06-29-2004



Form PTO-1595

Commerce rk Office

| | RECORDATION FORM COVER SHEET PATEN 10277 | 9367 rk Office |
|---|---|---|
| | MAILSTOP ASSIGNMENT 4 12 0 4 | Attorney Docket No. 60091.00287 Date: June 22, 2004 |
| | To the Commissione Please record the attached original | |
| | 1. Name of conveying party(ies) (1) Terhi Tuulikki VIRTANEN; (2) Pekka MARJELUND; (3) Peki J. VUORINEN; (4) Jukka K. JAAKKOLA Additional name(s) of conveying party(ies) attached? Yes | 2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 FIN-02150 Espoo, FInland Additional name(s) & address(es) attached? ☐ Yes ☑ No |
| | 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution A. Patent Application No.(s) 10/827,681 Additional numbers attached? | B. Patent No.(s) |
| | Name and address of party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: One |
| | Name: Squire Sanders & Dempsey L.L.P. | 7. Total fee (37 CFR 3.41) \$ 40.00 |
| | Street Address: 8000 Towers Crescent Drive, 14 th Floor | ☑ Included in attached Check No. <u>011618</u> . |
| | Tysons Corner, Virginia 22182-2700 | Any additional fees are authorized to be charged to deposit account |
| | 24/2004 AADDF01 00000061 10827681 FC:8021 40.00 DP | 8. Counsel's Deposit account number: 50-2222 (Attach duplicate copy of this page if paying by deposit account) |
| | DO NOT USE THI | S SPACE |
| | 9. Statement and signature. To the sest of my knowledge and belief, the foregoing information is true copy of the original document. | e and correct and any attached copy is a true |
| i | Douglas H. Goldhush Name of Person Signing Reg. No. 33,125 Total number of p | June 22, 2004 ature Lag#43, 437 Date ages including cover sheet, attachments, and document: 2 |

PATENT REEL: 015497 FRAME: 0212

| SQUIRE. | SANI | OFRS | S. | DEMP | SEV | I.I.P |
|---------|------|------|----|-----------------|---------------|--------------|
| | | | | TO MALE TO MAKE | Automotive of | Ame a Mide E |

| Docket No. 60091.00287 |
|------------------------|
|------------------------|

| | For good at ASSIGNOR) by | nd valuable considerat | ion paid to the unc | Jersigned | inventor(s) (hereinafte |
|--|--|--|--|--|---|
| sen: | NOKIA CORPORAT | ION | | | |
| SIGNEE's nc(s) | Keilalahdentie 4 | | | | |
| iness(es)] | F1-02150 Espoo | | | | |
| | Finland | | | | |
| | | EE), the receipt and suffi ells, assigns and transfe or entitled | | | |
| le of | METHOD AND SYS | TEM FOR CONTROLL | ING ACCESS BEARI | er in a ri | EAL-TIME DATA |
| antion) | SERVICE | | | | |
| The assignment eing filed or the filing of the | for which application otherwise indicated be | | | | |
| dication, this tion must be | *filed on | April 20, 2004 | , Scrial No. | 10/82 | 27,081 |
| | and/or filing date here | lers & Dempsey L.L.P. i on, when known) | | | |
| | division, renewal, sub same may be granted. The ASSIGN continuing, divisiona | JOR agrees to execute a | mination thereof for the If papers necessary in cution applications ther | onnection veof and a | or terms for which the which the with application and arise to execute separa |
| | division, renewal, sub- same may be granted. The ASSIGN continuing, divisional assignments in connect The ASSIGN litigation, or other litigation, division, and to cooperate with proceeding with such | ostitute, reissue or reexa | mination thereof for the street of the stree | connection veof and all may deem reconnection oncerning tent or reiss aining and | with application and ar lso to execute separa necessary or expedient. In with any interference this application or ar sue patent issued thereo producing evidence ar |
| gnature(s) | division, renewal, sub- same may be granted. The ASSIGN continuing, divisional assignments in connect The ASSIGN litigation, or other litigation, or other litigation, division and to cooperate with proceeding with such | JOR agrees to execute at it, reissue or reexamination with such application NOR agrees to execute legal proceeding which, reissue or reexamination the ASSIGNEE in even interference, litigation, of the undersigned in | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE mall papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding wentor(s) has (have) after Trulikki VIRT | connection to eof and almay deem reconnection oncerning them to reiss aining and g. fixed his/he ANEN | with application and ar iso to execute separa necessary or expedient. In with any interference this application or are sue patent issued thereo producing evidence are er/their signature(s). |
| | division, renewal, sub- same may be granted. The ASSIGN continuing, divisional assignments in connect The ASSIGN litigation, or other litigation, or other litigation, division and to cooperate with proceeding with such | JOR agrees to execute at it, reissue or reexamination with such application NOR agrees to execute legal proceeding which, reissue or reexamination the ASSIGNEE in even interference, litigation, of the undersigned in | mination thereof for the continuous mecessary in continuous applications thereof in the continuous as the ASSIGNEE in the continuous application of the continuous application applications applic | connection to eof and almay deem reconnection oncerning them to reiss aining and g. fixed his/he ANEN | with application and ar lso to execute separa necessary or expedient. In with any interference this application or ar sue patent issued thereo producing evidence ar |
| | division, renewal, subsame may be granted. The ASSIGN continuing, divisional assignments in connect assignments in connect to continuation, division and to cooperate with proceeding with such the WITNESS WHER (SIGNATE) | JOR agrees to execute at I, reissue or reexamination with such application NOR agrees to execute legal proceeding which, reissue or reexamination the ASSIGNEE in even interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding other legal proceeding the legal proceeding the life in the legal proceeding the legal | connection a connection on connection on connection on connection on cerning attent or reiss aining and g. fixed his/he ANEN | with application and are list to execute separate necessary or expedient. In with any interference this application or are patent issued thereoproducing evidence are retheir signature(s). |
| | division, renewal, subsame may be granted. The ASSIGN continuing, divisiona assignments in connect. The ASSIGN litigation, or other lecontinuation, division and to cooperate with proceeding with such. IN WITNESS WHER (SIGNATION OF COMMENT) | OSTITUTE, reissue or reexaction with such application with such application with such application of a proceeding which reissue or reexamination the ASSIGNEE in every interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding wenter(s) has (have) after Tuulikki VIRT (TYPE NAME | connection a eof and al may deem r a connection oncerning a tent or reiss aining and g. fixed his/he (ANEN | with application and are list to execute separate necessary or expedient. In with any interference this application or are patent issued therefore producing evidence are retheir signature(s). |
| | division, renewal, subsame may be granted. The ASSIGN continuing, divisiona assignments in connect. The ASSIGN litigation, or other lecontinuation, division and to cooperate with proceeding with such. IN WITNESS WHER (SIGNATION OF COMMENT) | OSTITUTE, reissue or reexaction with such application with such application with such application of a proceeding which reissue or reexamination the ASSIGNEE in every interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtor other legal proceeding ventor(s) has (have) after Tuulikki VIRT (TYPE NAME Pekka MARJELU (TYPE NAME | connection a connection of and almay deem reconnection oncerning of tent or reiss aining and general connections. [ANEN Connection of the connection of tent or reiss aining and general connection of tent or reiss aining and general connection of tent or reiss aining and general connection of tent of tent or reiss aining and general connection or reiss aining aining and general connection or reiss aining aining aining and general connection or reiss aining | with application and arriso to execute separanecessary or expedient. In with any interference this application or arrive patent issued thereoproducing evidence are ritheir signature(s). 12.7.2004 |
| | division, renewal, subsame may be granted. The ASSIGN continuing, divisiona assignments in connect. The ASSIGN litigation, or other lecontinuation, division and to cooperate with proceeding with such. IN WITNESS WHER (SIGNATION OF COMMENT) | OSTITUTE, reissue or reexaction with such application with such application with such application of a proceeding which reissue or reexamination the ASSIGNEE in every interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding wentor(s) has (have) after Tuulikki VIRT (TYPE NAME Pekka MARJELU (TYPE NAME | connection a connection of and almay deem reconnection oncerning attent or reiss aining and g. Fixed his/he ANEN (ANEN (ANEN | with application and ar lso to execute separa necessary or expedient. In with any interference this application or ar sue patent issued thereo producing evidence are ritheir signature(s). 12.7.204 (DATE) 19.5.204 (DATE) |
| gnature(g) Assignor(a) | division, renewal, subsame may be granted. The ASSIGN continuing, divisiona assignments in connect. The ASSIGN litigation, or other lecontinuation, division and to cooperate with proceeding with such. IN WITNESS WHER (SIGNATION OF COMMENT) | OSTITUTE, reissue or reexaction with such application with such application with such application of a proceeding which reissue or reexamination the ASSIGNEE in every interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding wentor(s) has (have) after Tuulikki VIRT (TYPE NAME Pekka MARJELU (TYPE NAME Petri J. VUORIN (TYPE NAME | connection veof and almay deem reconnection on connection on connection on connection on connection of connection | with application and ar lso to execute separa necessary or expedient. In with any interference this application or ar are patent issued thereo producing evidence are retheir signature(s). \(\frac{12.5.264}{(DATE)} \) \(\frac{13.5.2644}{(DATE)} \) |
| | division, renewal, subsame may be granted. The ASSIGN continuing, divisional assignments in connect assignments in connect to continuation, division and to cooperate with proceeding with such the WITNESS WHER (SIGNATE) | OSTITUTE, reissue or reexaction with such application with such application with such application of a proceeding which reissue or reexamination the ASSIGNEE in every interference, litigation, of EOF, the undersigned in JRE) | mination thereof for the mination thereof for the life papers necessary in cution applications thereons as the ASSIGNEE is all papers necessary in may be declared con thereof or Letters Parry way possible in obtain other legal proceeding wentor(s) has (have) after Tuulikki VIRT (TYPE NAME Pekka MARJELU (TYPE NAME | connection veof and almay deem reconnection on connection on connection on connection on connection of connection | with application and ar lso to execute separa necessary or expedient. In with any interference this application or ar sue patent issued thereo producing evidence are ritheir signature(s). 12.7.204 (DATE) 19.5.204 (DATE) |

NO LEGALIZATION REQUIRED

RECORDED: 06/22/2004

PATENT REEL: 015497 FRAME: 0213