

RECO

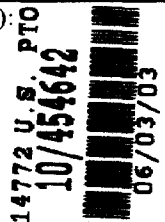
6-3-03



102470688

Commissioner of Patents and Trademarks,

<p>1. Name of conveying party(ies): Aki Salminen Ari Salmi Arto Nabbvik Pekka Vayrynen</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Nokia Corporation</p> <p>Address: Keilalahdentie 4</p> <p>City: Espoo State: ZIP Code: FIN-02150 Country: Finland</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:</p> <p>Execution Date: April 30, 2003 and May 6, 2003</p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>April 30, 2003 and May 6, 2003</u></p> <p>A. Patent Application No.(s): <u>10,454642</u>  B. Patent No.(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Harry F. Smith Address: Harrington &amp; Smith, LLP 4 Research Drive City: Shelton State: CT ZIP Code: 06484-6212</p>	<p>6. Total number of applications and/or patents involved: ..... 1</p> <p>7. Total fee (37 CFR 3.41): .....\$40.00</p> <p><input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Charge deposit account  <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: <u>50-1924</u></p>
<p style="text-align: center;">DO NOT USE THIS SPACE</p>	
<p>9. Statement And Signature:</p> <p style="text-align: center;"><i>To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.</i></p> <p><u>Harry F. Smith</u> Name of Person Signing</p> <p><u>Harry F. Smith</u> Signature</p> <p><u>June 3, 2003</u> Date</p> <p style="text-align: right;">Total number of pages including cover sheet(s): 5 Page 1 of 1.</p>	



U.S. PATENT AND TRADEMARK OFFICE

For  U.S. and/or  Foreign Rights  
For  U.S. Application or  U.S. Patent  
For  PCT Application  
By Single or Multiple Inventors

### ASSIGNMENT OF INVENTION

Docket No.

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below,  
or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

1<sup>st</sup> ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Salminen</b>	<b>Aki</b>	
RESIDENCE CITIZENSHIP	STATE OR COUNTRY		CITIZENSHIP
	<b>Finland</b>		<b>Finnish</b>
POST OFFICE ADDRESS	P.O. ADDRESS		CITY & COUNTRY
	<b>Yliopistokatu 10 B 315</b>		<b>FIN-90570 Oulu, Finland</b>

2<sup>nd</sup> ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Salmi</b>	<b>Ari</b>	
RESIDENCE CITIZENSHIP	STATE OR COUNTRY		CITIZENSHIP
	<b>Finland</b>		<b>Finnish</b>
POST OFFICE ADDRESS	P.O. ADDRESS		CITY & COUNTRY
	<del>KONTISENKIVUO 24</del> <del>Yrjö Saarelaentie 13 C 3</del>		<i>Ari Salmi</i> <b>ARI SALMI</b> <del>FIN-90310 OULU, Finland</del> <del>FIN-90650 Oulu, Finland</del>

3<sup>rd</sup> ASSIGNOR (inventor)

FULL NAME OF ASSIGNOR	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Nabbvik</b>	<b>Arto</b>	
RESIDENCE CITIZENSHIP	STATE OR COUNTRY		CITIZENSHIP
	<b>Finland</b>		<b>Finnish</b>
POST OFFICE	P.O. ADDRESS		CITY & COUNTRY

ADDRESS

**Lehvärinne 2**

**FIN-90820 Kello, Finland**

4<sup>th</sup> ASSIGNOR (inventor)

FULL NAME  
OF ASSIGNOR

LAST NAME

FIRST NAME

MIDDLE NAME

**Väyrynen**

**Pekka**

RESIDENCE  
CITIZENSHIP

STATE OR COUNTRY

CITIZENSHIP

**Finland**

**Finnish**

POST OFFICE  
ADDRESS

P.O. ADDRESS

CITY & COUNTRY

**Kyytitie 18**

**FIN-90310 Oulu, Finland**

hereby sell(s), assign(s) and transfer(s) to

**ASSIGNEE:**

**Nokia Corporation  
Keilalahdentie 4  
FIN-02150 Espoo  
Finland**

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

for the United States and its territorial possessions

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:

**IMPROVED METHOD FOR CHATTING, AND TERMINAL  
UTILIZING THE METHOD**

which is found in

U.S. patent application number \_\_\_\_\_ filed on \_\_\_\_\_

U.S. Patent Application executed on even date herewith


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

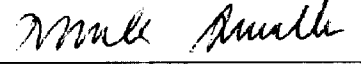
and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.


ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) 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(S) 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.

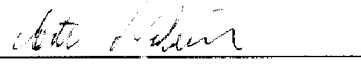
IN WITNESS WHEREOF, I (We) have hereunto set hand and seal


(1) **Aki Salminen**  6.5.2003  
Signature Date

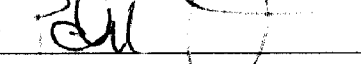
Witnessed by Tuula Aalto  6.5.2003  
Signature Date


(2) **Ari Salmi**  6.5.2003  
Signature Date

Witnessed by HEIKKI PIETILÄ  6.5.2003  
Signature Date

(3) **Arto Nabbvik**  06.05.2003  
Signature Date

Witnessed by Kari Kunttuvaara  06.05.2003  
Signature Date

(4) **Pekka Väyrynen**  30.04.2003  
Signature Date

Witnessed by Sami Ilme  30.4.2003  
Signature Date