| Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 | | Atty. Docket No.: 9258E-500054 Page 1 of 1 | | |
|---|--|--|--|--|
| 07-01-2010 | | НЕЕТ | | |
| To the Hon Please record 103600 | | nd Trademarks: or copy thereof. | | |
| 1. Name of conveying party(ies): | _ | address of receiving party(ies) | | |
| SAS Technologies Co., Ltd. | Name: | SAS Technologies Co., Ltd. | | |
| Additional name(s) of conveying party(ies) attached? TES NO 3. Nature of conveyance: | Street Addre | ess: Science Technology Center No. 407, 17 Haendang-dong 727-4, Seongdong-gu | | |
| Assignment Merger Security Agreement | City: | Seoul | | |
| ☐ Change of Name ☐ Other: | Country: | Republic of Korea | | |
| | | Postal Code: 133-791 | | |
| Execution Date: | | | | |
| June 18, 2010 | Name: Industry-University Cooperation Foundation Hanyang University | | | |
| | Street Addre | ess: Science Technology Center No. 17 Haendang-dong, Seongdong-gu | | |
| | City: | Seoul | | |
| | Country: | Republic of Korea | | |
| | | Postal Code: 133-791 | | |
| | Additional nam | e(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). | | | |
| 09/857,197 | US 6,462,709 | | | |
| Additional numbers attached? 🔲 YES 🔀 NO | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | (1) | f applications/patents involved: One | | |
| Name: HARNESS, DICKEY & PIERCE, P.L.C. | - | 7 C.F.R. § 3.41): \$40.00 | | |
| Street Address: P.O. BOX 8910 | ⊠ Enclosed | | | |
| City: RESTON State: VA ZIP: 20195 | Authorized to be charged to deposit account, if no fee attached. | | | |
| Country: USA | 8. Deposit account number: <u>08-0750</u> | | | |
| | (Attach triplicate copy of this page if paying by deposit account) | | | |
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| 9. Statement and signature. | | | | |
| To the best of my knowledge and belief the for copy is a true copy of the original document. John A. Castellano/35,094 Name of Person Signing/Reg. No. | going informati | June 28, 2010 Date | | |
| Total number of pages including cover sh | | | | |

PATENT REEL: 024626 FRAME: 0955

ASSIGNMENT

CORPORATE

SAS Technologies Co., Ltd., a Korean corporation having a principal place of business at Science Technology Center No. 407, 17 Haendang-dong 727-4, Seongdonggu, Seoul 133-791, Republic of Korea (hereafter the "Assignor"), is the owner by respective Assignment of the United States Patent identified below (hereafter the "Patent").

SAS Technologies Co., Ltd., a Korean corporation having a principal place of business at Science Technology Center No. 407, 17 Haendang-dong 727-4, Seongdonggu, Seoul 133-791, Republic of Korea and Industry-University Cooperation Foundation Hanyang University, a university having a principal place of business at 17 Haengdang-dong, Seongdong-gu, Seoul 133-791, Republic of Korea (hereafter the "Assignees"), desire to acquire all of the rights of the Patent and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title, and interest in and to the Patent identified below, and all inventions described and claimed therein, and in any and all reissues and reexaminations as well as any and all continuations and divisionals thereof, such entire right, title, and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

| U.S. Appl. No. | Filing Date | U.S. Pat. No. | Issue Date | Title |
|-------------------|------------------|---------------|--------------------|---|
| 09/857,197 | June 21, 2001 | 6,462,709 | October 8, 2002 | SIGNAL PROCESSING METHOD AND APPARATUS FOR COMPUTING AN OPTIMAL WEIGHT VECTOR OF AN ADAPTIVE ANTENNA ARRAY SYSTEM |

Ey its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent and any reissues and reexaminations as well as any continuations and divisionals thereof and also to execute separate Assignment in connection with such applications or Letters Patent thereof as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent and any reissues and reexaminations as well as

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Atty. Dkt. No. 9258E500054 U.S. Patent No. 6,462,709

any continuations and divisionals thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to the Assignee on inventions described in the Patent and any reissues and reexaminations as well as any and all continuations and divisionals thereof.

The Assignor hereby covenants that it has the right to convey its interest in the Patent identified above, and that it has not executed, and will not execute, any agreement in conflict therewith.

The Assignor certifies that it is the Owner of the entire right, title, and interest in the Patent identified above by virtue of an Assignment of the Patent identified above. This Assignment was recorded on July 23, 2002 under reel/frame no. 013118/0069.

The undersigned has reviewed the documents in the Patent identified above and. to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001. Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

| | or as rectationogies co., rica. |
|-----|---------------------------------|
| By: | Sung-Soo Ahn. |
| | President. |
| | June, 18, 2010. |
| | |

SAS Technologies Co. Ltd.

RECORDED: 06/28/2010

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PATENT REEL: 024626 FRAME: 0957