

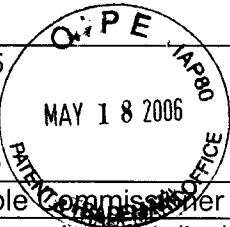
S-97,730

Form PTO1595

(Rev. 10/02)

05-24-2006

Rev. 04/03/2006

U.S. Department of Commerce  
Patent and Trademark Office

RECO



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

1. Name of conveying party(ies): The Regents of the University of California  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party:  Name: Los Alamos National Security, LLC  Address: Los Alamos National Laboratory LC/IP, MS A187 Los Alamos, NM 87545 Additional name(s) address(es) 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: 24 April 2006			
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) 10/187,024 B. Patent No.(s) 6,644,119  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Bruce H. Cottrell Registration No.: 30,620 Address: Los Alamos National Laboratory LC/IP, MS A187 Los Alamos, NM 87545		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"/> Authorized to be charged to deposit account	
05/23/2006 DRYME 00000254 122150 10187024 01 FC:0021 40.00 DA		8. Deposit account number 12-2150	
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. Bruce H. Cottrell <u>Bruce H. Cottrell</u> 15 May 2006 Name of person signing Signature Date  Total number of pages: 3			
OMB No. 0651-0027 (exp. 6/30/05)			
Fax documents to be recorded with required cover sheet to: (703) 306-5995 OR Mail documents to be recorded with required cover sheet to: Commissioner for Patents Mail Stop Assignments PO Box 1450 Alexandria, VA 22313-1450			

PATENT

REEL: 017906 FRAME: 0787

**ASSIGNMENT**DOE S-97,730

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

The Regents of the University of California  
1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200

The previous assignment of which was Recorded on June 28, 2002,  
Reel 013082, Frame 0916.

hereby sells, assigns and transfers

to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, at Los Alamos National Laboratory, LC/IP, Mail Stop A187, Los Alamos, NM 87545 and the successors, assigns and legal representatives of the ASSIGNEE

- ☒ its entire right, title and interest
- ☐ an undivided fifty percent (50%) interest
- ☐ an undivided \_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention titled:

NONINVASIVE CHARACTERIZATION OF A FLOWING MULTIPHASE FLUID USING  
ULTRASONIC INTERFEROMETRY

Name of Inventor, Dipen N. Sinha

and which is found in

- (a) ☒ U.S. application Serial No. 10/187,024, filed on 6/28/2002.
- (b) ☒ U.S. Patent No. 6,644,119, issued 11/11/2003.

☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

☒ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

**ASSIGNOR** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**ASSIGNOR** further covenants that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to **ASSIGNOR** and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**AND** the **ASSIGNOR** requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the **ASSIGNEE**, Los Alamos National Security, LLC.

executed this

Signature of Assignor

24th day of April , 2006

A handwritten signature in cursive script, reading "Bruce H. Cottrell", written over a horizontal line.

Bruce H. Cottrell  
IP Practice Group Leader