

05-07-2001

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101703782

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY
F PATENTS AND TRADEMARKS:
ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. RAJANIEMI, Jaakko
3. EINOLA, Heikki
5. HULKKONEN, Tony

2. AHMAVAARA, Kalle
4. BACK, Juha
6. HAUMONT, Serge
8.

04/16/01

H/D

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

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

NAME: NOKIA NETWORKS OY

ADDRESS: Keilahdentie 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) Jan. 25; 2) Jan. 9; 3) & 6) Feb. 2; 4) Jan 29; and 5) Jan. 30, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) Jan 25; 2) Jan. 9 3) & 6) Feb. 2; 4) Jan. 29 and 5) Jan. 30, 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 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
09/763,883	277191				

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 0 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$0

5.5 ATTY DKT:

P 277191 2990533US/Vk/kp
MATTER NO. CLIENT REF.

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

UNDER ORDER NO 60258 277191
dup. sheet not required CLIENT NO. MATTER NO.

9.

Signature

Attorney: Christine H. McCarthy

Reg. No. 41844

Atty/Sec: CHM/mhn

TEL: (202) 861-3075

Date: April 16, 2001

FAX: (202) 822-0944

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

3

FILE WITH PTO RETURN RECEIPT (PAT-103A)

ASSIGNMENT

WHEREAS, 1. Jaakko RAJANIEMI, Lapinrinne 2 A 11, FIN-00180 Helsinki, Finland
2. Kalle AHMAVAARA, Hakaniemenranta 18 D 62, FIN-00530 Helsinki, Finland
3. Heikki EINOLA, Kaksoiskiventie 7-9-B 5, FIN-02760 Espoo, Finland

have invented certain new and useful improvements in Location management for cellular systems
for which we are about to make application for Letters

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

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:

Delete
inapplicable
wording

a) specification prepared and executed by on the day of , 20 ,
b) application filed on the 26 day of April, 2000, Serial No. PCT/FI00/00357
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 25 day of January, A.D. 20 01.

at Espoo, Finland 9 January 2001
at Espoo, Finland 2 February 2001

2. Kalle Ahmavaara KALLE AHMAVAARA
(Inventor's full Signature)
Jaakko Rajaniemi JAAKKO RAJANIEMI
Heikki Einola HEIKKI EINOLA

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

ASSIGNMENT

WHEREAS, 4. Juha BÄCK, Tulisuonkuja 1 A 4, FIN-00930 Helsinki, Finland

5. Tony HULKKONEN, Porvoonkatu 1 F 214, FIN-00510 Helsinki, Finland

6. Serge HAUMONT, Riistavuorenkuja 3 B 10, FIN-00320 Helsinki, Finland

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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)

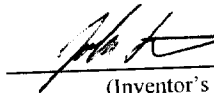
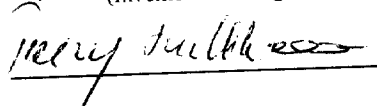
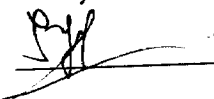
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for which said Letters Patent are granted, as fully and entirely as the same would have been held by
us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, _____ hereunto set _____ hand _____ and affix _____ seal _____ at

Espoo, Finland this 29 day of January, A.D. 2001.
Espoo, Finland 30 January 2001
Espoo, Finland 2 February 2001

 Juha Bäck
(Inventor's full Signature) TONY
 HULKKONEN
 Serge Haumont

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