



For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  
 U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By:  Inventor(s) or  Present Owner

### ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

#### ASSIGNORS (Inventors):

HAVERINEN, Henry  
 (type or print name of inventors)

Arkkitehdinkatu 15 A 3  
 Address

Finnish  
 (Nationality)

FIN-33720 Tampere, Finland

HONKANEN, Jukka-Pekka  
 (type or print name of inventors)

Aleksanterinkatu 17 A 46  
 Address

Finnish  
 (Nationality)

FIN-33100 Tampere, Finland

KUIKKA, Antti  
 (type or print name of inventors)

KATTILAISTENTIE 28 D 17  
~~Insinöörinkatu 84 C 39~~  
 Address

Finnish  
 (Nationality)

FIN-33260 Pirkkala, Finland  
~~FIN-33720 Tampere, Finland~~

*Antti Kuikka*  
 15.2.01

ASOKAN, Nadarajah  
 (type or print name of inventors)

Ankkurinvarsi 6 K  
 Address

Canadian  
 (Nationality)

FIN-02320 Espoo, Finland

FLYKT, Patrik  
 (type or print name of inventors)

Silmupolku 1 B 43  
 Address

Finnish  
 (Nationality)

FIN-00380 Helsinki, Finland

ALA-LAURILA, Juha  
(type or print name of inventors)

Mustalahdenkatu 10 A 5  
Address

Finnish  
(Nationality)

FIN-33210 Tampere, Finland

RINNEMAA, Jyri  
(type or print name of inventors)

Kaiturinkatu 16 A 5  
Address

Finnish  
(Nationality)

FIN-33820 Tampere, Finland

TAKAMÄKI, Timo  
(type or print name of inventors)

Helaraitti 1 B  
Address

Finnish  
(Nationality)

FIN-33720 Tampere, Finland

VUONNALA, Raimo  
(type or print name of inventors)

Finnoontie 54 M 33  
Address

Finnish  
(Nationality)

FIN-02280 Espoo, Finland

EKBERG, Jan-Erik  
(type or print name of inventors)

Seljatie 1 A 5  
Address

Finnish  
(Nationality)

FIN-00320 Helsinki, Finland

MIKKONEN, Tommi  
(type or print name of inventors)

Peltovainionkatu 45  
Address

Finnish  
(Nationality)

FIN-33400 Tampere, Finland

AALTO, Petri  
(type or print name of inventors)

Pärrinkuja 2  
Address

Finnish  
(Nationality)

FIN-33920 Pirkkala, Finland

HONKANEN, Seppo  
(type or print name of inventors)

Mustanhalssinkuja 11  
Address

Finnish

FIN-00760 Helsinki, Finland

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA CORPORATION

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

KEILALAHDENTIE 4

Address

FIN-02150 ESPOO, FINLAND

FINNISH

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:

AUTHENTICATION IN A PACKET DATA NETWORK

[check and complete (a), (b), (c), (d), (e), (f) or (g)]

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on  
(c)'  U.S. provisional application naming the above inventor(s) for the above-entitled invention.  
 Express mail label no.:  
Mailed:  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.  
(d)  U.S. application no. 09/756,346 filed on 8 January 2001  
(e)  International application no. PCT/  
(f)  U.S. patent no. \_\_\_\_\_ issued  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  
[also check (g), if application(s) is also being assigned]  
(g)  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.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED February 14th 2001  
DATE

SIGNATURE OF ASSIGNOR(S)  
  
Name of Inventor: Henry Haverinen

14th February 2001  
DATE

  
Name of Inventor: Jukka-Pekka Honkanen

15th February 2001  
DATE

  
Name of Inventor: Antti Kuikka

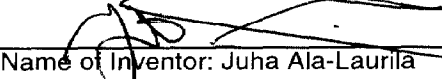
\_\_\_\_\_  
DATE

\_\_\_\_\_  
Name of Inventor: Nadarajah Asokan

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Name of Inventor: Patrik Flykt

19th February 2001  
DATE

  
Name of Inventor: Juha Ala-Laurila

19th February 2001  
DATE

  
Name of Inventor: Jyri Rinnemaa

21st February 2001  
DATE

  
Name of Inventor: Timo Takamäki


\_\_\_\_\_  
DATE

\_\_\_\_\_  
Name of Inventor: Raimo Vuonnala

\_\_\_\_\_  
DATE

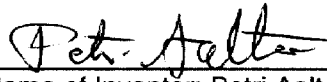
\_\_\_\_\_  
Name of Inventor: Jan-Erik Ekberg

20th February 2001  
DATE

  
Name of Inventor: Tommi Mikkonen

21<sup>st</sup> Feb 2001

DATE



Name of Inventor: Petri Aalto

DATE

Name of Inventor: Seppo Honkanen

*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.