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(Rev 6-93)     NC CC.     PATEN       OM8 No. 0651-0011 (exp. 4/94)     PATEN       Tab settings ⇒ ⇒ ⇒ ▼     ▼	161048 IEET U.S. DEPARTMENT OF COMMERC Palent and Trademark Offi
	Please record the attached original documents of copy thereof.
1. Name of conveying party(ies): Arpee, John Touati, Gutowski, Stan Mustafa Additional name(s) of conveying party(ics) attached? O Yes O No	2. Name and address of receiving party(ies) Name: ScoreBoard, Inc. Internal Address:
3. Nature of conveyance:	
XX Assignment     D Merger       D Security Agreement     D Change of Name	Street Address: 13595 Dulles Technolog Suite 200 Drive
Other Execution Date:	City: Herndon State: Va ZIP:20171 Additional name(s) & address(es) attached? O Yes & No
09/620,850 7/21/00 Additional numbers pt	ached? U Yes & No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved:
	7. Total fee (37 CFR 3.41)
concerning document should be mailed: Name: Joseph J. Zito Zito tlp.	
concerning document should be mailed: Name: Joseph J. Zito Zito tlp.	7. Total fee (37 CFR 3.41)\$
concerning document should be mailed: Name: Joseph J. Zito Zito tlp. Internal Address: Street Address: 26005 Ridge Road Suite 203 City: Damascus State: MD ZIP: 20872	7. Total fee (37 CFR 3.41)\$ □ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)
concerning document should be mailed: Name: Joseph J. Zito Zito tlp. Internal Address: Street Address: <u>26005 Ridge Road</u> Suite 203 City: <u>Damascus</u> State: <u>MD</u> ZIP: <u>20872</u> DO NOT USE	7. Total fee (37 CFR 3.41)\$ □ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE SECURITY OF COMPARENT OF
concerning document should be mailed: Name: Joseph J. Zito Zito tlp. Internal Address: Street Address: 26005 Ridge Road Suite 203 City: Damascus State: MD ZIP: 20872 Do NOT Use 9. Statement and signature. To the best of my knowledge and ballet, the foregoing inform the original document.	7. Total fee (37 CFR 3.41)
concerning document should be mailed: Name: Joseph J. Zito Zito tlp. Internal Address: Street Address: <u>26005 Ridge Road</u> Suite 203 City: <u>Damascus</u> <u>State: MD</u> ZIP: <u>20872</u> Do Nor Ust 9. Statement and signature. To the best of my knowledge and ballet, the foregoing inform the original document. Joseph J. Zito	7. Total fee (37 CFR 3.41)\$ □ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE SECURITY OF COMPARENT OF

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PATENT REEL: 011221 FRAME: 0867

## ASSIGNMENT

## OF APPLICATION FOR UNITED STATES LETTERS PATENT

## WHEREAS

John Arpee, Stan Gutowski, Mustafa Touati, c/o Scoreboard Wireless Corp., 13595 Dulles Technology Drive. Suite 200, Herndon, VA 20171

hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

Apparatus and Method for Geostatistical Analysis of Wireless Propagation

for which said assignor has caused an application for United States Letters Patent to be prepared, the inventor's declaration for said application being executed concurrently with the [X] execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on [] \_\_\_, Serial Number []

said application having been filed under the Patent Cooperation Treaty on . Serial No. \_\_\_\_\_, the United States of America being

## designated.

AND WHEREAS Scoreboard Wireless Corp., hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of, and other good and valuable consideration paid by said assignce to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof,

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.\_\_\_\_

2000. 20 day of Na EXECUTED this ASSIGNOR(S): Signature: ohn Arpee

Name:

Address:

PATENT REEL: 011221 FRAME: 0868

**RECORDED: 07/21/2000**