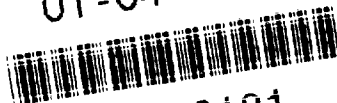


RECORDATION FOR PATENT

01-04-1999



100933181

Assistant Commissioner for Patents: Plea

1. Name of conveying party(ies):

Mark Squire
Murray Dunn
George Houghton

Name of receiving party(ies):

ThermoTrex Corporation
10455 Pacific Center Court
San Diego, California 92121-4339

Additional name(s) attached? Yes No

Additional names/addresses attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

MRD
12-23-98

Execution Date: 12/16/98

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):
09/136,029

B. Patent No.(s):

Additional numbers attached? Yes No

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

John Land
Fish & Richardson P.C.
4225 Executive Square, Suite 1400
La Jolla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- Enclosed
- Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

John Land

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Date of Deposit 12/23/98
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nancy Grant


Nancy Grant

PATENT

REEL: 9668 FRAME: 0782

For valuable consideration, we, Mark Squire, of San Diego, California; Murray Dunn, of Encinitas, California; George Houghton, of San Diego, California; hereby assign to ThermoTrex Corporation, a California corporation having a place of business at 10455 Pacific Center Court, San Diego, California 92121-4339, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled PROJECTILE TRACKING SYSTEM, filed August 18, 1998, and assigned U.S. Serial Number 09/136,029, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

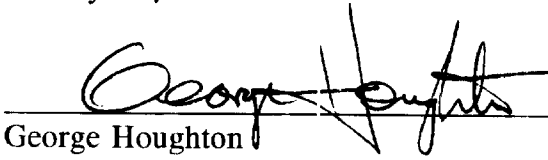
Dated: 12/16/98

 SAN DIEGO
 Mark Squire

Dated: 12/16/98

 Encinitas
 Murray Dunn

Date: 12/16/98

 SAN DIEGO
 George Houghton