FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 JUL 1 2 2000 🗟 05-23-2001



101728249

U.S. Department of Commerce Patent and Trademark Office PATENT

Submission	n Type			Conveya	nce Typ	е		ent(s) or copy(ies).
√ New	7-	MRD 12_3 Recordation)	> (✓ Assig	nment	Secu	rity Agree	ement
Resubmi Docume	ission (Nôn- nt ID#	Recordation)		Licen	se	Chan	ige of Nar	ne
Correction Reel #	on of PTO E	rror Frame #		Merge	er	Othe		
	e Documen				(For Use	U.S. Gov	ernment	Aganaian)
Reel #		Frame #				artmental F		Secret File
Conveying	Party(ies)		✓ Mark i	f additional	names of cor	veying par	rties attached Execution Date
Name (line 1)	Galen D. Sti	ucky						Month Day Ye
Name (line 2)								
Second Party								Execution Date Month Day Ye
Name (line 1)	Bradley F. C	Chmelka						06/01/2000
Name (line 2)								
Receiving P	arty				Ma	rk if additiona	I names of	receiving parties attached
Name (line 1)	The Regents	of the Universi	ty of Califor	nia				If document to be recorded is an assignment and the
Name (line 2)								receiving party is not domiciled in the United States, an appointment
		in Street 5th Fl	oor		· · · · · · · · · · · · · · · · · · ·	<u> </u>		of a domestic representative is attached (Designation must be a
Address (line 1)	1111 Frankli	in Street, Still I						consents described for an
Address (line 1) Address (line 2)	1111 Frankli	in Street, Stirt						separate document from Assignment.)
		in Street, Stirr		CA/USA			94607	Assignment.)
Address (line 2)	Oakland	City		S	state/Country		94607 Zip C	Assignment.)
Address (line 2)	Oakland	City	and Ad	S		or the first Red	Zip C	Assignment.) -5200
Address (line 2) Address (line 3)	Oakland epresenta	City		S		or the first Red	Zip C	Assignment.) -5200
Address (line 2) Address (line 3)	Oakland epresent a Terri L. Sale	City ative Name , Esq., Reg. No.	45,066	S		or the first Re	Zip C	Assignment.) -5200
Address (line 2) [Address (line 3) [Domestic Re	Oakland epresenta Terri L. Sale FULBRIGH	City ative Name , Esq., Reg. No. T & JAWORSk	45,066 (I L.L.P.	S			Zip C	Assignment.) -5200
Address (line 2) [Address (line 3) [Domestic Re Name [Address (line 1) [Oakland epresenta Terri L. Sale FULBRIGH 865 South Fig	City ative Name , Esq., Reg. No. T & JAWORSk gueroa Street, 2	45,066 XI L.L.P. 9th Floor	S			Zip C	Assignment.) -5200
Address (line 2) Address (line 3) Domestic Re Name Address (line 1)	Oakland epresenta Terri L. Sale FULBRIGH 865 South Fig	City ative Name , Esq., Reg. No. T & JAWORSk gueroa Street, 2	45,066 XI L.L.P. 9th Floor	S			Zip C	Assignment.) -5200
Address (line 2) [Address (line 3) [Domestic Re Name [Address (line 1) [Address (line 2) [Oakland epresenta Terri L. Sale FULBRIGH 865 South Fig	City ative Name , Esq., Reg. No. T & JAWORSk gueroa Street, 2	45,066 XI L.L.P. 9th Floor	S			Zip C	Assignment.) -5200
Address (line 2) [Address (line 3) [Domestic Re Name [Address (line 1) [Address (line 2) [Oakland Perresenta Terri L. Sale FULBRIGH 865 South Figure	City ative Name , Esq., Reg. No. T & JAWORSK gueroa Street, 2 CA 90017-2570	45,066 KI L.L.P. 9th Floor	S	Enter fo		Zip C	Assignment.) -5200

en estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington,
D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT Washington,

REEL: 011813 FRAME: 0286

FORM	PTO-1619B					
Expires 06/30/99						
OMB 0651	-0027					

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspondent Name and Address	Area Code and Telephone Number	213/892-9200
Name Terri L. Sale, Esq., Reg. No. 45,066	010	
Address (line 1) FULBRIGHT & JAWORSKI L.L.P.	JUL 1 2 2000 C	
Address (line 2) 865 South Figueroa Street	JUL 1 2 2000 C	
Address (line 3) 29th Floor	RADEMARKE	
Address (line 4) Los Angeles, CA 90017-2576		
Pages Enter the total number of page including any attachments.	s of the attached conveyance document	# 10
Application Number(s) or Patent Numb	Der(s) Mark if addit	ional numbers attached
Enter either the Patent Application Number or the Pa		
Patent Application Number(s)	Patent Nu	mber(s)
09/554,259		
If this document is being filed together with a new Patent	t Application, enter the date the patent application	Month Day Year
Patent Cooperation Treaty (PCT)		
Enter PCT application number	PCT	PCT
Number of Properties Enter the total nu	umber of properties involved. #	1
Fee Amount for	or Properties Listed (37 CFR 3.41): \$	40.00
Method of Payment: Enclose Deposit Account (Enter for payment by deposit account or if addit		
· · · · · · · · · · · · · · · · · · ·	eposit Account Number: #	50-0337
Αι	uthorization to charge additional fees: Yes	✓ No
Statement and Signature		
	ef, the foregoing information is true and of ginal document. Charges to deposit acco	
Terri L. Sale, Esq.	Territ So	JULY 7, 2000
Name of Person Signing	Signature	Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying I	Party(ies) Mark if additional names of conveying parties Conveying Parties	
		Execution Date Month Day Year
Name (line 1)	Dongyuan Zhoa	05/26/2000
Name (line 2)	JUL 1 2 2000 C	Execution Date Month Day Year
Name (line 1)		06/05/2000
Name (line 2)	CADEMAS & COLOR	Execution Date Month Day Year
Name (line 1)	Qisheng Huo	06/29/2000
Name (line 2)		
Receiving P	arty Mark if additional names of red	ceiving parties attached
Name (line 1)		If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic
Address (line 1)		representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Code	
Name (line 1)		If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic
Address (line 1)		representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Code	
Application		al numbers attached
Enter either ti	ne Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sa	
Pa	tent Application Number(s) Patent Numb	er(s)

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying I	Party(ies) Mark if additional names of conveying parties a Conveying Parties	
		Execution Date Month Day Year
Name (line 1)	Jianglin Feng	06/28/2000
Name (line 2)	JUL 1 2 2000 💮	Execution Date Month Day Year
Name (line 1)		06/28/2000
Name (line 2)	TRADEMARY	Execution Date
Name (line 1)	David Pine	Month Day Year
riamo (mio 1)		06/13/2000
Name (line 2)		
Receiving P	arty Mark if additional names of recei	ving parties attached
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Code	
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1)		representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)		
·	City State/Country Zip Code	
Application	Number(s) or Patent Number(s) Mark if additional n	umbers attached
Enter either th	e Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same	e property).
	ent Application Number(s) Patent Number	· · · · · · · · · · · · · · · · · · ·
L	J	
	·	

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Enter additiona	Party(ies) Mark if additional names of conveying parties a Conveying Parties	Execution Date
	David Margolese	Month Day Year 06/28/2000
Name (line 2)	JUL 1 2 2000 S	Execution Date Month Day Year
Name (line 1)	Wayne Lukens, Jr.	06/29/2000
Name (line 2)		Execution Date Month Day Year
Name (line 1)	Glenn Fredrickson	05/24/2000
Name (line 2)		
Receiving P	arty Mark if additional names of recei	
Name (line 1)		If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic representative is attached.
Address (line 1)		(Designation must be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	City State/Country Zip Code	
Name (line 1)		If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic
Address (line 1)		representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	City State/Country Zip Code	
• •	Number(s) or Patent Number(s) Mark if additional in the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same	
Pa	tent Application Number(s) Patent Number	r(s)

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Party		Mark i	f additional names	of conveying partie	s attached Execution Date
Name (line 1) Patrick		IP			Month Day Year 05/24/2000
Name (inte 1) Fatrice	(Schillet-Wilker	11			03/24/2000
Name (line 2)		1 2 2000			Execution Date Month Day Year
Name (line 1)	P. P. C.	J			
Name (line 2)	477	PADEMAS TO			Execution Date Month Day Year
Name (line 1)					
Name (line 2)					
Receiving Party			Mark if add	ditional names of re	ceiving parties attached
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1)					representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)					Assignments
Address (line 3)	City		State/Country	Zip Code	
Name (line 1)					If document to be recorded is an assignment and the receiving party is not
Name (line 2)					domiciled in the United States, an appointment of a domestic
Address (line 1)					representative is attached. (Designation must be a separate document from Assignment.)
Address (line 2)					Assignment.
Address (line 3)	City		State/Country	Zip Code	
Application Num	ber(s) or Patent Nu	mber(s)		Mark if addition	al numbers attached
	nt Application Number or the .pplication Number(s)	Patent Number (D0	O NOT ENTER BOT	H numbers for the s Patent Numl	
Faterit A	pplication (tumber(s)				701(3)
				1	

ASSIGNMENT

For	good and valuable consideration, the receipt of v	vhich	is hereby acknowledged, ASSIGNOR(S),
1	Galen D. Stucky	2	Bradley F. Chmelka
3	Dongyuan Zhoa	4	Nick Melosh
5	Qisheng Huo	6	Jianglin Feng

U.C. Case No. 98-089-1

7. Peidong Yang

11. Glenn H. Fredrickson

9. <u>David Margolese</u> 10. <u>Wayne Lukens, Jr.</u>

hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin St., 5th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: BLOCK POLYMER PROCESSING FOR MESOSTRUCTURED INORGANIC OXIDE MATERIALS

8. David Pine

12. Patrick Schmidt-Winkel

- (a) ___ U.S. provisional filed herewith and listing the above named inventors
 (b) X U.S. patent application filed herewith and listing the above named inventors
- 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;

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 pertinent facts and document 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 papers, 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 the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California. executed this

				Signature of Inventor(s)
<u>/9</u>	_day of///_£	2000	t	Signature of Inventor(3)
	day of	, 2000	BFC 2	Signature of Inventor(s)
	day of	, 2000	D=3	Signature of Inventor(s)
	_day of	2000	NMT	Signature of Inventor(s)
	_day of	, 2000	Q+1 5	Signature of Inventor(s)
	_day of	, 2000	JF6	Signature of Inventor(s)
	_day of	, 2000		Signature of Inventor(s)
	day of	, 2000	DP &	Signature of Inventor(s)
	day of	, 2000	DM 9	Signature of Inventor(s)
	day of	, 2000	w L 10	Signature of Inventor(s)
24	day of MA	, 2000	_	Signature of Inventor(s)
24	day of Num	٧ . 2000	P5012	- Chambridge

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California. executed this

				Signature of Inventor(s)
<u>/9</u>	_day of _	// _μ , 2000	(Signature of Inventor(s)
1	_ day of _	Juliu , 2000	BRZ	Signature of Inventor(s)
	_day of _	, 2000	D= 3	Signature of Inventor(s)
5	_ _day of _	June, 2000	NHY	Mily Melsel Signature of Inventor(s)
	_day of _	, 2000		Signature of Inventor(s)
	_day of _	, 2000	JF6	Signature of Inventor(s)
	_day of _	, 2000	Py 7	Signature of Inventor(s)
	_day of _	, 2000	DP 8	Signature of Inventor(s)
	_day of _	, 2000	DM 9	Signature of Inventor(s)
	_day of _	, 2000	w L 10	Signature of Inventor(s)
24	_day of _	MAY , 2000	GHF(1	Signature of Inventor(s) Signature of Inventor(s)
94	day of	MAY 2000	PSW12	,

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California executed this

		Signature of Inventor(s)
19 day of 11.25	2000	Signature of Inventor(s)
day of	, 2000	BFC 7
26 day of Way	, 2000	Signature of Inventor(s)
day of	, 2000	NH + Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
day of	, 2000	JF6 Signature of Inventor(s)
day of	2000	Py 7 Signature of Inventor(s)
day of	, 2000	DP & Signature of Inventor(s)
day of	, 2000	DM 9 Signature of Inventor(x)
day of	, 2000	WLIO
day of	2000	GHF((Signature of Inventor(s)
day of	2000	P5W11/

United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) ____ day of _______. 2000 Signature of Inventor(s) _____ day of ______, 2000 Signature of Inventor(s) ____ day of ______. 2000 Signature of Inventor(s) ____ day of _____, 2000 Signature of Inventor(s) 29 day of June, 2000 ____ day of _____, 2000 Signature of Inventor(s) ____ day of _____, 2000

____ day of _____, 2000

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters patent of the

Signature of Inventor(s)

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California, executed this

		Signature of Inventor(s)
day of	, 2000	
day of	. 2000	Signature of Inventor(s)
(M) VI	•	Signature of Inventor(s)
day of	2000 ر	Signature of Inventor(s)
day of	<u>,</u> 2000	Signature or inversor(a)
		Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
28 day of June	ر پر 2000	J. Fruit
_	2000	Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
day of	_ 2000	
day of	_, 2000	Signature of Inventor(s)
		Signature of Inventor(s)
day of	_, 2000	Signature of Inventor(s)
day of	_, 2000	
	2000	Signature of Inventor(s)
day of	_m ∠000	

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California, executed this

		Signature of Inventor(s)
/9 day of _	May 2000	Signature of Inventor(s)
day of	June 2000	BR 2 De Signature of Inventor(s)
day of _	, 2000	D= 3 Signature of Inventor(s)
day of _	June, 2000	NM + Mily hulls (Signature of Inventor(s)
day of _	, 2000	Signature of Inventor(s)
day of _	, 2000	JF 6 Signature of Inventor(s)
day of _	, 2000	Py 7 Signature of Inventor(s)
13 day of _	JINE, 2000	DP % Signature of Inventor(s)
day of _	, 2000	DM 9 Signature of Inventor(s)
day of _	, 2000	WL() Signature of Inventor(s)
24 day of_	MAP 2000	GHF(Signature of Inventor(s)
day of	, 2000	PSW 1 V

		Signature of Inventor(s)
day of	2000	,
		Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
day of	2000	Signature of mventor(s)
@ay 01		Signature of Inventor(s)
day of	2000	
		Signature of Inventor(s)
day of	2000	
		Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
28 day of Jun	<u>Q,</u> 2000	peid
		Signature of Inventor(s)
day of	, 2000	
		Signature of Inventor(s)
day of	2000	Signature of Inventor(s)
day of	. 2000	Signature of inventor(s)
		Signature of Inventor(s)
day of	, 2000	
		Signature of Inventor(s)
day of	, 2000	

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California.

executed this

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California, executed this

			Signature of Inventor(s)
d	ay of	, 2000	
	·		Signature of Inventor(s)
dz	ıy of	, 2000	
عاد	ıy of	2000	Signature of Inventor(s)
CA		, 2000	Signature of Inventor(s)
ds	y of	, 2000	
			Signature of Inventor(s)
da	y of	, 2000	
			Signature of Inventor(s)
da	y of	, 2000	
da	y of	2000	Signature of Inventor(s)
			Signature of Inventor(s)
da	y of	2000	
			Signature of Inventor(s)
day	y of	2000	
.	T		Signature of Inventor(s)
<u>71</u> day	of June	2000	Signature of Inventor(s)
day	/ of	2000	COMMUNICATION (8)
		·	Signature of Inventor(s)
dars	of	2000	

AND the <u>ASSIGNOR(S)</u> 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, The Regents of the University of California, executed this

28 day of June	_, 2000	Davi Maryelis
day of	_, 2000	Signature of Inventor(s)
day of	_, 2000	Signature of Inventor(s)
day of	2000	Signature of Inventor(s)
day of	_, 2000	Signature of Inventor(s)
day of	_, 2600	Signature of Inventor(s)
day of	2000	Signature of Inventor(s)
day of	2000	Signature of Inventor(s)
day of	_, 2000	Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s)
day of	, 2000	Signature of Inventor(s) Signature of Inventor(s)
day of	2000	Signature of maction(2)

RECORDED: 07/12/2000