

MRD 6-4-98

BOX ASSIGNMENT

06-10-1998

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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

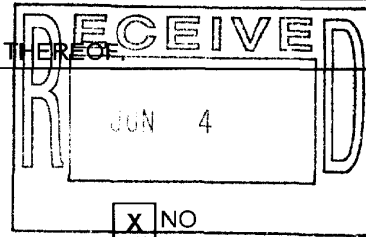
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. HAMALAINEN, Jari
2. VAINIKKA, Jari
3. HONKASALO, Zhi-Chun
4. JOKINEN, Harri

5. POSTI, Harri

- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES

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

NAME: NOKIA TELECOMMUNICATIONS 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☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☒ OTHER: Req. for Correction of Notice of Recordation of AssignmtEXEC. DATE: 1) February 21, 1997; 2 &
3) February 28, 1997;
4) February 25, 1997; 5) March 10, 1997

4. EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ↑ ↓ 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# | 1ST INVENTOR if not in item 1 | B. PATENT NO(S) | M# | 1ST INVENTOR if not in item 1 |
|--|--------|----------------------------------|-----------------|----|----------------------------------|
| 08/817,963 | 237343 | | | | |

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

CUSHMAN DARBY & CUSHMAN, L.L.P.
Intellectual Property Group of
Pillsbury Madison & Sutro LLP
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS: 1 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL X \$40 = \$ 40.00

5.5 ATTY DKT:

237343

2941656US/42472

MATTER NO.

CLIENT REF.

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

UNDER ORDER NO

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237343

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CLIENT NO.

MATTER NO.

06/09/1998 JSHADAZZ 00000140 08817963

01 FF:5A1

40.00 DP

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.

Signature

Attorney: David W. Brinkman

Reg. No. 20,817

Atty/Sec: DWB:mmg TEL: (202) 861- 3033

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

3

Date: June 4, 1998

Fax: (202) 822-0944

FILE WITH PTO RETURN RECEIPT(CDC-103A)

PATENT

REEL: 9217 FRAME: 0373 DC-114X 12/95 cl

Please return signed/recorded to:
Cushman Darby & Cushman, L.L.P.
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

9114761
NC 2375

For Inventions made outside USA
executed with or after application

Atty. Dkt. 237343 2941656US/42472
M# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

| | |
|------------------------|----------------------------------|
| (1) Jari Hämäläinen | (4) Harri Jokinen |
| (2) Jari Vainikka | (5) Harri Posti |
| (3) Zhi-Chun Honkasalo | [] x box if continued on page 2 |

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Nokia Telecommunications Oy

Upseerinkatu 1

FIN-02600 Espoo

Finland

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF
INVENTION

Data transmission method in a TDMA mobile communication system

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE ---
(Complete
line A, B and/or C)

(A) ☒ even date herewith

(B) ☐ on

(C) ☐ in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --- The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1)

Name: Jari Hämäläinen

2)

Name: Jari Vainikka

3)

Name: Zhi-Chun Honkasalo

4)

Name: Harri Jokinen

5)

Name: Harri Posti

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.

Please return signed/recorded to:
Cushman Darby & Cushman, L.L.P.
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application
Atty. Dkt. 237343 2941656US/4247
M# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

| | | |
|-------------------------------------|------------------------|----------------------------------|
| INSERT NAME(S) OF INVENTOR(S) | (1) Jari Hämäläinen | (4) Harri Jokinen |
| | (2) Jari Vainikka | (5) Harri Posti |
| | (3) Zhi-Chun Honkasalo | [] x box if continued on page 2 |

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| | |
|--|-----------------------------|
| INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) | Nokia Telecommunications Oy |
| | Upseerinkatu 1 |
| | FIN-02600 Espoo |
| | Finland |

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NOTE →→ The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| INVENTOR(S) | DATE SIGNED | WITNESSES |
|--|--------------------|--------------------|
| 1) <u>Jari Hämäläinen</u> Name: Jari Hämäläinen | <u>21.02.1997</u> | <u>[Signature]</u> |
| 2) <u>Jari Vainikka</u> Name: Jari Vainikka | <u>[Signature]</u> | <u>[Signature]</u> |
| 3) <u>Zhi-Chun Honkasalo</u> Name: Zhi-Chun Honkasalo | | |
| 4) <u>Harri Jokinen</u> Name: Harri Jokinen | <u>21.02.1997</u> | <u>[Signature]</u> |
| 5) <u>Harri Posti</u> Name: Harri Posti | <u>[Signature]</u> | <u>[Signature]</u> |

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.