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1	1. Troy W. Barbee, Jr.			E d				
2. Randall L. Simpson 3. Alexander E. Gash			The Regents of the University of California					
4. Joe H. Satcher Jr.			1111 Franklin Street					
10-1-02			The Regents of the University of California 1111 Franklin Street Oakland, CA 94612-3550					
Attorney	Attorney Docket No.: IL-11034							
3. Natu	re of conveyance:							
	Assignment	Execu	ution	Date:	9-24-2002			
4. Appli	ication number(s) or patent num	nber(s):	IL-11	034				
	document is being filed together with cation, the execution date of the applic		9-24-2002					
	A. Patent Application No.(s)		B. Patent No.(s)					
			10/26/879					
Name and address of party to whom correspor concerning document should be mailed:			idence 6. Total Number of applications and patents involved: ONE					
Name:	Ann M. Lee		7. 1	otal fee	\$ 40.00			
Address:	Lawrence Livermore Nat. Labo	oratory		Enclos	sed			
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Teresa Walls					2. 9/30/03-			
Name of Person Signing Signature Date								
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> PATENT REEL: 013357 FRAME: 0542

ASSIGNMENT

Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-pextension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rigunder all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be maderial entered into which would conflict with this assignment; ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all perting facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relationstruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventional said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to institute the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University	LNL Case No.: <u>IL-11034</u>	
3. Alexander E. Gash 4. Joe H. Satcher Jr. 5	or good and valuable consideration the re	ot of which is hereby acknowledged ASSIGNOR(s)
5	Troy W. Barbee	2. Randell L. Simpson
9	Alexander E. Gash	4. Joe H. Satcher Jr.
9		6.
hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a Califor Corporation, having its statewide administrative offices located at 1111 Franklin Street, Oakland, Califo 94607-5200, and the successors, assigns and legal representative of the ASSIGNEE all of its right, title interest for the United States and its territorial possessions and in all foreign countries in and to, any and improvements which are disclosed in the invention entitled: Nano-Laminate-Based Ignitors and which is found in U.S. patent application executed on 9-24-2002 , entitled as above and listing the above named persons as inventors U.S. patent application serial no. , filled on U.S. patent no. , issued and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Lett Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-pextension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rigunder all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made accessible to ASSIGNCB and will testify as to the same in any interference, litigation, or proceeding relations and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNCB and will testify as to the same in any interference, litigation, or proceeding relationer to any difference of the promptly execute and deliver to ASSIGNCE or its legal representative any and all pape instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent he United States and any reissue		
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U.S. patent application executed on 9-24-2002 , entitled as above and listing the above named persons as inventors □ U.S. patent application serial no. , filed on □ U.S. patent application serial no. , issued and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Lett Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-pextension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rigure under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) 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(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinates 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 relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all paper instruments or affidiavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to institute the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University	orporation, having its statewide administances. B607-5200, and the successors, assignsterest for the United States and its terri	ive offices located at 1111 Franklin Street, Oakland, Californi d legal representative of the ASSIGNEE all of its right, title and Il possessions and in all foreign countries in and to, any and a
U.S. patent application executed on 9-24-2002 , entitled as above and listing the above named persons as inventors □ U.S. patent application serial no. , filed on □ U.S. patent no. , issued and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letter Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-pextension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rigurder all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) 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(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinates 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 relativered and will promptly execute and deliver to ASSIGNEE or its legal representative any and all paper instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insinto this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University	ano-Laminate-Based Ignitors	
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	United States and any reissue or exte	sioner of Patents and Trademarks to issue said Letters Patent of on thereof to the ASSIGNEE, the Regents of the University of
executed this Signature of Inventor(s)	1.0	Signature of Inventor(s)
Date / Troy W. Barbee Jr	Date /	Troy W. Barbee Jr

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executed this 9/23/02 Date	Signature of Inventor(s) Randall L. Simpson
9/20/02 Date	Alexander E. Gash
9 24 (02 Date	Joe H. Satcher Jr.
Date	
Date	
 Date	
Date	
Date	

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