

Form PTO-1595 (Rev. 01-09)
OMB No. 0651-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

DONGXIANG LIAO; IVAN PETROV; JIANGUO WEN; ERIC OLSON and
TODOR I. DONCHEV
(also please file in the Government Register)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 2, 3, 4, 5 and 14 May 2012

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: UNITED STATES GOVERNMENT

Internal Address: HUMPHREYS ENGINEER CENTER SUPPORT

ACTIVITY (CEHEC-OC) (KINGMAN BLDG.)

Street Address: 7701 TELEGRAPH RD

City: ALEXANDRIA

State: VA

Country: USA

Zip: 22315-3860

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☐ This document is being filed together with a new application.

B. Patent No.(s)

US 8,059,271 B2; US 8,102,523 B1

Additional numbers attached? ☐ Yes ☒ No

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

Name: BRIAN C. JONES

Internal Address: HUMPHREYS ENGINEER CENTER SUPPORT

ACTIVITY (CEHEC-OC) (KINGMAN BLDG.)

Street Address: 7701 TELEGRAPH RD

City: ALEXANDRIA

State: VA

Zip: 22315-3860

Phone Number: 703 428-7317

Fax Number: 703 428-7221

Email Address: brian.c.jones@usace.army.mil

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

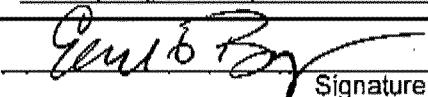
- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 01-2505

Authorized User Name EARL BAUGHER

9. Signature:


Signature

16 May 2012
Date

EARL H. BAUGHER, JR.
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$80.00 012505 805927

Attorney Docket No.
COE-621

ASSIGNMENT

ASSIGNMENT

Title of Invention: **REUSABLE SAMPLE HOLDING DEVICE PERMITTING READY LOADING
OF VERY SMALL WET SAMPLES**

Inventor: **DONGXIANG LIAO**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and patent and any additional patents issuing thereon, and any continuation, continuation-in-part or division of any patent application thereon and any reissue or extension of said patent or any additional patents.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

D. X. Liao

Date: May 2nd, 2012

Name of Inventor:

DONGXIANG LIAO

(First Name)

(Middle Initial)

(Last Name)

Address:

Sunnyvale
(Locality)

Santa Clara
(County)

CA
(State)

State of

CALIFORNIA)

) ss.

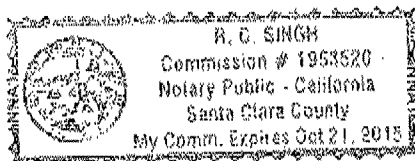
County of

SANTA CLARA)

On the above date, **DONGXIANG LIAO**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same is his own free act and deed.

My commission Expires:

(SEAL)



Signature of Notary Public

State of California, County of Santa Clara ss.

On 05/02/2012 before me R. G. SINGH
Notary Public, personally appeared DONGXIANG LIAO

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. **PATENT**

REEL: 028222 FRAME: 0598

Attorney Docket No.
COE-621

ASSIGNMENT

ASSIGNMENT

Title of Invention: **REUSABLE SAMPLE HOLDING DEVICE PERMITTING READY LOADING
OF VERY SMALL WET SAMPLES**

Inventor: **IVAN PETROV**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and patent and any additional patents issuing thereon; and any continuation, continuation-in-part or division of any patent application thereon and any reissue or extension of said patent or any additional patents.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

Ivan Petrov

Date: 05.04.2012

Name of Inventor:

IVAN PETROV

(First Name) (Middle Initial) (Last Name)

Address:

New York New York NY
(Locality) (County) (State)

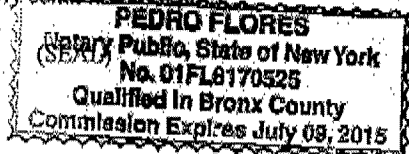
State of **NEW YORK**)

County of **NEW YORK**)

) ss.

On the above date, **IVAN PETROV**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same is his own free act and deed.

My commission Expires:



Pedro Flores
Signature of Notary Public

PATENT

REEL: 028222 FRAME: 0599

Attorney Docket No.
COE-621

ASSIGNMENT

ASSIGNMENT

**Title of Invention: REUSABLE SAMPLE HOLDING DEVICE PERMITTING READY LOADING
OF VERY SMALL WET SAMPLES**

Inventor: ERIC OLSON

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and patent and any additional patents issuing thereon, and any continuation, continuation-in-part or division of any patent application thereon and any reissue or extension of said patent or any additional patents.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:



Date: 5 May 2012

Name of Inventor:

ERIC OLSON

(First Name)

(Middle Initial)

(Last Name)

Address:

Champaign

Champaign

IL

(Locality)

(County)

(State)

State of

ILLINOIS

)

} ss.

County of

CHAMPAIGN

)

On the above date, **ERIC OLSON**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same is his own free act and deed.

My commission Expires: 11/10/14

Lauren Mitchell 5/5/2012
Signature of Notary Public

(SEAL)



PATENT

REEL: 028222 FRAME: 0600

Attorney Docket No.
COE-621

ASSIGNMENT

ASSIGNMENT

Title of Invention: **REUSABLE SAMPLE HOLDING DEVICE PERMITTING READY LOADING
OF VERY SMALL WET SAMPLES**

Inventor: **JIANGUO WEN**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and patent and any additional patents issuing thereon, and any continuation, continuation-in-part or division of any patent application thereon and any reissue or extension of said patent or any additional patents.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

Guo Wen

Date: 5/14/2012

Name of Inventor:

JIANGUO WEN

(First Name) (Middle Initial) (Last Name)

Address:

Materials Science Division, Argonne National Lab. 9700 South Cass Avenue

Argonne DuPage IL
(Locality) (County) (State)

State of **ILLINOIS**)

} ss.

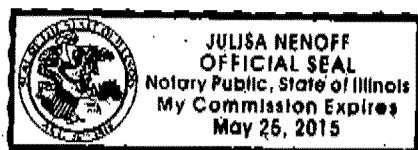
County of **DuPage**)

On the above date, **JIANGUO WEN**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same is his own free act and deed.

My commission Expires: May 25, 2015

Julisa Nenoff
Signature of Notary Public

(SEAL)



PATENT

REEL: 028222 FRAME: 0601

TRANSLATION AGENCY
„БОРАН-БГ“ ООД



1000 Sofia, Bulgaria
 157, G. S. Rakovski Street
 (Slaveykov Square)
 Tel: (+ 359 2) 987 95 77
 (+ 359 2) 981 88 02
 Fax: (+ 359 2) 987 42 58
 E-mail: boran@boran.bg
 www.boran.bg

Translation from Bulgarian

ASSIGNMENT

Title of Invention: REUSABLE SAMPLE HOLDING DEVICE, PERMITTING READY LOADING OF VERY SMALL WET SAMPLES

Inventor: TODOR I. DONCHEV

I, the undersigned Inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and patent and any additional patents issuing thereon, and any continuation, continuation-in-part or division of any patent application thereon and any reissue or extension of said patent or any additional patents.
2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: (sgd./ill.) Date: 03.05.2012

Name of Inventor: **TODOR I. DONCHEV**
 (First Name) (Middle Initial) (Last Name)

Address: Sofia Sofia Bulgaria
 (Locality) (County) (State)

State of Bulgaria)
 Mladost-3, Bl.305, Vh.2, Ap.96) ss.

County of Sofia)

On the above date, **TODOR I. DONCHEV**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same is his own free act and deed.

My commission Expires: (sgd./ill.)
 Signature of Notary Public
 (SEAL of Notary No. 267 Darina Stoykova - with scope of activity at the Regional Court of Sofia)



PATENT

REEL: 028222 FRAME: 0602

On 03.05.2012, Stefan Stoykov – assistant to Notary Darina Stoykova – a notary with scope of activity at the Regional Court of Sofia, registered under No.267 at the Notary Chamber, hereby verify the authenticity of the signature subscribed on this document by Todor Ivanov Donchev, ID No. 3909136320, residence in the city of Sofia.

Reg. No. 6205/2012 collected fee 5.00 BGN

Notary: (sgd./ill.) [round seal of Notary No. 267 at the Notary Chamber]

APOSTILLE

(Convention de la Haye du 5 octobre 1961)

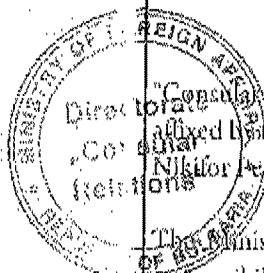
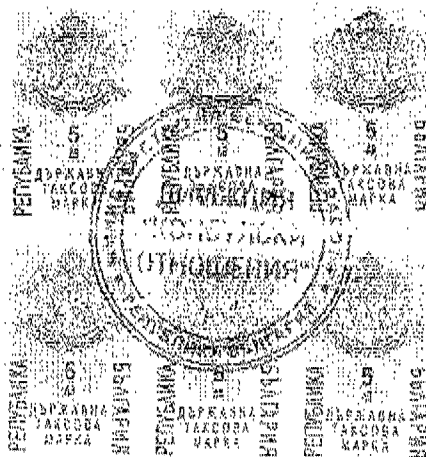
1. State: Republic of Bulgaria
2. This public act was signed by Darina Koleva Stoykova
3. in his/her capacity of Notary No. 267
4. and a seal/stamp of Notary 267 Darina Koleva Stoykova - Sofia was placed accordingly

CERTIFIED

5. in Sofia, Bulgaria
 6. on 03.05.2012
 7. by the Ministry of Justice
 8. under Ref. No. 7435
 9. seal [seal of the Bulgarian Ministry of Justice]
 10. Signed by: (sgd./ill.)
- <http://www.justice.government.bg/new/Apostille/>
code: 671204054803435

I, the Undersigned Nikifor Petrov Yankov, herewith verify the fidelity of the translation work made by me, from Bulgarian into English, on the document attached herein – assignment by an inventor. This translation work includes 2 pages.

Translator:

THE REPUBLIC OF BULGARIA

Ministry of Foreign Affairs

"Consular relations" Directorate certifies the signature, affixed by the translator:
Nikifor Petrov Yankov

The Ministry of Foreign Affairs does not bear the responsibility for fidelity of the translation.

Sofia, date: 08.05.2012 Legalization sector:



PATENT

REEL: 028222 FRAME: 0603

Attorney Docket No.
COE-621

ASSIGNMENT

ПРЕХВЪРЯНЕ ПРАВА

Наименование на изобретението: **УСТРОЙСТВО ЗА МНОГОКРАТНО ИЗПОЛДВАНЕ,
КОЕТО ДЪРЖИ ОБРАЗЕЦА И ПОЗВОЛЯВА
ЗАРЕЖДАНЕ НА МНОГО МАЛКИ И ТЪЧНИ
ОБРАЗИ**

Изобретателя:

Тодор И. Дончев

Долуподписаният изобретател, в съгласие с правата на правителството на Съединените Американски щати, придобити по силата на обстоятелствата при които е направено по-горе цитираното изобретение, с настоящото:

1. Прехвърлям на правителството на Съединените Американски Щати, представено от Секретаря на Армията, всички права, право на собственост и на ползи за Съединените Щати, нейните териториални притежания, както и Пуерто Рико, на по-горе цитираното изобретение и патент, както и всички допълнителни патенти издавани към него, както и на всички продължения, продължаване на части или разделяне на заявки за патент към него и всяко преиздаване или продължаване на патента или всякакви допълнителни патенти.
2. Съгласявам се да се прехвърлят на правителството, по негово искане, наименованието и ползите от изобретението в тези чужди страни, в които правителството, в рамките на осем месеца от подаването на заявка за патент в САЩ реши да подаде заявка, при условие че ако правителството прецени, че няма причина да бъдат подавани заявки във всяка конкретна чужда държава или не успее да направи тази констатация в рамките на осем месеца, всички права, наименования и ползите върху изобретението от тази чужда страна ще остане в мен, при условие че няма изключителен, неостмесим, безвъзмезден лиценз на правителството във всеки патент, който може да издаде на изобретението в тази чужда страна, изключително правомощия да се издават подлицензи за използване в името на правителството или в подкрепа на външната политика на правителството, или и двете.
3. Съгласявам се да предоставям всякаква допълнителна информация в рамките на моето знание и да предоставям всякакви допълнителни документи, необходими за съдебно преследване на заявки за патенти за изобретения на прокуратурата за уреждане на конфликти на интереси и запис на заглавия за заявки за патенти и за патенти издадени по тях.

Подпис на изобретателя:

Дата: 3 May 2012

Име на изобретателя:

ТОДОР И. ДОНЧЕВ
(Име) (Презиме) (Фамилия)

Адрес:

София София България
(Място) (Област) (Държава)

Държава

България)
Младост-3, Бл.305, Вх.2, Ап.96)

Място

София)

На горепосочената дата, Тодор И. Дончев, разпознат от мен като личността по-горе описана, която ще изпълни горепосочената инструкция, надписно показана пред мен, ми потвърди, че същата е негов собствен и свободен акт на действие.

Моят лиценз изтича на:

(ПЕЧАТ)

Подпис на Нотариуса

На 03.05.2012, СТЕФАН СТОЙКОВ - помощник-нотариус при ДАРИНА СТОЙКОВА - нотариус в район Р.С. - гр. София, рег. № 267 на Нотариалната камара, удостоверявам подписа върху този документ, подписан от: Тодор Иванов Дончев, ЕГН 3909136320 с местожителство гр.(С.) София
Рег. № 6205/2012, Събрано такса: 5,00. ил.

Помощник-нотариус

PATENT

REEL: 028222 FRAME: 0604



APOSTILLE	
(Convention de La Haye du 5 octobre 1961)	
1. Държава: Република България	
2. Този публичен акт е подписан от ДАРИНА КОЛЕВА СТОЙКОВА	
3. в качеството му на НОТАРИУС № 267	
4. и е поставен печат/марка НОТ. 267 ДАРИНА КОЛЕВА СТОЙКОВА - СОФИЯ	
<u>Заверен</u>	
5. в София, България	6. на 03.5.2012 г.
7. от Министерство на правосъдието	
8. под №	7436
9. Печат	10. Подпис
http://www.justice.government.bg/new/Apostille/	
Код : 671204054803435	

