

04-23-2003

Atty. Docket No. **4208-4122**

EET

102427289

**To The Honorable Commissioner of Patents and Trademarks:**

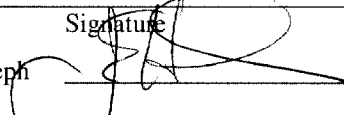
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1c978 U.S. PTO  
10/414138  
04/16/03

1. Name of conveying party(ies): <p style="text-align: right; font-size: 1.5em;">4.16.03</p> Tomi Heinonen and Timo Saarela  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 02150 Espoo, Finland  Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment  <input type="checkbox"/> Other  Execution Date(s): April 14, 2003	4. Patent Application number(s)  <p style="text-align: center; font-size: 1.5em;">10414138</p> Execution Date(s): April 14, 2003
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joseph C. Redmond, Jr. Address: Morgan & Finnegan, LLP 345 Park Avenue New York, NY 10154	6. Total number of applications involved: 1 7. Total fee (37 CFR 3.41): \$40.00  <input checked="" type="checkbox"/> A check in the amount of \$40.00 is enclosed. <input type="checkbox"/> Charge to Deposit Account No.13-4500, Order No. .  <input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4503 No. 4208-4122 (A duplicate copy of this sheet is enclosed)

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8. 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 original document.

Name of Person Signing	Signature 	Date:
John E. Hoel, Reg. No. 26,279 for Joseph C. Redmond, Jr. Reg. No. 18,753		April 16, 2003

Total no. of pages including cover sheet, attachments and document: 3

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04/22/2003 LMUELLER 00000244 10414138

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42208 v1

(Symbol 28770)

**PATENT**  
**REEL: 013969 FRAME: 0319**

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS:

Tommi Heinonen, of Tähkänitynkatu 6F, 33610 Tampere, Finland and Timo Saarela of Kanjoninkatu 3A3,  
33720 Tampere, Finland,

(hereinafter referred to as ASSIGNOR(S)), has made a discovery or invention entitled:

**A SHORT-RANGE RADIO TERMINAL ADAPTED FOR DATA  
STREAMING AND REAL TIME SERVICES**

- ☒ for which application for Letters Patent of the United States has been executed on even date herewith,  
☐ for which application for Letters Patent of the United States has been filed on \_\_\_\_\_, under Serial No.  
\_\_\_\_\_, and

WHEREAS:

Nokia Corporation, of Keilalahdentie 4, FIN-02150 Espoo, FINLAND

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and  
in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and  
all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for valuable consideration by ASSIGNEE to ASSIGNOR(S), the receipt of which is hereby  
acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives  
and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its  
territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United  
States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said  
application or any continuation, division, renewal, substitute, reissue or reexamination thereof or any legal  
equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United  
States of America and any Official of any country or countries foreign to the United States of America whose duty it  
is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention  
to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and  
behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this  
instrument.

(Nokia 28770)

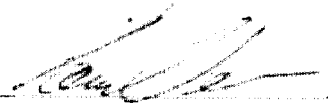
42103 v1

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, reissue and reexamination applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Signed:

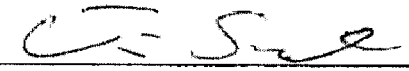
(1)

  
\_\_\_\_\_  
Tomi Heinonen

Date:

14.4.2003

(2)

  
\_\_\_\_\_  
Timo Saarela

Date:

14.4.2003