

05-27-1999

Docket No. 018564-003500

CIT No.: 2317-1A-5

m RD 5-18-99

FORM PTO-1595  
(Rev. 6-93)

R

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U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Nathan S. Lewis

Additional name(s) of conveying parties attached? ☐ Yes  
☒ No.

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: May 5, 1999

2. Name and address of receiving party(ies)

Name: California Institute of Technology

Internal Address:

Street Address: Mail Code 210-85  
1200 E. California Blvd.

City: Pasadena State: CA ZIP: 91125

Additional names and addresses attached? ☐ Yes ☒ No

4. Application Number(s) or Patent Numbers.

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

A. Patent Application No(s): 09/183,724

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Joseph R. Snyder, Esq.  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

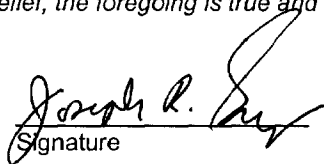
7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed ☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.*Joseph R. Snyder, Esq.  
Name of Person Signing  
Signature5/18/99  
Date

Atty Reg. No. 39,381

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

10. Change Correspondence Address to that of Part 5? ☐ Yes ☒ No

OMB No. 0651-0011 (exp. 4/94)

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Box: Assignments  
Washington, D.C. 20231

SF 218911 v1

PATENT  
REEL: 009969 FRAME: 0973

**ASSIGNMENT OF PATENT APPLICATION**

SOLE

WHEREAS, Nathan S. Lewis, of 5259 Gould Ave., La Canada, CA 91011, US, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHODS OF USE FOR SENSOR BASED FLUID  
DETECTION DEVICES

Date(s) of execution of Declaration: \_\_\_\_\_

Filing Date: October 30, 1998

Application No.: 09/183,724; and

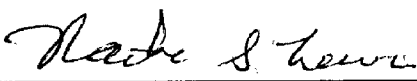
WHEREAS, California Institute of Technology, of Mail Code 210-85, 1200 E. California Blvd., Pasadena, CA, 91125, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

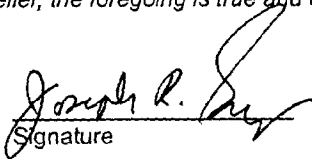
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5/3/99

  
\_\_\_\_\_  
Nathan S. Lewis

SF 213155 v1

FORM PTO-1595 (Rev. 6-93)	Recordation Form Cover Sheet (Patents Only)	U.S. Department of Commerce Patent and Trademark Office
To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof		
1. Name of conveying party(ies):  Nathan S. Lewis  Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.	2. Name and address of receiving party(ies)  Name: California Institute of Technology  Internal Address:  Street Address: Mail Code 210-85 1200 E. California Blvd.  City: Pasadena State: CA ZIP: 91125  Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:  Execution Date: May 5, 1999		
4. Application Number(s) or Patent Numbers.  If this document is being filed together with a new application, the execution date of the application is:  <div style="display: flex; justify-content: space-between;"> <span>A. Patent Application No(s): 09/183,724</span> <span>B. Patent No(s):</span> </div> <div style="text-align: center; margin-top: 5px;">             Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No           </div>		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joseph R. Snyder, Esq. TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 <sup>th</sup> Floor San Francisco, California 94111-3834 (415) 576-0200	6. Total number of applications and patents involved 1  7. Total fee (37 CFR 3.41): -----\$40.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account  <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 20-1430	
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9. Statement and signature.  <p style="text-align: center;"><i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 30%;"> <u>Joseph R. Snyder, Esq.</u>              Name of Person Signing               Atty Reg. No. 39,381           </div> <div style="width: 30%; text-align: center;">               Signature           </div> <div style="width: 30%; text-align: center;"> <u>5/18/99</u>              Date           </div> </div> <div style="text-align: right; margin-top: 10px;">             Total number of pages including cover sheet, attachments and document    2           </div>		
10. Change Correspondence Address to that of Part 5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>OMB No. 0651-0011 (exp. 4/94)</b>		
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