12-28-2001

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Form PTO-1595 6/93 RECORDATION FC 101926949 **PATEN**1 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Thomas E. Bleier Name: QuakeFinder LLC Street Address: 250 Cambridge, Suite 204 Additional name(s) of conveying party(ies) attached? wes no City: Palo Alto State: California Zip Code: 94306 Country: USA Additional name(s) & address(es) attached? □ yes ■ no 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement Change of Name Other Execution Date(s): 12/12/01 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). 100175 20 B. Patent No(s). ☐ yes Additional numbers attached? 6. Total number of applications and patents involved 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41)......\$_40.00 Name: HOWREY SIMON ARNOLD & WHITE, LLP Internal Address: Enclosed ☐ Authorized to be charged to Deposit Account Street Address: 301 Ravenswood Avenue 8. Charge any fee deficiency or credit any overpayment to Box 34 Deposti Account Number: 08-3038, referencing Attorney Docket No. 06713.0003.NPUS00 City: Menlo Park State: CA Zip Code: 94025 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. Albert P. Halluin (25,227) December 14, 2001 Name of Person Signing Date Registration No. Total number of pages including cover sheet, attachments and document OMB NO. 0651-0011 (exp.4/94) Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231



ASSIGNMENT

WHEREAS, I, Thomas E. Bleier, being a citizen of the United States of America, residing at 66 Vista Verde Way, Portola Valley, California 94028, have made new and useful improvements in Satellite and Ground System for Detection and Forecasting of Earthquakes, for which an application for Letters Patent of the United States filed herewith.

WHEREAS, QuakeFinder LLC, having a place of business at 250 Cambridge Avenue, Suite 204, Palo Alto, California 94306-1555, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
- 2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

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- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.
- 5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day of December, 2001.

STATE OF California ss: 529-76-4337 COUNTY OF Brau Santa Clana

RECORDED: 12/14/2001

On this 12 day of December, 200, before me personally appeared Thomas E. BLEIER, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)



My Commission Expires: