505849118 01/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5896054

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| AMIT LIMAYE | 12/06/2019 |
| DAVID SCHIFF | 12/19/2019 |
| TODD ZIELINSKI | 12/19/2019 |
| NICK MCGILL | 12/23/2019 |
| MARIAN MORYS | 12/17/2019 |
| GLENN SMOLLINGER | 12/17/2019 |

RECEIVING PARTY DATA

| Name: | BECTON, DICKINSON AND COMPANY |
|-----------------|-------------------------------|
| Street Address: | ONE BECTON DRIVE |
| City: | FRANKLIN LAKES |
| State/Country: | NEW JERSEY |
| Postal Code: | 07417 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16628953 |

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 202-457-0160

Email: DWPatents@dickinsonwright.com

Correspondent Name: DICKINSON WRIGHT - BD

Address Line 1: 1825 EYE ST., NW

Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20006

| ATTORNEY DOCKET NUMBER: | P-15652US01/66810-3931 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | JOHN E. HOLMES |
| SIGNATURE: | /John E. Holmes/ |
| DATE SIGNED: | 01/06/2020 |

PATENT 505849118 REEL: 051427 FRAME: 0771

Total Attachments: 16 source=066810-03931_signed_assignment#page1.tif source=066810-03931 signed assignment#page2.tif source=066810-03931_signed_assignment#page3.tif source=066810-03931_signed_assignment#page4.tif source=066810-03931_signed_assignment#page5.tif source=066810-03931_signed_assignment#page6.tif source=066810-03931_signed_assignment#page7.tif source=066810-03931_signed_assignment#page8.tif source=066810-03931 MCGill signed assignment#page1.tif source=066810-03931_MCGill_signed_assignment#page2.tif source=066810-03931_MCGill_signed_assignment#page3.tif source=066810-03931 MCGill signed assignment#page4.tif source=066810-03931 MCGill signed assignment#page5.tif source=066810-03931_MCGill_signed_assignment#page6.tif source=066810-03931_MCGill_signed_assignment#page7.tif source=066810-03931 MCGill signed assignment#page8.tif

ASSIGNMENT

 Serial No.:
 62/529,926
 Filed: July 07, 2017

 Serial No.:
 62/530,001
 Filed: July 07, 2017

 Serial No.:
 PCT/US2018/039039
 Filed: June 22, 2018

Serial No.: To be assigned Filed: concurrently herewith

WHEREAS, Amit Limaye, a citizen of the United States of America, residing at 163 Algonquin Trail, Wayne, New Jersey 07470; David Schiff, a citizen of the United States of America, residing at 213 Valentine Street, Highland Park, New Jersey 08904; Todd Zielinski, a citizen of the United States of America, residing at 6300 Wissahickon Avenue, Philadelphia, Pennsylvania 19144; Nick McGill, a citizen of the United States of America, residing at 2801 Dogwood Lane, Broomall, Pennsylvania 19008; Marian Morys, a citizen of the United States of America, residing at 835 Tremont Drive, Downingtown, Pennsylvania 19335; Glenn Smollinger, 105 Wagon Wheel Road, Eagleville, Pennsylvania 19403; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

INDUCTION HEATING CIRCUIT FOR MEDICAL SHARPS REMOVAL DEVICE

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 the State of New Jersey, whose address is One Becton Drive, Franklin Lakes, New Jersey 07417 (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 applications, whose identification above by serial numbers and filing dates, when available, is hereby authorized, and in and to said applications, all substitutions, divisions, provisionals, conversions of provisionals, continuations, and 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 covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns; 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.

| IN TESTIMONY | WHEREOF, Assignor | has nereunto | set his/her | nand and | seal on th |
|------------------------|-------------------|--------------|-------------|----------|------------|
| date subscribed below. | | | | | |
| | | | _ | (| |
| | | | | | |

Amit Limaye

DATE: 06 Dec 2019

STATE OF your favory

COUNTY OF Bis agen

BE IT REMEMBERED, That on this day of low low 2019, before me, a Notary Public, personally appeared Amit Limaye, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

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| | nor has hereunto set his/her hand and seal on the |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| date subscribed below. | David Schiff |
| | DATE: 12 - 19 -2619 |
| a Notary Public, personally appeared David Schiwho executed the foregoing instrument in my | day of <u>December</u> , 2019, before me, ff, who I am satisfied is the person named in and presence, and I having first made known to vledge that he/she signed, sealed, and delivered e uses and purposes therein expressed. |
| | Jakijah N. Felder Notary Public |
| | COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Takiyah N. Felder, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Dec. 27, 2020 MENBER PENNSYLVANIA ASSOCIATION OF NOTARIES |

| IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Todd Zielinski |
| DATE: 12/19/2019 |
| STATE OF |
| COUNTY OF |
| BE IT REMEMBERED, That on this 19th day of December, 2019, before me, a Notary Public, personally appeared Todd Zielinski, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed. |
| Notary Public |

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| IN TESTIMONY WHEREOF, Assignor date subscribed below. | has hereunto set his/her hand and seal on the |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| | |
| | Nick McGill |
| | DATE: |
| STATE OF | |
| COUNTY OF | |
| BE IT REMEMBERED, That on this a Notary Public, personally appeared Nick McGill, who executed the foregoing instrument in my pr him/her the contents thereof, he/she did acknowled the same as his/her voluntary act and deed for the us | esence, and I having first made known to ge that he/she signed, sealed, and delivered |
| | Notary Public |

| IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Marian Morys DATE: 12/17/2019 |
| STATE OF |
| COUNTY OF |
| BE IT REMEMBERED, That on this day of, 2019, before me, a Notary Public, personally appeared Marian Morys, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed. |
| Notary Public |

| IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Glenn Smollinger DATE: December 17, 2019 |
| STATE OF |
| COUNTY OF |
| BE IT REMEMBERED, That on this day of, 2019, before me a Notary Public, personally appeared Glenn Smollinger, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed. |
| Notary Public |

ASSIGNMENT

 Serial No.:
 62/529,926
 Filed: July 07, 2017

 Serial No.:
 62/530,001
 Filed: July 07, 2017

 Serial No.:
 PCT/US2018/039039
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Algonquin Trail, Wayne, New Jersey 07470; David Schiff, a citizen of the United States of
America, residing at 213 Valentine Street, Highland Park, New Jersey 08904; Todd Zielinski, a
citizen of the United States of America, residing at 6300 Wissahickon Avenue, Philadelphia,
Pennsylvania 19144; Nick McGill, a citizen of the United States of America, residing at 2801
Dogwood Lane, Broomall, Pennsylvania 19008; Marian Morys, a citizen of the United States of
America, residing at 835 Tremont Drive, Downingtown, Pennsylvania 19335; Glenn Smollinger,
105 Wagon Wheel Road, Eagleville, Pennsylvania 19403; (hereinafter called "Assignors"), have
made certain new and useful inventions or discoveries relating to:

INDUCTION HEATING CIRCUIT FOR MEDICAL SHARPS REMOVAL DEVICE

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 the State of New Jersey, whose address is One Becton Drive, Franklin Lakes, New Jersey 07417 (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 applications, whose identification above by serial numbers and filing dates, when available, is hereby authorized, and in and to said applications, all substitutions, divisions, provisionals, conversions of provisionals, continuations, and 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

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For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns; 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.

| IN TESTIMONY WHEREOF, Assigno date subscribed below. | r has hereunto set his/her h | and and seal on the |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|
| | Amit Limaye | |
| | DATE: | |
| STATE OF | | |
| COUNTY OF | | |
| BE IT REMEMBERED, That on this a Notary Public, personally appeared Amit Limay and who executed the foregoing instrument in my him/her the contents thereof, he/she did acknowle the same as his/her voluntary act and deed for the unit of the contents thereof. | ye, who I am satisfied is the y presence, and I having fixedge that he/she signed, sea | e person named in rst made known to aled, and delivered |
| | Notary Public | |

| | David Schiff |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | DATE: |
| STATE OF | |
| COUNTY OF | |
| a Notary Public, personally appeared David who executed the foregoing instrument in | his day of, 2019, before me Schiff, who I am satisfied is the person named in and my presence, and I having first made known to knowledge that he/she signed, sealed, and delivered or the uses and purposes therein expressed. |
| | |
| | Notary Public |

| | Todd Zielinski | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| | DATE: | |
| STATE OF | | |
| COUNTY OF | | |
| BE IT REMEMBERED , That or a Notary Public, personally appeared Too and who executed the foregoing instrume him/her the contents thereof, he/she did the same as his/her voluntary act and deed | ld Zielinski, who I am satisfient in my presence, and I haacknowledge that he/she sig | ied is the person named in aving first made known to ned, sealed, and delivered |
| | Notary Public | |

| IN TESTIMONY WHEREOF, Assigned date subscribed below. | or has hereunto set his/her hand and seal on the |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Nick McGill |
| | DATE: 2019/12/23 |
| STATE OF PENNSY Vania | |
| STATE OF Pennsylvania COUNTY OF Philadelphia | |
| | presence, and I having first made known to ledge that he/she signed, sealed, and delivered |
| | Jakijah N. Felder Notary Public |
| | COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Takiyah N. Felder. Notary Public City of Philadelphia, Philadelphia County My Commission Expires Dec. 27, 2020 MENBER. PENNSYLVANIA ASSOCIATION OF NOTARIES |

| IN TESTIMONY WHEREOF, Assignor date subscribed below. | has hereunto set his/her hand and seal on the |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| | Marian Morys |
| | DATE: |
| STATE OF | |
| COUNTY OF | |
| BE IT REMEMBERED, That on this a Notary Public, personally appeared Marian Morgand who executed the foregoing instrument in my him/her the contents thereof, he/she did acknowle the same as his/her voluntary act and deed for the u | presence, and I having first made known to dge that he/she signed, sealed, and delivered |
| | Notary Public |

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| | or has hereunto set his/her hand and seal on the | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--|--|
| date subscribed below. | | | |
| | | | |
| | Glenn Smollinger | | |
| | DATE: | | |
| STATE OF | | | |
| COUNTY OF | | | |
| COUNTY OF | | | |
| BE IT REMEMBERED , That on this day of, 2019, before me, a Notary Public, personally appeared Glenn Smollinger, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed. | | | |
| | | | |
| | Notary Public | | |

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RECORDED: 01/06/2020