedback shift register of code generator

for which we are about to make

(I/We have made--or am/are about to make)

application for Letters Patent of the United States of America;

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:

(a) specification prepared and executed by _____ on the _____ day of _____, 20____,
(b) application filed on the 22 day of March, 2000, Serial No. PCT/FI00/00236, 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.

Delete inapplicable wording

IN TESTIMONY WHEREOF, _____ hereunto set _____ hand _____ and affix seal _____ at _____ Tampere this 4th day of

July, A.D. 2001.


(Inventor's full Signature)
Veli Lipponen

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

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Finland Finland

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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:

(a) specification prepared and executed by on the day of , 20 ,

(b) application filed on the 22 day of March, 2000, Serial No. PCT/FI00/00236, 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 Oulu this day of

25.7., A.D. 2007.



(Inventor's full Signature)

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

Delete
inapplicable
wording