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To:  
 JAMES F. HALEY  
 HALEY GUILIANO LLP  
 75 BROAD STREET, SUITE 1000  
 NEW YORK, NEW YORK 10004

Confirmation No: 5318

Date of mailing <i>(day/month/year)</i>	10 Mar 2020
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Applicant's or agent's file reference  
 000191-0145-WO1

**REPLY DUE**  
 See paragraph 1 below

International application No.  
 PCT/US2019/065099

International filing date  
*(day/month/year)*

06 Dec 2019

Applicant  
 ABRAMS, ROBERT S

1.  REPLY DUE within \_\_\_\_\_ months/days from the above date of mailing

NO REPLY DUE, however, see below \_\_\_\_\_

IMPORTANT COMMUNICATION

INFORMATION ONLY

2. COMMUNICATION:

The 27 January 2020, applicant submitted a REQUEST FOR RECTIFICATION OF OBVIOUS ERROR IN THE INTERNATIONAL APPLICATION PURSUANT TO PCT RULE 91.

REQUEST FOR RECTIFICATION OF OBVIOUS ERROR IN THE INTERNATIONAL APPLICATION PURSUANT TO PCT RULE 91 have not been accepted because the addition of an applicant, SiO2 Medical Products Inc., and the changing of all of the applicants/inventors to inventors only, under PCT Rule 92bis, must be signed by all of the applicants or be accompanied by a power of attorney signed by all of the applicants.

The REQUEST FOR RECTIFICATION OF OBVIOUS ERROR IN THE INTERNATIONAL APPLICATION PURSUANT TO PCT RULE 91 is NOT ACCEPTED.

Name and mailing address of the receiving Office  
 Mail Stop PCT, Commissioner for Patents  
 P.O. Box 1450, Alexandria, VA 22313-1450

Facsimile No. 571-273-8300

Authorized officer  
**Debra Brittingham**

Telephone No. 571-272-3280

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AS RECEIVING OFFICE OF THE PATENT COOPERATION TREATY**

Applicants: Abrams, Robert S., et al  
International Application No.: PCT/US2019/065099  
International Filing Date: 6 December 2019  
Title: IMPROVED SYRINGE AND GASKET SYSTEMS

New York, New York  
January 27, 2020

VIA EFS-WEB

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR RECTIFICATION OF OBVIOUS ERROR  
IN THE INTERNATIONAL APPLICATION PURSUANT TO PCT RULE 91**

Sir:

Pursuant to PCT Rule 91, applicants hereby request rectification of an obvious error in the named applicant in the above-identified PCT application (“the ‘099 PCT application”).

The ‘099 PCT application was filed in error in the names of the following applicants:

- Robert S. Abrams c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832
- Kenneth Wade Kelly c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832
- Ahmad Taha c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832
- Benjamin Hunt c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832
- Brian Russell Lilly c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832

- Ralf Kibele c/o SiO2 Medical Products, Inc., 2250 Riley Street, Auburn, AL 36832

Each should have been listed only as inventors, not as inventors/applicants.

At the filing date of the ‘099 PCT application, each of those inventors (Robert S. Abrams, Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, Brian Russell Lilly and Ralf Kibele), had assigned their rights in the ‘099 PCT application and earlier the provisional applications and rights of priority to SiO2 Medical Products Inc. (“SMP”). Therefore, they should have been listed as “inventors only”, rather than “applicants and inventors” on the ‘099 PCT application.

This mistake was an obvious error that should be rectified.

The ‘099 PCT application claims priority to four earlier U.S. provisional applications (filing receipts attached):

- 62/776,958; filed December 7, 2018
- 62/788,168; filed January 4, 2019
- 62/789,366; filed January 7, 2019
- 62/825,166; filed March 28, 2019

These U.S. provisional applications and the ‘099 PCT application, which claims priority to all four U.S. provisional applications, have the following inventors and applicants as shown in the table below.

Application No.	Inventors	Applicant(s)
62/776,958	Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, and Brian Russell Lilly	Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, and Brian Russell Lilly
62/788,168	Robert S. Abrams Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, and Brian Russell Lilly	SiO2 Medical Products Inc.

Application No.	Inventors	Applicant(s)
62/789,366	Robert S. Abrams Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, and Brian Russell Lilly	SiO2 Medical Products Inc.
62/825,166	Robert S. Abrams Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, and Brian Russell Lilly	SiO2 Medical Products Inc.
PCT/US2019/065099	Robert S. Abrams Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, Brian Russell Lilly Ralf Kibebe	Robert S. Abrams Kenneth Wade Kelly, Ahmad Taha, Benjamin Hunt, Brian Russell Lilly, and Ralf Kibebe

Thus, it is obvious that the correct applicant of the '099 PCT application should have been SMP. First, SMP was the sole applicant on each of U.S. Provisional Application Nos. 62/788,168; 62/789,366; and 62/825,166, filed January 4, January 7, and March 28, 2019 respectively. Second, each of the inventors listed on the '099 PCT application were indicated to have a mailing address c/o "SiO2 Medical Products, Inc.". Both confirm that "SiO2 Medical Products, Inc." should have been the applicant of the '099 PCT application.

For both reasons, this error would also be immediately evident "to the competent authority that, as at the applicable date<sup>1</sup> under paragraph (f), something else was intended than what appears in the document concerned<sup>2</sup> and that nothing else could have been intended than the proposed rectification."

The authorized officer is invited to contact the undersigned if further information is required. Applicants have authorized the authorized officer to charge any fees due in connection with this rectification to Deposit Account Number 06-1075, referencing 000191-0145-WO1.

<sup>1</sup> The International Filing Date – December 6, 2019

<sup>2</sup> The PCT Request Form

This is a rectifiable obvious mistake under PCT Rule 91.1 (a). No new matter has been added. Further, this rectification is not excepted by subsection of PCT Rule 91.1 (g). It is hereby requested the application be published with the correct applicant "SiO2 Medical Products, Inc.". This request for rectification is submitted to the competent authority within 26 months from the priority date. Thus, this request is timely filed. PCT Rule 91.2.

Applicants request that a copy of this response be forwarded to the International Searching Authority (EP). Please contact the undersigned if there are any questions.

Respectfully submitted,

/Kanika Ghai/

Kanika Ghai (USPTO Reg. No. 78,232)  
James F. Haley, Jr. (USPTO Reg. No. 27,794)  
HALEY GUILIANO LLP  
75 Broad Street, Suite 1000  
New York, NY 10004  
Tel.: 646-973-2500 | Fax: 646-219-6229  
Email: HGPatentDocket@hglaw.com  
Agent/Attorney for Applicant

Encls: Filing Receipts for US Application Nos.: 62/776,958; 62/788,168; 62/789,366 and 62/825,166



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
62/776,958	12/07/2018		140	SIO-0145USP		

**CONFIRMATION NO. 3791**

**FILING RECEIPT**

119653  
 SiO2 Medical Products, Inc  
 2570 Boulevard of the Generals  
 Suite 215  
 Norristown, PA 19403



Date Mailed: 12/14/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

**Inventor(s)**

Kenneth Wade Kelly, Auburn, AL;  
 Ahmad Taha, Auburn, AL;  
 Benjamin Hunt, Auburn, AL;  
 Brian Russell Lilly, Auburn, AL;

**Applicant(s)**

Kenneth Wade Kelly, Auburn, AL;  
 Ahmad Taha, Auburn, AL;  
 Benjamin Hunt, Auburn, AL;  
 Brian Russell Lilly, Auburn, AL;

**Power of Attorney:**

Xiaobin Ding--72168

**Permission to Access Application via Priority Document Exchange: Yes**

**Permission to Access Search Results: Yes**

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

**If Required, Foreign Filing License Granted: 12/13/2018**

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/776,958**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

METHOD OF PLUNGER MANUFACTURING AND RESULTING PLUNGERS

**Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications:** No

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

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### **LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.





## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
62/788,168	01/04/2019		140	SIO-0145USP2(63744US02)		

**CONFIRMATION NO. 7789****FILING RECEIPT**

119653

SiO2 Medical Products, Inc  
 2570 Boulevard of the Generals  
 Suite 215  
 Norristown, PA 19403



Date Mailed: 01/18/2019

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

**Inventor(s)**

Robert S. Abrams, Auburn, AL;  
 Kenneth Wade Kelly, Auburn, AL;  
 Ahmad Taha, Auburn, AL;  
 Benjamin Hunt, Auburn, AL;  
 Brian Russell Lilly, Auburn, AL;

**Applicant(s)**

SiO2 Medical Products, Inc., Auburn, AL;

**Power of Attorney:**

Xiaobin Ding--72168

**Permission to Access Application via Priority Document Exchange: Yes**

**Permission to Access Search Results: Yes**

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

**If Required, Foreign Filing License Granted: 01/17/2019**

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/788,168**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

SYRINGE WITH MATCHED BARREL AND PLUNGER

**Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No**

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license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
62/789,366	01/07/2019		140	SIO-0145USP3(63744US03)		

**CONFIRMATION NO. 1084**

**FILING RECEIPT**

119653  
 SiO2 Medical Products, Inc  
 2570 Boulevard of the Generals  
 Suite 215  
 Norristown, PA 19403



Date Mailed: 01/18/2019

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**Inventor(s)**

Robert S. Abrams, Auburn, AL;  
 Kenneth Wade Kelly, Auburn, AL;  
 Ahmad Taha, Auburn, AL;  
 Benjamin Hunt, Auburn, AL;  
 Brian Russell Lilly, Auburn, AL;

**Applicant(s)**

SiO2 Medical Products, Inc., Auburn, AL;

**Power of Attorney:**

Xiaobin Ding--72168

**Permission to Access Application via Priority Document Exchange: Yes**

**Permission to Access Search Results: Yes**

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

**If Required, Foreign Filing License Granted: 01/17/2019**

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/789,366**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

SYRINGE WITH MATCHED BARREL AND PLUNGER

**Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No**

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
62/825,166	03/28/2019		140	SIO-0145USP4		

**CONFIRMATION NO. 4389****FILING RECEIPT**

119653

SiO2 Medical Products, Inc  
 2570 Boulevard of the Generals  
 Suite 215  
 Norristown, PA 19403



0000000107113422

Date Mailed: 04/04/2019

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

**Inventor(s)**

Robert S. Abrams, Auburn, AL;  
 Kenneth Wade Kelly, Auburn, AL;  
 Ahmad Taha, Auburn, AL;  
 Benjamin Hunt, Auburn, AL;  
 Brian Russell Lilly, Auburn, AL;

**Applicant(s)**

SiO2 Medical Products, Inc., Auburn, AL;

**Power of Attorney:**

Xiaobin Ding--72168

**Permission to Access Application via Priority Document Exchange: Yes**

**Permission to Access Search Results: Yes**

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

**If Required, Foreign Filing License Granted: 04/03/2019**

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/825,166**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

SYRINGE WITH MATCHED BARREL AND PLUNGER

**Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No**

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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