

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5991529

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OLIVER CHARLES GAZELEY	06/18/2019
JAMES ALEXANDER SENIOR	06/18/2019
MALCOLM STANLEY BOYD	06/18/2019
RECEIVING PARTY DATA	
Name:	BECTON, DICKINSON AND COMPANY
Street Address:	1 BECTON DRIVE
City:	FRANKLIN LAKES
State/Country:	NEW JERSEY
Postal Code:	07417
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16805996
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	412-471-8815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM
Address Line 1:	420 FT. DUQUESNE BLVD., SUITE 1200
Address Line 2:	ONE GATEWAY CENTER
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	4684-2001002
NAME OF SUBMITTER:	LARA NORTHROP QUEEN
SIGNATURE:	/Lara Northrop Queen/
DATE SIGNED:	03/02/2020
Total Attachments: 9	
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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)

Oliver Charles Gazeley
James Alexander Senior
Malcolm Stanley Boyd

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

2. Name and address of receiving party(ies)

Name: Becton, Dickinson and Company

Internal Address: _____

Street Address: 1 Becton Drive

City: Franklin Lakes

State: New Jersey

Country: US Zip: 07417

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

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

Execution Date(s) Jun 18, 2019; Jun 18, 2019; Jun 18, 2019

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

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/805,996

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Lara Northrop Queen

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 4684 - 2001002

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

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

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

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Lara Northrop Queen/

Signature

March 2, 2020

Date

Lara Northrop Queen
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

ASSIGNMENT

Serial No.: 62/347,921

Filed: June 9, 2016

Serial No.: 15/616,212

Filed: June 7, 2017

International Serial No.: PCT/US2017/036580

Filed: June 8, 2017

WHEREAS, Michael Vincent Quinn, Mohammed Yassir Mahdi, Oliver Charles Gazeley, James Alexander Senior, and Malcolm Stanley Boyd, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

Needle Actuator Assembly for Drug Delivery System

for which they have executed a Declaration for an application for Letters Patent of the United States of America; and

WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application, whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions, provisionals, conversions of provisionals and continuations or continuations-in-part, thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and

Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and

For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

4684-1704904/P-12004
4684-1704942/P-12004.70

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals
on the dates subscribed below.

Michael Vincent Quinn

DATE: _____

EXECUTED this ____ day of _____, 2019

WITNESS:

Print Name:

4684-1704904/P-12004
4684-1704942/P-12004.70

*IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals
on the dates subscribed below.*

Mohammed Yassir Mahdi

DATE: _____

EXECUTED this _____ *day of* _____, 2019

WITNESS:

Print Name:

4684-1704904/P-12004
4684-1704942/P-12004.70

*IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals
on the dates subscribed below.*



Oliver Charles Gazeley

DATE: 18th JUNE 2019

EXECUTED this 18 day of JUNE, 2019

WITNESS:



Print Name:

JANE ALLEN

4684-1704904/P-12004
4684-1704942/P-12004.70

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals
on the dates subscribed below.

James Senior

James Alexander Senior

DATE: 18th June 2019

EXECUTED this 18 day of JUNE, 2019

WITNESS:

JANE

Print Name:

JANE ANKEN

4684-1704904/P-12004
4684-1704942/P-12004.70

*IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals
on the dates subscribed below.*

Malcolm Stanley Boyd
Malcolm Stanley Boyd

DATE: 18 JUNE 2019

EXECUTED this 18 day of JUNE, 2019

WITNESS:

JANE

Print Name:

JANE ALLEN

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

NAME OF ASSIGNEE: Becton, Dickinson and Company *ADDRESS:* 1 Becton Drive
Franklin Lakes, New Jersey 07417

EXECUTED this 11 day of June, 2019



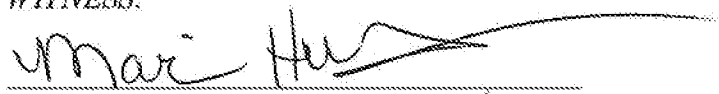
SIGNATURE

Scott J. Rittman

Name
Assistant Secretary

Title

WITNESS:



Print Name: Marian Hutchison