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| Comparison   Co   | For PTO-1595 FINANCECORDATION   | U.S. DEPARTMENT OF COMMERCE                                       |  |  |  |  |  |  |  |  |
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| Tab settings ⇔ ⇔ ♥ original documents or copy thereof.  To the Honorable Commissioner of  1. Name of conveying party(ies): Dae-Kwon JUNG  Additional name(s) of conveying party(ses) attached? ♀ Yes ☒ No  3. Nature of conveyance:  Assignment Security Agreement Other Security Agreement Other Security Agreement Other  Execution Date: 4/3/02  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: A. Patent Application No.(s) 10/027,990  Additional numbers attached? ♀ Yes ☒ No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul J. Farrell, Esq. Internal Address:  DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd. City: □ State: □ Zip: Additional number of applications and patents involved. □  Authorized to be charged to deposit account  Authorized to be charged to deposit account  (Attach duplicate copy of this page if paying by deposit account)  Additional number: 04-1121  Authorized to be charged to deposit account)  Authorized to be charged to deposit account)  Authorized to be charged to deposit account)  Authorized to be charged in paying by deposit account)  Authorized to the paying by deposit account)  Authorized to deposit account number: 04-1121  Authorized to be charged if paying by deposit account)  Authorized to be charged to deposit account)  | (Pay 02/01)   | 110 B ( ) 1 m ( )   |  |  |  |  |  |  |  |  |
| To the Honorable Commissioner of  1. Name of conveying party(ies): Dae-Kwon JUNG  1. Name of conveying party(ies): Dae-Kwon JUNG  1. Name of conveying party(ies): Dae-Kwon JUNG  1. Name: SAMSUNG ELECTRONCIS CO., LTD. Internal Address: Internal Address:  2. Additional name(s) of conveying party(ies) attached?  3. Nature of conveyance: 3. Assignment 3. Merger 3. Security Agreement 3. Change of Name 3. Other 4. Application Assignment 5. Unionale (s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:  4. Patent Application No.(s) 10/027,990  Additional numbors attached?  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul J. Farrell, Esq: Internal Address: DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd. City:  City:  City:  Additional number of applications and patents involved:  Additional number of applications and patents involved:  Authorized to be charged to deposit account  Authorized to be charged to deposit account  Authorized to be charged in deposit account  Authorized to be charged in paying by deposit account)  Authorized to be charged in paying by deposit account  Authorized to be charged in paying by deposit account in the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Paul J. Farrell, Reg. No. 33, 494  Expect Parson Skining  4/9/02  Date   | (0.4.0.002)   | - 29 - 2002 orney Docket No.: 678-789 (P10128)                    |  |  |  |  |  |  |  |  |
| 1. Name of conveying party(ies): Dae-Kwon JUNG  1. Name: Dae-Kwon JUNG  2. Name: Dae-Kwon JUNG  2. Name: Dae-Kwon JUNG  2. Name: Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  3. Name: Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  3. Nature of conveying party(ies) No Street Address: Dae-Kwon JUNG  3. Nature of conveying party(ies) Dae-Kwon JUNG  1. Name: Dae-Kwon JUNG  2. State: Dae-Kwon JUNG  3. Nature of orony kinowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dae-Kwon JUNG  2. State: Dae-Kwon JUNG  3. Nature of percey of the original document. Dae-Kwon JUNG  3. Nature of percey of the original document. Dae-Kwon JUNG  3. Nature of percey is a true of percey is in true and correct and any attached copy Signature  Date  2. State: Dae-Kwon JUNG  3. Nature of percey is the foregoing information is true and correct and any attached copy Signature  Date  3. Nature of percey is a true copy of the original document. Date  3. Nature of percey is a true copy of the original document. Date  3. Nature of percey is a true copy of the original document. Date  4/9/02 Date   |   | I HU BIN ALL UI BAL W III AL                                      |  |  |  |  |  |  |  |  |
| Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:  Assignment   | To the Honorable Commissioner of  | original documents or copy thereof.                               |  |  |  |  |  |  |  |  |
| Additional name(s) of conveying party(ies) attached?  Yes No  3. Nature of conveyance:     Assignment   | Name of conveying party(ies):     Dae-Kwon JUNG   | Name: SAMSUNG ELECTRONCIS CO., LTD.                               |  |  |  |  |  |  |  |  |
| 3. Nature of conveyance:  Assignment Security Agreement Change of Name Cother Other |   | Internal Address:   |  |  |  |  |  |  |  |  |
| Assignment  | Additional name(s) of conveying party(ies) attached?  |   |  |  |  |  |  |  |  |  |
| Security Agreement Change of Name Other Suwon-city, Kyungki-do, KOREA City: State: Zip: 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 date of the application is: A. Patent Application No.(s) B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul J. Farrell, Esq. Internal Address: Internal Address:  Street Address: DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd. City: Uniondale State: New York Zip: 11553  DO NOT USE THIS SPACE  9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Paul J. Farrell, Reg. No. 33, 494  No.  Street Address: 416, Mactan-dong, Paldal-gu, Suwon-city, Kyungki-do, KOREA City: State: Zip: No.  6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)   | 3. Nature of conveyance:  |   |  |  |  |  |  |  |  |  |
| Cother  |   | Street Address: 416, Maetan-dong, Paldal-gu,                      |  |  |  |  |  |  |  |  |
| City:State:Zip:   |   | Suwon-city Kyungki-do KOREA                                       |  |  |  |  |  |  |  |  |
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| Internal Address:  Authorized to be charged to deposit account  8. Deposit account number: 04-1121  Street Address:  333 Earle Ovington Blvd.  City: Uniondale State: New York Zip: 11553  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Paul J. Farrell, Reg. No. 33, 494  Name of Person Signing  Authorized to be charged to deposit account  8. Deposit account number: 04-1121  (Attach duplicate copy of this page if paying by deposit account)  Attach duplicate copy of this page if paying by deposit account)  Do Not use This space  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Paul J. Farrell, Reg. No. 33, 494  Signature  Date  | ·   | 7. Total fee (37 CFR 3.41)\$\$\\$40.00                            |  |  |  |  |  |  |  |  |
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| Paul J. Farrell, Reg. No. 33, 494  Name of Person Signing  Date   | is a true copy of the original document.  |   |  |  |  |  |  |  |  |  |
| Name of Person Signing  | Paul J. Farrell, Reg. No. 33, 494   | me -  |  |  |  |  |  |  |  |  |
|   | Name of Person Signing  | v Signature   |  |  |  |  |  |  |  |  |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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**PATENT REEL: 012823 FRAME: 0959** 

## **ASSIGNMENT**

DOCKET NO. <u>678-789(P10128)</u>

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE:

METHOD AND APPARATUS FOR REDUCING PEAK POWER IN PARTIAL TRANSMIT SEQUENCE OFDM

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 678-789(P10128), or is more particularly identified as:

| ſ |     | executed on even date herewith, or |           |                   |          |                 |        |          |      |
|---|-----|------------------------------------|-----------|-------------------|----------|-----------------|--------|----------|------|
| Ī | Ϊ́Χ | Serial No1                         | 0/027,990 | filed in the U.S. | Patent & | Trademark Offic | e on _ | 12/20/01 | _,or |
| Ī | ĺ   | executed on                        |           |                   |          |                 |        |          |      |

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Peter G. Dilworth, Reg. No. 26,450 and Paul J. Farrell, Reg. No. 33,494</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And I 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

PATENT REEL: 012823 FRAME: 0960 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.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)

RECORDED: 04/16/2002

Date Signed

Witness(es)

Dae Kwon JUNG (Seal) April 3,2002