RECORDATION FO **ETMENT OF COMMERCE** FORM PTO-1595 08-16-1999 d Trademark Office -10-99 PATEN' 101117125 To the Honorable Commissioner of Patents and Trademarks: Pl s or copy thereof. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): Name: UNITED STATES OF AMERICA AS Jih-Fen Lei Gustave C. Fralick REPRESENTED BY THE SECRETARY OF THE ARMY Michael J. Krasowski Internal Address: _ Additional name(s) of conveying party(ies) attached? [] Yes [X] No Street Address: City: WASHINGTON, D.C. Additional name(s) & address(es) attached [] Yes [X] No 3. Nature of conveyance: certify this is being [] Merger [x] Assignment deposited with the U.S. [] Security Agreement [] Change of Name Postal Service as first [] Other Confirmatory License class mail addressed to: Assistant Commissioner Execution Date 7/6/98 of Patents, Washington D.C, 20231, on 8/57 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) 09/087,147 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: -----> 1 <------Name: US ARMY RESEARCH LABORATORY Internal Address: AMSRL-CS-CC-IP (Carolyn Bourget) Street Address: 2800 Powder Mill Road City: Adelphi State: MD ZIP: 20783-1197 [] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: (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. Paul S. Clohan Name of Person Signing

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

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-60; the proponent agency is OTJAG

Title of Invention:	Microfabricated N	Multifunction Stra	in-Temperature Gauge	
Inventor(s)	Jih-Fen Lei ,Gus	tave C. Fralick an	nd Michael J. Krasowski	
*Application Serial No.:	09/087,147			
*Date Oath Executed:	7/6/98	*Filing Date:	5/29/98	
	(*Data not known at ex	xecution may be added for be	etter identification.)	
I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:				
and interest throughout and application for pate	the United States, its Terri	itories, Possessions, and Pue suing thereon, and any contir	he Secretary of the Army, the entire right, title entire right, title entire Rico, in and to the above-entitled invention nuation, continuation-in-part or division of said	
which the Government, application to be filed; programment or fails invention in such foreign Government in any pate	within eight months of the provided that if the Governa to make such a determinati In country shall remain in m ent which may issue on the	e filing of the United States a ment determines not to cause ion, within the said eight mor e (us), subject to a nonexclu- invention in such foreign co	st in the invention in those foreign countries in application for patent, determines to cause an e an application to be filed in any particular nths, all right, title and interest in the sive, irrevocable, royalty-free license to the untry, including the power to issue gn policies of the Government.	
3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.				
Signature of Inventor: _	(Eirst name)	(Middle Initial)	(Last name)	
Duty Address: 2100	O Brookpark Rd	Cleveland (County)	UI-I	
Date: 07-06-	98	Typed Name of Inven	ntor:Jih-Fen Lei	
State of: OHIC County of: Ouy F) ss	* * * * * * * * * * * * * * * * * * *	••	
On the above date and who executed the feact and deed.	Jih-Fen Lei pregoing instrument duly ap	kno ppeared before me and ackno	own to me to be the individual described in owledged to me that the same as his own free	
(SEAL)		Ker	(Signature of notary public)	
		My Commission	THEPEASE C. ROSS Notary Public, State of Ohio, Cuya. Cty.	

SUPPLEMENTAL SIGNATURE SHEET For use of this form, see AR 27-80; the proponent agency is OTJAG				
Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.				
1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)	2. APPLICATION SERIAL NUMBER 09/087,147			
Jih-Fen Lei, Gustave C. Fralick, and Michael J. Krasowski	3. FILING DATE 5/29/98			
4. TITLE OF INVENTION				
Microfabricated Multifunction Strain-Temperature Gauge				
SIGNATURE OF INVENTOR: Listave C.	Justick			
DUTY ADDRESS: 21000 Brookpark Rd Cleveland, Ohio 44135				
DATE SIGNED: July 6, 1998 INVENTOR'S TYPED NAME: Gustave C. Fralick				
STATE OF OHIO COUNTY OF CHAPTHOGA SS.				
On the above date Gustave C. Fralick known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.				
(SEAL) My Commission expi	Motary Public, State of Uhio, Cuya, Cty. My commission expires May 14, 2001			
SIGNATURE OF INVENTOR: Proposition (Page 1997)	(Last name)			
DUTY ADDRESS: 21600 BROWKFARK RD, (LEVE, OHIC 44135-				
DATE SIGNED: 6 300 96 INVENTOR'S TYPED NAME: Michael J. Krasowski				
STATE OF OHIO COUNTY OF CULTA HOGA SS. On the above date Michael J. Krasowski known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own				
(SEAL)	(Sometime of noticy public ROSS Notate of Unio, Cuya. Cty. My compression expires May 14, 2001			

DA FORM 4230-R, APR 93

REPLACES DA FORM 4230-R, MAR 74, WHICH IS OBSOLETE

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