RECOF

03-08-2005



| Commissioner | of Patents | and | Trademarks, | 1 |
|--------------|------------|-----|-------------|---|
| | | | | F |

| 102954901 | | | |
|----------------|---|-----------|---|
| 4 (1/2020) 1 | | AAAE 4001 | i |
| | 1 | ロンはちみめい。 | 1 |

| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | |
|---|---|--|--|--|
| Joe Dowling Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | Name: Nokia Corporation Address: Keilalahdentie 4 | | | |
| 3. Nature of Conveyance: | City: Espoo State: ZIP Code: FIN-02150 Country: Finland | | | |
| Execution Date: February 25, 2005 | Additional name(s) & address(es) attached? | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s): 11/020,055 | B. Patent No.(s): | | | |
| Additional numbers atta | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and/or patents involved: | | | |
| Name: Gerald J. Stanton Address: Harrington & Smith, LLP 4 Research Drive City: Shelton | 7. Total fee (37 CFR 3.41):\$40.00 Enclosed Charge deposit account Please charge any fee deficiency to deposit account | | | |
| State: CT ZIP Code: 06484-6212 | 8. Deposit account number: 50-1924 | | | |
| DO NOT USE | 8. Deposit account number: 50-1924 E THIS SPACE A C C C C C C C C C C C C C C C C C C | | | |
| 9. Statement And Signature: | 7 | | | |
| document is either an original documen Gerald J. Stanton | ing information is true and correct and, the attached at or a true copy of the original document. March 1, 2005 Signature Date | | | |
| | Total number of pages including cover sheet(s): 3 . | | | |
| Page 1 of 3. | | | | |

03/07/2005 GTOW11

00000106 11020055

01 FC:8021

40.00 NP

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

ASSIGNMENT OF INVENTION

Nokia Corporation Docket No. NC 17740

Harrington & Smith, LLP Docket No.: 873.0159.U1(US)

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) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR:

Dowling

Joe

RESIDENCE &

CITY & STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP:

Aughnacliffe, Ireland

Ireland

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS:

Aughnacliffe, County Longford

Aughnacliffe, Ireland

ASSIGNEE:

Nokia Corporation Keilalahdentie 4, 02150 Espoo, Finland

and the successors, assigns and legal representatives of the ASSIGNEE

X the entire right, title and interest

for the United States and its territorial possessions

<u>X</u> 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:

1

PATENT REEL: 016324 FRAME: 0646

A WEIGHTED AUTOCORRELATION METHOD FOR DOWNLINK CDMA LMMSE EQUALIZERS

| that is | s found in | | | |
|---|---|---|---|--|
| the | e patent application executed | on the same date herewit | h, | |
| <u>X</u> U.S | S. patent application number | 11/020,055 | _filed | December 21, 2004, |
| | any legal equivalent thereof luding the right to claim prior | _ | | |
| contir | n and to, all Letters Patent to nuation, division, renewal, or ination thereof. | be obtained for said inv substitute thereof, and a | vention as to L | , the above application, or any etters Patent any reissue or re- |
| ASSI will b | GNOR(S) hereby covenant(s) e made or entered into which | that no assignment, sale, would conflict with this | agreem assigni | ent or encumbrance has been or nent. |
| with a equivalent interfer ASSIG for, old | all pertinent facts and docume alents as may be known and ac erence, litigation or proceedi GNEE or its legal representation | ents relating to said invertices in the control of | ntion ar S) and will prostrument itrument | request, be provided promptly and said Letters Patent and legal will testify as to the same in any amptly execute and deliver to ats or affidavits required to apply tion and said Letters Patent and my out the purposes thereof. |
| IN W | TNESS WHEREOF, I (We) | | | this gning by Assignors). |
| (1) | Joe Dowling Assignor Name | J. Dowlessignature | | |
| | Witnessed by | Jim Morroy | | |
| | Signature of Witness | James Mo Feb 25, '05 Date | <u>~~</u> | |

2

RECORDED: 03/04/2005

PATENT REEL: 016324 FRAME: 0647