

# PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT OF ASSIGNOR'S INTEREST

## CONVEYING PARTY DATA

**Name:** MARR, David W.M.

**Execution Date:** 07/17/2002

**Name:** GONG, Tieying

**Execution Date:** 07/17/2002

**Name:** OAKEY, John

**Execution Date:** 07/17/2002

**Name:** TERRAY, Alexander V.

**Execution Date:** 07/17/2002

## RECEIVING PARTY DATA

**Name:** Colorado School of Mines

**Street Address:** 1500 Illinois Street

**Internal Address:**

**City:** Golden

**State:** COLORADO

**Country:**

**Postal Code:** 80401

## PROPERTY NUMBERS

**Application Number:** 10138799

**Number of Properties:** 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** (303) 975-5351

## CORRESPONDENCE DATA:

***Correspondence will be sent via US Mail when a fax number***

***has not been provided or the fax attempt is unsuccessful.***

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

**PATENT**

**800003533**

**REEL: 013093 FRAME: 0218**

**CUSTOMER NUMBER:** 025928

**NAME OF PERSON SIGNING:** Christopher J. Kulish

**DATE SIGNED:** 09/16/2002

**Total Attachments:** 8

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source="Marr2.tif "  
source="Gong1.tif "  
source="Gong2.tif "  
source="Oakey1.tif "  
source="Oakey2.tif "  
source="Terry1.tif "  
source="Terry2.tif "

ASSIGNMENT

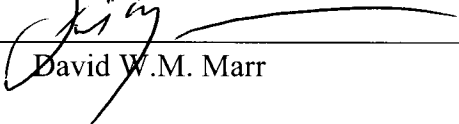
WHEREAS, I, David W.M. Marr of 21508 Mountsfield Drive, Golden, CO 80403, together with Tieying Gong of 1600 West Campus Road, #44, Golden, CO 80401, John Oakey of 1006 13th Street, Golden, CO 80401 and Alexander V. Terray of 16181 West 12th Avenue, Golden, CO 80401, have invented a certain new and useful invention entitled "DEVICES EMPLOYING COLLOIDAL-SIZED PARTICLES", for which an application for Letters Patent of the United States was filed on May 3, 2002, accorded Serial No. 10/138,799, and further identified as Attorney File No. 18683-02380;

NOW THEREFORE, be it known that I, one of the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Colorado School of Mines, an institution of higher education having a place of business at 1500 Illinois Street, Golden, Colorado 80401, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Colorado School of Mines and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Colorado School of Mines, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 7/17/02

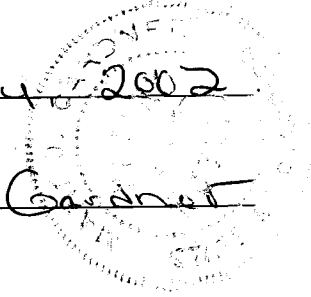
By:   
David W.M. Marr

STATE OF COLORADO            )  
  ) ss.  
COUNTY OF JEFFERSON        )

Before me, a Notary Public in and for said County and State, personally appeared David W.M. Marr, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 17<sup>th</sup> day of July, 2002.

Mary J. Gardner  
Notary Public



My Commission Expires: 01/08/06

ASSIGNMENT

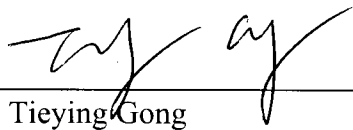
WHEREAS, I, Tieying Gong of 1600 West Campus Road, #44, Golden, CO 80401, together with David W.M. Marr of 21508 Mountsfield Drive, Golden, CO 80403, John Oakey of 1006 13th Street, Golden, CO 80401 and Alexander V. Terray of 16181 West 12th Avenue, Golden, CO 80401, have invented a certain new and useful invention entitled "DEVICES EMPLOYING COLLOIDAL-SIZED PARTICLES", for which an application for Letters Patent of the United States was filed on May 3, 2002, accorded Serial No. 10/138,799, and further identified as Attorney File No. 18683-02380;

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 2/17/02

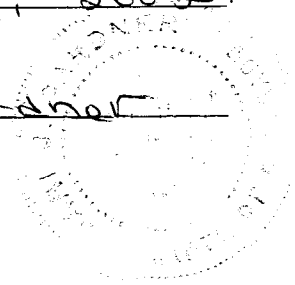
By:   
Tieying Gong

STATE OF COLORADO            )  
  ) ss.  
COUNTY OF JEFFERSON        )

Before me, a Notary Public in and for said County and State, personally appeared Tiejing Gong, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 17<sup>th</sup> day of July, 2002.

Mary J. Gardner  
Notary Public



My Commission Expires: 01/08/04

ASSIGNMENT

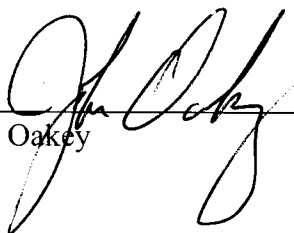
WHEREAS, I, John Oakey of 1006 13th Street, Golden, CO 80401, together with David W.M. Marr of 21508 Mountsfield Drive, Golden, CO 80403, Tieying Gong of 1600 West Campus Road, #44, Golden, CO 80401 and Alexander V. Terray of 16181 West 12th Avenue, Golden, CO 80401, have invented a certain new and useful invention entitled "DEVICES EMPLOYING COLLOIDAL-SIZED PARTICLES", for which an application for Letters Patent of the United States was filed on May 3, 2002, accorded Serial No. 10/138,799, and further identified as Attorney File No. 18683-02380;

NOW THEREFORE, be it known that I, one of the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Colorado School of Mines, an institution of higher education having a place of business at 1500 Illinois Street, Golden, Colorado 80401, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Colorado School of Mines and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: July 11, 2002

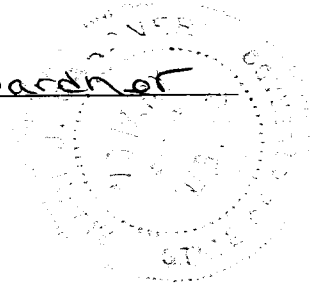
By:   
John Oakey

STATE OF COLORADO            )  
  ) ss.  
COUNTY OF JEFFERSON        )

Before me, a Notary Public in and for said County and State, personally appeared John Oakey, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 17<sup>th</sup> day of July, 2002.

Ma J. Gardner  
Notary Public



My Commission Expires: 01/08/06



## ASSIGNMENT

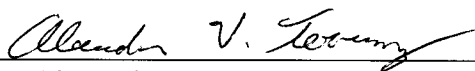
WHEREAS, I, Alexander V. Terray of 16181 West 12th Avenue, Golden, CO 80401, together with David W.M. Marr of 21508 Mountsfield Drive, Golden, CO 80403, Tieying Gong of 1600 West Campus Road, #44, Golden, CO 80401 and John Oakey of 1006 13th Street, Golden, CO 80401, have invented a certain new and useful invention entitled "DEVICES EMPLOYING COLLOIDAL-SIZED PARTICLES", for which an application for Letters Patent of the United States was filed on May 3, 2002, accorded Serial No. 10/138,799, and further identified as Attorney File No. 18683-02380;

NOW THEREFORE, be it known that I, one of the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Colorado School of Mines, an institution of higher education having a place of business at 1500 Illinois Street, Golden, Colorado 80401, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Colorado School of Mines and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Colorado School of Mines, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 7/17/02

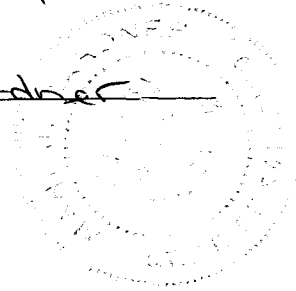
By:   
Alexander V. Terray

STATE OF COLORADO            )  
  ) ss.  
COUNTY OF JEFFERSON        )

Before me, a Notary Public in and for said County and State, personally appeared Alexander V. Terray, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 17<sup>th</sup> day of July, 2002

Mark J. Gardner  
Notary Public



My Commission Expires: 01/08/06