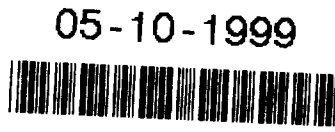


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05-10-1999

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JCS58 U.S. PTO
09/301092
04/28/99

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yicheng Wu
Jianguo Liu
Peizhen Fu
Junxin Wang
Guiwen Zhao

2. 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

Additional name(s) of conveying party(ies)
attached? ___ Yes X No

Street Address: same as above

3. Nature of conveyance:
X Assignment ___ Merger
___ Other _____

Additional name(s) & address(es) attached?
___ Yes X No

Execution Date: April 1, 1999

4. Application number(s) or patent number(s):

091301092

If this document is being filed together with a new non-provisional application, the execution date
of the application is: April 9, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

05/06/1999 TRADE1
03 FC:581

5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Steven J. Keough
Internal Address: 4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100
Street Address: 4800 IDS Center
80 South 8th Street

City: Minneapolis State: MN ZIP: 55402-2100

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41): \$40
X Enclosed
___ Authorized to be charged to deposit account

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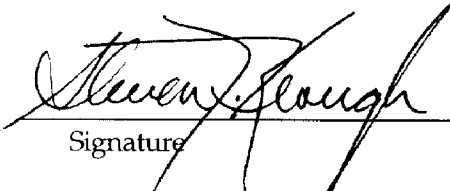
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PATENT
REEL: 9932 FRAME: 0861

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

 4/28/99
Signature Date

Total number of pages comprising cover sheet: 2

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Yicheng WU of Hefei, Anhui Province, hereafter referred to as applicant, have invented certain new and useful improvements in Nonlinear Optical Crystal of Compound R₂MB₁₀O₁₉ And Producing Method and uses thereof

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 Province herein referred to "assignee" whose post office address is No.96 Jinzhai Road, Heifei, Anhui Province, P. R. China is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$_____), the receipt whereof is acknowledged, 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 invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 1 day of April, 19 99,
at No. 96 Jinzhai Road, Hefei 230026, Auhui Province, P. R. China

Yicheng Wu
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 19____.

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.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Jianguo LIU of Hefei, Anhui Province, hereafter referred to as applicant, have invented certain new and useful improvements in Nonlinear Optical Crystal of Compound $R_2MB_{10}O_{19}$ And Producing Method and uses thereof

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 Province herein referred to "assignee" whose post office address is No.96 Jinzhai Road, Hefei, Anhui Province, P. R. China is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$_____), the receipt whereof is acknowledged, 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 invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 1 day of April, 19 99,
at No. 96 Jinzhai Road, Hefei 230026, Anhui Province, P. R. China

Liu Jianguo

(Signature)

State of _____) SS:

County of _____)

Before me personally appeared said _____

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 19____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Peizhen FU of Hefei, Anhui Province, hereafter referred to as applicant, have invented certain new and useful improvements in Nonlinear Optical Crystal of Compound R₂MB₁₀O₁₉ And Producing Method and uses thereof :

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 Province herein referred to "assignee" whose post office address is No.96 Jinzhai Road, Heifei, Anhui Province, P. R. China is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$_____), the receipt whereof is acknowledged, 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 invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 1 day of April, 19 99 at No. 96 Jinzhai Road, Hefei 230026, Auhui Province, P. R. China

Fu Peizhen
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 19____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Junxin WANG of Hefei, Anhui Province, hereafter referred to as applicant, have invented certain new and useful improvements in Nonlinear Optical Crystal of Compound R₂MB₁₀O₁₉ And Producing Method and uses thereof

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 Province herein referred to "assignee" whose post office address is No.96 Jinzhai Road, Hefei, Anhui Province, P. R. China is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ _____), the receipt whereof is acknowledged, 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 invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 1 day of April, 19 99, at No. 96 Jinzhai Road, Hefei 230026, Anhui Province, P. R. China

Wang Junxin

(Signature)

State of _____) SS:

County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 19____.

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(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Guiwen ZHAO of Hefei, Anhui Province, hereafter referred to as applicant, have invented certain new and useful improvements in Nonlinear Optical Crystal of Compound R₂MB₁₀O₁₉, And Producing Method and uses thereof

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 Province herein referred to "assignee" whose post office address is No.96 Jinzhai Road, Hefei, Anhui Province, P. R. China is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ _____), the receipt whereof is acknowledged, 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 invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks 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 the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 1 day of April, 19 99,
at No. 96 Jinzhai Road, Hefei 230026, Anhui Province, P. R. China

zhao Gui Wen
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 19____.

Seal

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