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3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 27 October 2000		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the <b>Mailing Date</b> of the application is: <b>29 December 2000</b> A. Patent Application No.(s):  09752003 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Patent No.(s):	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Clarence A. Green Address: Perman & Green, LLP 425 Post Road  City: Fairfield  State: CT ZIP Code: 06430-6232		6. Total number of applications and/or patents involved: ..... 1 7. Total fee (37 CFR 3.41): .....\$40.00  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: 16-1350	
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For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
          ☐ U.S. Patent  
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**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR**

(inventor(s) or person(s) or  
entity(ies) who own the  
invention)

ASTALA, Jari

(type or print name(s) of ASSIGNOR(S))

Hatanpään valtatie 12 C 51

(Address)

FIN-33100 Tampere, FinlandFinland

(Nationality)

(if assignment is by person or entity to whom invention was previously assigned and  
this was recorded in PTO, add the following)

**Recorded on** \_\_\_\_\_

**Reel** \_\_\_\_\_

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hereby sells, assigns and transfers to

**ASSIGNEE**Nokia Mobile Phones Ltd

(type or print name(s) of ASSIGNEE(S))

Keilalahdentie 4

(Address)

FIN-02150 Espoo, FinlandFinland

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest  
an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority  
in and to any and all improvements which are disclosed in the invention entitled:

**Method and apparatus for protection of batteries**

(check and complete (a), (b), (c), (d) or (e))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.

(c) ☐ U.S. application serial no. \_\_\_\_\_ / \_\_\_\_\_ filed on \_\_\_\_\_

(d) ☐ International application no. PCT \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

(e) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (f), if foreign application(s) is also being assigned)

(f) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

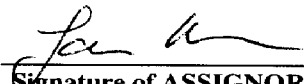
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

27th day of October 2000 (Date of signing).

**WARNING:** *The date of signing must be the same as the date of execution of the application, if item (a) was checked above.*



\_\_\_\_\_  
Signature of ASSIGNOR(S)

Jari Astala  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If ASSIGNOR is a legal entity complete the following information

\_\_\_\_\_  
(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

**NOTE:** *No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.*

☐ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

RECORDED: 12/29/2000

PATENT  
REEL: 011411 FRAME: 0812