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DOCKET NO.: 4422-002

01-05-2001



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents

documents or copy thereto:

1. Name of conveying party(ies):

Seung Won CHOI

12-22-00

101572528

2. Name and address of receiving party(ies):

Name: SAS Technologies Co., Ltd.

Internal Address:

Additional name(s) of conveying party(ies) attached?

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Street Address:

Science Technology Center No. 407, Haengdang-dong 17,
Seongdong-ku

City: Seoul

State or Area:

Zip/Postal Code: 133-791

Country: KOREA

Execution Date: December 21, 2000

Additional name(s) & address(es) attached?

4. Application number(s) or patent number(s): 09/214,066

If the 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).

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: LOWE HAUPTMAN GILMAN & BERNER

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

Is enclosed

8. Deposit account number: 07-1337

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.

Benjamin J. Hauptman
Registration No. 29,310

Signature

December 22, 2000
Date

Total number of pages comprising cover sheet: 1

CMB No. 0051-0011 (exp. 4/94)

12/27/2000 CVORACH1 00000148 09214066

02 FC:581

40.00 DP

PATENT
REEL: 011388 FRAME: 0069

Docket No.: 4422-002

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|---------------------------|-----------|
| (1) <u>Seung Won CHOI</u> | (4) _____ |
| (2) _____ | (5) _____ |
| (3) _____ | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAS Technologies Co., Ltd.
Science Technology Center No. 407
Haengdang-dong 17, Seongsong-ku
Seoul 133-791, KOREA

its successors and assigns (hereinafter designated "ASSIGNEE") his remaining one-half of the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention as a result of a previous Assignment of one-half of the entire right, title and interest to SK Telecom Co., Ltd. entitled

A SIGNAL PROCESSING METHOD UTILIZING AN EIGENVECTOR CORRESPONDING TO THE MAXIMUM EIGENVALUE OF AN AUTOCORRELATION MATRIX OF RECEIVED SIGNALS FOR AN ANTENNA ARRAY SYSTEM

(a) for which an application for United States Letters Patent was filed on December 28, 1998, and identified by United States Serial No. 09/214,066; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

- | |
|-----------------------------|
| 1) <u>Choi, Seungwon</u> |
| Name: <u>Seung Won CHOI</u> |
| 2) _____ |
| Name: _____ |
| 3) _____ |
| Name: _____ |
| 4) _____ |
| Name: _____ |
| 5) _____ |
| Name: _____ |
| 6) _____ |
| Name: _____ |

DATE SIGNED

December 21, 2000

