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| 1. Name of con | nveying party(ies): | 1008559 | 174 1 | ress of receiving party(ies): | 21 |
| Robert W. T | Twitchell | 0 | Name: | Nokia Mobile Phones Limited | S. 22 |
| Andrew Tay | ylor 4.2' | 9-98 | | | 16. |
| Additional name(s) |) of conveying party(ies) attached | • | Address: | Keilalahdentie 4 | .551 09/ |
| 3. Nature of Co | onveyance: | | 1 | | Ja |
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| Assignmen Security A | | ferger Thange of Name | State: | ZIP Code: | : |
| Security Ag | greement Ci | hange of Ivame | Country: | Einland | |
| _ | | | | | |
| Execution Date | | | Additiona | l name(s) & address(es) attached? | Yes 🛛 No |
| | number(s) or parent num | | | | |
| If this docume ATVELLIAN AGOOD | ent is being filed to ether w | vith a new application, th | | and date of the application is: $9/28/98$, 9 | 9/22/98 |
| IA) Palata ter/19pha: | | | B. Patent | No.(s): | 01 |
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| | | Additional numbers atta | ached? | Yes ⊠ No | - |
| | ddress of party to whom c | | 6. Total i | number of applications | |
| concerning i | document should be maile | led: | and/o | r patents involved: | . 1 |
| - | | , | | fee (37 CFR 3.41): | |
| | ichael K. Kinney | ! | | | |
| | erman & Green, LLP | , | Enclo | | |
| 42. | 25 Post Road | ! | | ge deposit account | |
| City: Fai | irfield | 1 | □ Pleas | se charge any fee deficiency to depos | sit account |
| State: CT | Γ ZIP Co | ode: 06430-6232 | 8. Depos | it account number: 16-1350 | |
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PATENT REEL: 9509 FRAME: 0589

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| Attorney's Docket No | 365-00 | | _ | PATENT |
| | | For: ₹ U.S. and/or | | nts |
| | | For Z U.S. Applica | ation or onal Application | 7 |
| | - | For: U.S. Patent | | • |
| | | For PCT Applica | | |
| | | By: Multiple Invent | crs | |
| ASSIGNMENT OF I | NVENTIC | ON (MULTIPLE | INVENTOR | S) |
| In consideration of the payment \$1,00), the receipt of which is helected to be consideration, | by ASSIG reby ackr | NEE to ASSIGNO | R of the sum or other good | of One Dollar and valuable |
| ASSIGNORS (Inventors); | | | | |
| | | 12394 Darkwood | Road | |
| Robert W. Twitchell | - | San Diego, CA | 92129 | USA |
| (type or print name of inventors) | | Acdress 8838 Pipestone | Way | Nationality |
| Andrew Taylor | | San Diego, CA | 92129 | USA |
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(Assignment of Invention—Multiple Inventors [16-3.2]—page 1 of 3)

PATENT REEL: 9509 FRAME: 0590

| here ASS | _ | | assigns and transfers to | | | |
|---|-------|-------------|---|--|--|--|
| Nokia Mobile Phones Limited (type or print name of ASSIGNEE) | | | Phones Limited | Keilalahdentie 4 | | |
| | | | ame of ASSIGNEE) | Address 02150 Espoo, Finland | | |
| Natio | nalit | / | | | | |
| and | the | succ | essors, assigns and lega | I representatives of the ASSIGNEE | | |
| | | | (complete | e one of the following) | | |
| | Z | the | entire right, title and in | terest | | |
| | | an | undivided | ercent (%) interest | | |
| for th | ne U | nitec | States and its territoria | possessions | | |
| | | (C | heck the following box, i | f foreign rights are also to be assigned) | | |
| | X. | an | d in all foreign countries | , including all rights to claim priority | | |
| in an | d to | | • | which are disclosed in the invention entitled: | | |
| GP | s Lo | CATI | ON FOR MOBILE PHONES US | ING THE INTERNET | | |
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| and v | whic | h is | found in | | | |
| (a) | X | U.S | patent application exe | cuted on even date herewith | | |
| (p) | | U.S | patent application exe | cuted on | | |
| (c) | | | 6. provisional application ention | naming the above inventor(s) for the above-entitled | | |
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| | | | assignment, I, an ASS hereby authorize and | 3.21 for recordal of this SIGNOR signing below, request my attorney to ate and application num- known. | | |
| (d) | | U.S | application no. | filed on | | |
| (e) | | | mational application no. led on | PCT // | | |
| (f) | | U.S | . patent no | issued | | |
| | | | A change of address to vimaintenance fees is be | which correspondence is to be sent regarding patenting sent separately. | | |
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| (g) | Ø | and prio | | eof in a foreign country, including the right to claim | | |

PATENT REEL: 9509 FRAME: 0591

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2 of 3)

and, in and to, all Latters 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.

| WARNING: The date of signing must be | te the same as the date | of execution of the application, if item (a) was |
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| checked above. | | |
| Debaut H. Tuitul 11 | | (1117/11/11/11 |
| Robert W. Twitchell (type name of Inventor) | - | Sobert W. Vucteball. |
| tiyaa waxaa si waxaay | | Signature of INVENTOR |
| Andrew Taylor | | the de 1 |
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PATENT REEL: 9509 FRAME: 0592

RECORDED: 09/29/1998