

07-29-2002

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of

original documents or copy thereof.

1. Name of Conveying party(ies):
CHOI, Seung-WonAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other Correction of Recordation at REEL 011999 and FRAME 0900Execution Date: June 15, 2001

2. Name and address of receiving party(ies)

Name: SAS TECHNOLOGIES CO., LTD.

Internal Address: _____

Street Address: SCIENCE TECHNOLOGY CENTER NO. 407,
HAENGDANG-DONG 17, SEONGDONG-KU,
SEOUL 133-791, KOREA

City: _____ State: _____ ZIP: _____

Additional name(s) and 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)

09/857,197

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. BernsteinInternal Address: P21146Street Address: GREENBLUM & BERNSTEIN, P.L.C.1941 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate 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 foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 6Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

07/26/2002 GT0111 00000112 09857197

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PATENT
REEL: 013118 FRAME: 0069

07-27-2001

18/1 381-40

09/18/97


 RECORDATION FORM COVER SHEET
 PATENTS ONLY

 U.S. DEPARTMENT OF COMMERCE
 PATENT AND TRADEMARK OFFICE

101791007

 Recorder of Patents and Trademarks: Please record the attached original document(s) or copy thereof. **IC18 Rec'd PCT/PTO 21 JUN 2001**

 1. Name of Conveying party(ies):
 Seung-Won CHOI

6.21.01

 Additional name(s) of conveying party(ies) attached? ___ Yes X No

3. Nature of conveyance:

X Assignment

___ Merger

___ Security Agreement

___ Change of Name

___ Other

Execution Date: June 15, 2001

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Name: SAS TECHNOLOGIES CO., LTD.

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09857197

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Leslie J. Paperner Reg. No. 33,329
 Name of Person Signing

Leslie J. Paperner
 Signature

6/21/01
 Date
Total number of pages including cover sheet, attachments and document: 2
 Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

 PATENT
 REEL: 013118 FRAME: 0070

ASSIGNMENT

WHEREAS, CHOI, SEUNG-WON a citizen of Republic of Korea, whose post office address is 17 Haengdang-dong, Seongdong-ku, Seoul 133-070, Republic of Korea hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to SIGNAL PROCESSING METHOD AND APPARATUS FOR COMPUTING AN OPTIMAL WEIGHT VECTOR OF AN ADAPTIVE ANTENNA ARRAY SYSTEM

for which they have executed an application for Letters Patent of the United States in the United States Patent and Trademark Office on _____ and which was awarded Serial No. _____

AND WHEREAS, SAS TECHNOLOGIES CO., LTD., a corporation organized and existing under the laws of Korea, whose post-office address is SCIENCE TECHNOLOGY CENTER NO. 407, HAENGDANG-DONG 17, SEONGDONG-KU, SEOUL 133-791, KOREA hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

Witnessed by:

<u>Lee Se Rim</u>	<u>June 15, 2001</u>
Name	Date
LEE, SE-RIM	June 15, 2001
<u>Bong Su Yeon</u>	<u>June 15, 2001</u>
Name	Date
Bong, Su-Yeon	

<u>Choi, Seung Won</u>	_____
Name	Date
CHOI, SEUNG-WON	June 15, 2001

Witnessed by:

_____	_____
Name	Date

_____	_____
Name	Date

_____	_____
Name	Date

RECORDED: 07/23/2002

PATENT
REEL: 013118 FRAME: 0071