FORM PTO-1595 1/31/92 MPD.99

## 05-10-1999 101034208

ENT OF COMMERCE and Trademark Office

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	<ol> <li>Name of conveying party(ies):         Yicheng Wu         Jianguo Liu         Peizhen Fu         Junxin Wang         Guiwen Zhao         Additional name(s) of conveying party(ies)</li> </ol>	<ol> <li>Name and address of receiving party(ies):         Name: University of Science and Technology of China         Internal Address: No. 96 Jinzhai Road Heifei, Anhui Province, P.R. China     </li> </ol>
	attached? <u>Yes X</u> No	Street Address: same as above
	3. Nature of conveyance:  X Assignment Merger  Other  Execution Date: April 1, 1999	Additional name(s) & address(es) attached?Yes XNo
	4. Application number(s) or patent number(s):	09/301092
	If this document is being filed together with of the application is: April 9, 1999	a new non-provisional application, the execution date
	A. Patent Application No.(s)	B. Patent No.(s)
	Additional numbers atta	ached?Yes _X_No
05/06/1999 03 FC:581	TDADE1 00000024 160631 09301092  Name and address of party to whom concerning document should be mailed:	6. Total number of applications and patents involved: _1_
	Name: Steven J. Keough Internal Address: 4800 IDS Center 80 South 8th Street Minneapolis, Minnesota 55402-2100	7. Total fee (37 CFR 3.41): \$40  X Enclosed Authorized to be charged to deposit account
	Street Address: 4800 IDS Center 80 South 8th Street	<ol> <li>Deposit Account Number: 16-0631         (Attached duplicate copy of this page if paying by deposit account)     </li> </ol>
	City: Minneapolis State: MN ZIP: 55402-2100	
	DO NOT U	JSE 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.

Steven J. Keough Name of Person Signing nature Date

Total number of pages comprising cover sheet: 2

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PATENT

REEL: 9932 FRAME: 0862

ASSIGNMENT OF APPLICATION	Docket Number (Optional)
Whereas, I,ofHefei, Anhui	Province, hereafter
referred to as applicant, have invented certain new and useful improvement Nonlinear Optical Crystal of Compound R <sub>2</sub> MB <sub>10</sub> O <sub>19</sub> And Producing Me	
for which an application for a United States Patent was filed on  Application Number	,
for which an application for a United States Patent was executed	on, and
Whereas, University of Science and Technology of China of Hefei, Anhui Pro	ovince herein referred to
"assignee" whose post office address isNo.96 Jinzhai Road, Heifei, Anhui	Province, P. R. China is de-
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of dollars (\$	), the receipt whereof is ac-
knowledged, and other good and valuable consideration, I, the applicant,	by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said inve	ention in the United States and the
entire right, title and interest in and to any and all Patents which may be gra	anted therefor in the United States
I hereby authorize and request the Commissioner of Patents and Trade	marks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the	same, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of t	he term for which said Patent may
be granted, as fully and entirely as the same would have been held by me	e had this assignment and sale not
been made.	
Executed this day of April	, 19 <u>99</u> ,
at No. 96 Jinzhai Road, Hefei 230026, Auhui Province, P. R. China	
Yichane Is	Žu
State of	(Signature)
Seal	(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

1

	ASSIGNMENT OF APPL	ICATION	Docket Number	(Optional)
Whereas, <b>i</b> ,	Jianguo LIU	of Hefei, A	Anhui Province	horseft
referred to as ap	pplicant, have invented certain n	ew and useful improv	rements in	
Nonlinear Opt	rical Crystal of Compound R <sub>2</sub> MB	10O <sub>19</sub> And Producing 1	Method and uses thereof	:
Applicat	h an application for a United Station Number/			
for whic	h an application for a United Stat	tes Patent was execu	ited on	, and
	ity of Science and Technology of China			in referred to
"assignee" whos	e post office address is No.96 J	inzhai Road, Heifei, Anh	ui Province, P. R. China	is de-
sirous of acquiri	ng the entire right, title and inter	est in the same;		
Now, therefore, i	in consideration of the sum of	ten dollars (\$	), the receipt w	hereof is ac-
	d other good and valuable consi		·	
and transfer unto	o said assignee the full and exclu	usive right to the said	invention in the United S	tates and the
entire right, title a	and interest in and to any and all	Patents which may be	e granted therefor in the U	Jnited States,
I hereby authoriz	ze and request the Commission	er of Patents and Tra	ademarks to issue said U	Inited States
Patent to said as	ssignee, of the entire right, title, a	and interest in and to t	the same, for his sole use	and behoof;
	and behoof of his legal represent			
	illy and entirely as the same wou			•
been made.	any and onarony as the same wee	na nave been near by	The flue this assignment	and sale not
	1	of April	90	)
Executed this No. 96 Jinzl	day hai Road, Hefei 230026, Auhui Pi	OI	, 1999	1
at				·
			Lin Jion guo	
State of			(Signature)	
County of	)			,
	sonally appeared said ged the foregoing instrument to be , 19	his free act and deed	this	
Seal			(Notary Public)	<del></del>
			(110taly Lublic)	

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Whereas, I,	Peizhen FU	of	Hefei, Anhui P	rovince	_, hereafte
referred to as app	olicant, have invented cal Crystal of Compo	d certain new and	l useful improvement	ts in	
for which Application	an application for a Lon Number/_	United States Pate	ent was filed on		
for which	an application for a l	United States Pat	ent was executed on		, and
Whereas, Universit	y of Science and Technol	ogy of China	Hefei, Anhui Provi	nce hereir	referred to
"assignee" whose	post office address is	No.96 Jinzhai Ro	oad, Heifei, Anhui Provi	nce, P. R. China	is de
	g the entire right, title			•	,
Now, therefore, in	consideration of the	sum of ten	dollars (\$	), the receipt whe	ereofis ac
knowledged, and	other good and value	able consideratio	n, I, the applicant, by	these presents do s	sell, assigr
and transfer unto	said assignee the ful	l and exclusive rig	ght to the said invent	on in the United Sta	ates and th
entire right, title ar	nd interest in and to a	ny and all Patents	s which may be grant	ed therefor in the Un	ited States
I hereby authorize	e and request the Co	ommissioner of Pa	atents and Tradema	rks to issue said Un	ited States
Patent to said ass	ignee, of the entire ri	ght, title, and inte	rest in and to the sar	ne, for his sole use a	and behoof
and for the use an	d behoof of his legal	representatives,	to the full end of the	term for which said I	Patent may
be granted, as full	y and entirely as the	 same would have	e been held by me ha	ıd this assignment a	nd sale no
been made.					
Executed this		day of		, 19 <u>99</u>	
atNo. 96 Jinzh	nai Road, Hefei 23002	26, Auhui Province	e, P. R. China		
			Fu A	Peishen	
State of	SS:		<del></del>	(Signature)	

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ASSIGNMENT OF A	PPLICATION Docket Number (Optional)
Whereas, I,Junxin WANG	of Hefei, Anhui Province, hereaft
	ain new and useful improvements in
for which an application for a United Application Number/	States Patent was filed on,
for which an application for a United	States Patent was executed on, and
Whereas, University of Science and Technology of	China of Hefei, Anhui Province herein referred
	96 Jinzhai Road, Heifei, Anhui Province, P. R. China is d
sirous of acquiring the entire right, title and i	interest in the same;
Now, therefore, in consideration of the sum	of <u>ten</u> dollars (\$), the receipt whereof is a
knowledged, and other good and valuable c	onsideration, I, the applicant, by these presents do sell, assig
and transfer unto said assignee the full and	exclusive right to the said invention in the United States and tl
entire right, title and interest in and to any an	d all Patents which may be granted therefor in the United State
I hereby authorize and request the Commis	sioner of Patents and Trademarks to issue said United State
Patent to said assignee, of the entire right, ti	tle, and interest in and to the same, for his sole use and behoo
and for the use and behoof of his legal repre	sentatives, to the full end of the term for which said Patent ma
	would have been held by me had this assignment and sale n
been made.	
Executed this1	day of, 1999,
atNo. 96 Jinzhai Road, Hefei 230026, A	Auhui Province, P. R. China
	Wang Junxin
State of	(Signature)
Before me personally appeared said and acknowledged the foregoing instrument to day of, 19	to be his free act and deed this

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Whereas, I,	Guiwen ZHAO of	Hefei, Anhui Provin	ice , hereafte
•	oplicant, have invented certain new auptical Crystal of Compound R <sub>2</sub> MB <sub>10</sub> O	-	
	h an application for a United States Prion Number/		1
for which	h an application for a United States P	atent was executed on	, and
Whereas, Univers	eity of Science and Technology of China of	Hefei, Anhui Province	herein referred to
"assignee" whos	e post office address is No.96 Jinzhai R	oad, Heifei, Anhui Province, P	R. China is de
	ng the entire right, title and interest in		
Now, therefore,	in consideration of the sum of	ten_dollars (\$	_), the receipt whereof is ac
knowledged, and	d other good and valuable considerat	tion, I, the applicant, by th	ese presents do sell, assigr
and transfer unto	o said assignee the full and exclusive	right to the said invention	in the United States and th
•	o said assignee the full and exclusive and interest in and to any and all Patei		
entire right, title a		nts which may be granted	therefor in the United States
entire right, title a	and interest in and to any and all Pate	nts which may be granted Patents and Trademarks	therefor in the United States
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entire right, title at I hereby authorize Patent to said as and for the use at be granted, as further been made.  Executed this	and interest in and to any and all Pater ze and request the Commissioner of ssignee, of the entire right, title, and in and behoof of his legal representative ally and entirely as the same would have a day of	Patents and Trademarks nterest in and to the same es, to the full end of the tere ave been held by me had  April  vince, P. R. China	therefor in the United States to issue said United States, for his sole use and behoof m for which said Patent may this assignment and sale no
entire right, title at I hereby authorize Patent to said as and for the use at a be granted, as further been made.  Executed this	and interest in and to any and all Pater ze and request the Commissioner of ssignee, of the entire right, title, and in and behoof of his legal representative ally and entirely as the same would have a day of	Patents and Trademarks nterest in and to the same es, to the full end of the tere ave been held by me had  April  vince, P. R. China	therefor in the United States to issue said United States, for his sole use and behoof m for which said Patent may this assignment and sale no, 19_99  Gui Wen

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RECORDED: 04/28/1999