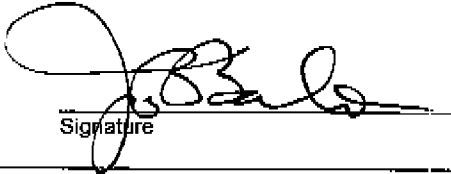


Substitute Form PTO-1595  
Attorney Docket No.: 06618-675001  
Client's Ref. No.: CIT 3271

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Eiichi Shoji, Ph.D. Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): California Institute of Technology 1200 East California Boulevard Pasadena, CA 91125  Additional names/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: 7/28/04	
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).: 09/919,657 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JOSEPH R. BAKER, JR. Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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Attorney Docket No: 06618-675001/

ASSIGNMENT

5-13-6 Bunkyo, Agari #4-22  
Fukui, Fukui 910-0017  
JAPAN

For valuable consideration, we, MICHAEL S. FREUND, PH.D. of 329 W. Highland Avenue, Sierra Madre, CA 91024, EIICHI SHOJI, PH.D. of ~~1111 Blanche Street #303, Pasadena, CA 91106~~, hereby assign to California Institute of Technology, a corporation having a place of business at:

1200 East California Boulevard  
Pasadena, CA 91125; 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, entitled SENSORS AND SENSING METHODS FOR DETECTING ANALYTES BASED ON CHANGES IN PKA OF A SENSING POLYMER, filed July 31, 2001, and assigned U.S. Serial Number 09/919,657, 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, 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.

Attorney . ocket No: 06618-675001/

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
MICHAEL S. FREUND, PH.D. L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Fukui, JAPAN  
this 28 day of July, 2004  
\_\_\_\_\_  
EIICHI SHOJI, PH.D. Eiichi Shoji L.S.

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