11-16-1998



HEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.: 578-2CIP

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): Lawrence J. Hutchings Additional name(s) of conveying party(ies) attached? Name: Acceleron Technologies, LLC. Street Address: 2201 Broadway City: Oakland State: CA Zip: 94612 [] yes [X] no 3. Nature of Conveyance [X] Assignment [] Merger Additional names and addresses attached? [] yes [X] no [] Security Agreement [] Change of Name [] Other Execution Date: June 6, 1998 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): 08/877,342 N/A Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Joseph Sofer [1] Internal Address: SOFER & HAROUN, LLP 7. Total fee (37 C.F.R. 3.41) \$ 40.00 Street Address: 342 Madison Avenue, Suite 1921 [X] Enclosed [] Authorized to be charged to deposit account City: New York State: NY ZIP: 10173 8. Deposit account number: 19-2825 (Attach duplicate copy of this page if paying by deposit account) 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. Joseph Sofer, Esq. November 3, 1998 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments and document [3] OMB No. 0651-0011 (exp. 4/84) do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.: 578-2CIP

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

| Please record the attached original documents or copy thereof. | |
|---|--|
| 1. Name of conveying party(ies): Lawrence J. Hutchings 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 26, 1998 | 2. Name and address of receiving party(ies): Name: Acceleron Technologies, LLC. Street Address: 2201 Broadway City: Oakland State: CA Zip: 94612 Additional names and addresses attached? [] yes [X] 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): 08/877,342 N/A | |
| Additional numbers attached? [] Yes [X] No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph Sofer Internal Address: SOFER & HAROUN, LLP Street Address: 342 Madison Avenue, Suite 1921 City: New York State: NY ZIP: 10173 | 6. Total number of applications and patents involved: [1] 7. Total fee (37 C.F.R. 3.41) |
| 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. Joseph Sofer, Esq. Name of Person Signing Signature Total mamber of pages including cover sheet, attachments and document [3] | |
| | |
| do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 | |

07/31/1998 SSMITH 00000079 08877342 01 FC:581 40.00 OP

Docket No.: 578-002

ASSIGNMENT AND AGREEMENT

For value received, I, Lawrence J. Hutchings of Castro Valley, in the State of

California, hereby sell, assign and transfer to Acceleron Technologies, LLC., a corporation of the

State of Delaware, doing business in the State of California, having an office located at 2201

Broadway, Oakland California 94612, U.S.A., and its successors, assigns and legal representatives,

hereinafter collectively Acceleron Technologies, LLC., the entire right, title and interest, for the

United States of America and all foreign countries, in and to the invention disclosed in the United

States Patent Application Serial No.08/877,342 and is entitled

SYSTEM AND METHOD FOR MEASURING MOVEMENT OF OBJECTS

and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other

applications for Letters Patent which have been or shall be filed in the United States and all foreign

countries on and in and to all original and reissued patents which have been or shall be issued in the

United States and all foreign countries on said invention;

I agree that Acceleron Technologies, LLC. may apply for and receive Letters Patent

for said invention in its own name, and that, when requested, without charge to but at the expense

of Acceleron Technologies, LLC., their successors, assigns and legal representatives, to carry out in

good faith the intent and purpose of this assignment, the undersigned will execute all divisional,

continuing, substitute, renewal and reissue, and all other patent applications on said invention; execute

all rightful oaths, assignments, powers of attorney and other papers, communicate to Acceleron

Technologies, LLC., their successors, assigns and representatives, all facts known to the undersigned

relating to said invention and the history thereof; and generally do everything possible which

Acceleron Technologies, LLC., their successors, assigns or representatives shall consider desirable

for aiding in securing and maintaining proper patent protection for said invention and for vesting title

to said invention and all applications for patents and all patents on said invention in Acceleron

Technologies, LLC., its successors, assigns and legal representatives; and

PATENT

REEL: 9574 FRAME: 0271

Docket No.: 578-002

I covenant with Acceleron Technologies, LLC., its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Lawrence J. Hutchings

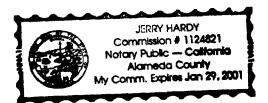
Date: 6/6/98

United States of America

State of AUTORNIA) ss.:

County of ALAMEDA)

On this day of Jobs, 1993, before me personally came Lawrence J. Hutchings, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Motary Public

SOFER & HAROUN, LLP

ATTORNEYS AT LAW
PATENTS, TRADEMARKS & COPYRIGHTS
342 MADISON AVENUE
SUITE 1921
NEW YORK, N.Y. 10173

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November 3, 1998

United States Patent and Trademark Office Box Assignments, CG-4 1213 Jefferson Davis Highway, Suite 320 Washington, D.C. 20231 Attn.: Paula McCray, Examiner

Document ID. No. 100781855

Re: U.S. Patent Application

For: SYSTEM AND METHOD FOR MEASURING

MOVEMENT OF OBJECTS

Our Ref: 578-02CIP

Dear Examiner McCray:

Responsive to the Notice of Non-Recordation of Document we received, we now resubmit the returned papers, along with a new Assignment Cover Sheet, indicating the execution date of June 6, 1998. We request the benefit of the original date of filing this Assignment, as we have resubmitted the documents within the requested 30 days. The official date of receipt of the original documents in the Patent and Trademark Office is July 27, 1998, as stamped on the enclosed return postcard.

Please take notice that a check in the amount of \$40 was submitted with the original Assignment, therefore, no fee is due. In the event that there is an overpayment or insufficiency in payment, please charge or credit our Deposit Account No. 19-2825.

Respectfully submitted

Joseph Sofer

Reg. No. 34, 438

Enc.

Commissioner of Patents & Trademarks Washington, D.C. 20231

Sir Please stamp the date of receipt and the serial number, if appropriate, hereon, and return by mailing. Thank you.

Documents: 1) Assignment

2) Assignment Cover

3) Check for \$40

4) Certificate of Mailing

5) This Return Postpard

Date Documents Mailed: July 24, 1998

For Application Title: System and Method for Measuring Movement of Objects Applicant: Lawrence J. Hutchings

Serial No. 08/877,342

Filing Date: June 17, 1997 Art Unit: 2414

Docket No.: 578-2CIP

Attorney: Joseph Sofer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

: Lawrence Hutchings

Group Art Unit: 2764 Examiner: C. Nyugen

Serial No.

: 08/877,342 : June 17, 1997

Filed : .

: SYSTEM AND METHOD FOR MEASURING MOVEMENT OF OBJECTS

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

HON. COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Sir:

I hereby certify that the attached <u>Assignment</u>, New <u>Assignment Cover Sheet</u>, Copy of Return Postcard, Correspondence Letter. Copy of Notice of Non-Recordation of Document and Return Postcard along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on the date shown below with sufficient postage as first-class mail in an envelope addressed to the: United States Patent and Trademark Office, Box Assignments, CG-4, 1213 Jefferson Davis Highway, Suite 320, Washington, D.C. 20231.

Respectfully submitted,

SOFER & HAROUN, L.L.P.

By:

Stacey Taitt

Date:

Mailing Address:

SOFER & HAROUN, L.L.P. 342 Madison Avenue, Suite 1921 New York, New York 10173

Tel:(212) 697-2800 Fax:(212) 697-3004



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 17, 1998

PTAS

SOFER & HAROUN, LLP JOSEPH SOFER 342 MADISON AVENUE, SUITE 1921 NEW YORK, NY 10173



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 100781855

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE EXECUTION DATE LISTED ON THE COVER SHEET IS DIFFERENT FROM THE SIGNED EXECUTION DATE IN THE ASSIGNMENT. PLEASE SPECIFY WHICH ONE IS CORRECT.

PAULA MCCRAY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

RECORDED: 07/27/1998