

04-30-2004

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1. Name of conveying party(ies): Ulrico Celentano Juha Salokannel Jukka Reunamäki Arto Palin Harald Kaaja 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 Keilalahdentie 4 FIN-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): <u>April 19, 2004; April 18, 2004; April 20, 2004; April 20, 2004; and April 20, 2004, respectively</u>		4. Patent Application number(s) or Patent Number(s) <u>10/704,744 filed on November 12, 2003</u> The execution date of the application is: <u>April 19, 2004; April 18, 2004; April 20, 2004; April 20, 2004; April 20, 2004; respectively</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John A. Harroun, Esq. Address: Morgan & Finnegan LLP 345 Park Avenue New York, New York 10154 Attorney's Docket No. <u>4208-4157US1</u>		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. <u>13-4503</u> , Order No. . <input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4503, Order No. <u>4208-4157US1</u> .	
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Name of Person Signing John A. Harroun		Signature 	Date: April 26, 2004
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ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS:**

Ulrico Celentano, Ylinpistokatu 46 as 419, 90570 Oulu, FINLAND

Julia Salokannel, Toikantie 6 B 13, 36240 Kangasala, FINLAND;

Jukka Reunamäki, Clementinpolku 15 C 32, 33720 Tampere, FINLAND;

Arto Palin, Rantatie 39, 37830 Viiala, FINLAND; and

CALLANKATU 7B3, 04130 JÄRVENPÄÄ, FINLAND

Harald Kaaja, Itämerenkatu 16 K 125, 00180 Helsinki, FINLAND,

"KK, 20.4.04"

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

**METHOD AND SYSTEM FOR SUPPORTING RESIDUAL ENERGY AWARENESS IN
AN AD HOC WIRELESS COMMUNICATIONS NETWORK**

- ☐ 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 November 12, 2003, under Serial No. 10/704,744, 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.


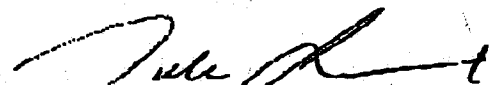

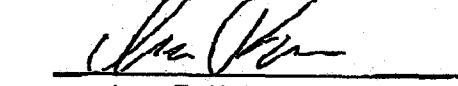
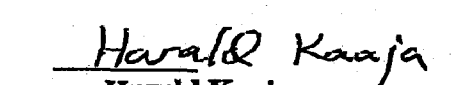
I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters

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.

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:

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| (1) | 
Ulrico Celentano | Date: 19.4.2004 |
| (2) | 
Juha Salokannel | Date: 18.4.2004 |
| (3) | 
Jukka Rannanmäki | Date: 20.4.2004 |
| (4) | 
Arto Palin | Date: 20.4.2004 |
| (5) | 
Harald Kaaja | Date: 20.4.2004 |