PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6069363

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
COURTNEY HILL	02/25/2020
CHRISTIE TRACZYK	02/26/2020
HANNAH BEARINGER	02/26/2020
JARROD NEUHARTH	02/26/2020

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	600 MCNAMARA ALUMNI CENTER
Internal Address:	200 OAK STREET SE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55455-2020

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16853244

CORRESPONDENCE DATA

Fax Number: (612)349-9266

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: 612-349-5740 **Email:** RABE@ptslaw.com

Correspondent Name: PATTERSON THUENTE PEDERSEN, P.A.

Address Line 1: 4800 IDS CENTER
Address Line 2: 80 SOUTH 8TH STREET

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-2100

ATTORNEY DOCKET NUMBER:	1008.74US03
NAME OF SUBMITTER:	AUBRE RABE
SIGNATURE:	/AUBRE RABE/
DATE SIGNED:	04/20/2020

Total Attachments: 12

PATENT REEL: 052444 FRAME: 0939

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PATENT REEL: 052444 FRAME: 0940



University of Minnesota ASSIGNMENT

WHEREAS, I, Hannah Bearinger, have invented certain new and useful inventions in LACTATION SYSTEM AND METHOD, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/486,812 on April 18, 2017; PCT/US2018/028162 on April 18, 2018; and Utility application no. 15/956,498 on April 18, 2018 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I hav		_26th_day of Bearings
STATE OF Minnesota) COUNTY OF Henry in)	*	:
On this 26 th day of 1/2 41/14/18/18/18/18/19/19/19/19/19/19/19/19/19/19/19/19/19/	be the person described in and vexecuted the same as his/her free	re me personally appeared who executed the foregoing act and deed.
IN WITNESS WHEREOF, I have office, the day and year above written.	ve hereunto affixed my official si	gnature with the seal of my

MARY ANN OVICK
Notary Public Mannerson
Notary Public

Notary Public

Attorney Docket Number 1008.74US01P1/1008.74US02

UM Case No. 20170195

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IN WITNESS WHEREOF, 2020, on b accepting this assignment.	I have hereunto set my hand on this day of sehalf of Assignee Regents of the University of Minnesota
	REGENTS OF THE UNIVERSITY OF MINNESOTA Carol Grutkoski Chief of Staff and Operations Manager per Presidential Delegation ID_257866
STATE OF MINNESOTA COUNTY OF HENNEPIN)))
instrument and acknowledged that:	2020, before me personally appeared be the person described in and who executed the foregoing s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, office, the day and year above writt	I have hereunto affixed my official signature with the seal of my ten.
	Realu Sile Notary Public



Attorney Docket Number 1008,74US01P1/1008,74US02 UM Case No. 20170195



University of Minnesota ASSIGNMENT

WHEREAS, I, Courtney Hill, have invented certain new and useful inventions in LACTATION SYSTEM AND METHOD, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/486,812 on April 18, 2017; PCT/US2018/028162 on April 18, 2018; and Utility application no. 15/956,498 on April 18, 2018 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign. transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

1

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand of	n this	25	day of
Fibruary, 2020.	Hin		
Courtney Hi	11	*******	
STATE OF Mignesote) COUNTY OF Dakok)			
On this 25th day of Chrom , 2020 (Outhou Hill , to me known to be the person described in instrument and acknowledged that s/he executed the same as his/h	0, before and whater free a	me person o executed ct and deed	nally appeared the foregoing I.
IN WITNESS WHEREOF, I have hereunto affixed my off office, the day and year above written.	icial sign	ature with	the seal of my
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RESA M. GILATS
Notary Public-Minnesota
tay Commission Supplies Jan 31, 2021

(Ben W. Alles

Notary Public

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

IN WITNESS WHEREOF, I have hereunto set my hand on this
REGENTS OF THE UNIVERSITY OF MINNESOTA And Looki Carol Grutkoski Chief of Staff and Operations Manager per Presidential Delegation ID_257866
STATE OF MINNESOTA COUNTY OF HENNEPIN On this 25th day of Christof Carol Grutkoski, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.
Becaga, Selt Notary Public
RESA M. GILATS Notary Public-Minnesota Notary Public-M

3

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195



University of Minnesota <u>ASSIGNMENT</u>

WHEREAS, I, Jarrod Neuharth, have invented certain new and useful inventions in LACTATION SYSTEM AND METHOD, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/486,812 on April 18, 2017; PCT/US2018/028162 on April 18, 2018; and Utility application no. 15/956,498 on April 18, 2018 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

PAT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 26 day of February, 2020.
Jarrod Neuharth
Jarrod Neuharth
STATE OF Minnesota)
STATE OF Minnesota) COUNTY OF Hemepin)
On this 26th day of Sebruary, 2020, before me personally appeared Newhork to me known to be the person described in and who executed the foregoin instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of m office, the day and year above written.

RESA M. GILATS
Notary Public-Minnesota
My Commission Expires Jen 31, 2021

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

IN WITNESS WHEREOF, I have hereunto set my hand on this
REGENTS OF THE UNIVERSITY OF MINNESOTA
Larol/Grpitkoski
Chief of Staff and Operations Manager per Presidential Delegation ID 257866
STATE OF MINNESOTA)
COUNTY OF HENNEPIN)
On this 27 day of 6 correspondence of the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.
Notary Public
RESA M. GILATS Notary Public-Minnesote My Commission Express Jan 31, 2021

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

PATENT



University of Minnesota ASSIGNMENT

WHEREAS, I, Christie Traczyk, have invented certain new and useful inventions in LACTATION SYSTEM AND METHOD, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/486,812 on April 18, 2017; PCT/US2018/028162 on April 18, 2018; and Utility application no. 15/956,498 on April 18, 2018 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignce then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

PATE

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, 2020.	, I have hereunto set my hand on this day of
STATE OF Minnesota COUNTY OF Scott	· · · · · · · · · · · · · · · · · · ·
On this 1/ day of to me know instrument and acknowledged that	2020, before me personally appeared wn to be the person described in and who executed the foregoing s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, office, the day and year above writ	, I have hereunto affixed my official signature with the seal of my ten.

RESA M. GILATS
Notary Public-Minnesota
May Commission Expires Jan 31, 2021

Notary Public

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

accepting this assignment.	DECENTS OF THE INHIPOSTEL OF LONDINGOTA
	REGENTS OF THE UNIVERSITY OF MINNESOTA
	Land Stutioshi Carol Grutkoski
	Chief of Staff and Operations Manager
	per Presidential Delegation ID_257866
STATE OF MINNESOTA)
COUNTY OF HENNEPIN	
,)
Caron Character, to mic known to	be the person described in and who executed the foregoing s/he executed the same as his/her free act and deed.
orange and parties of a rather 11 Tare to per critics ?	THE THE TOTAL OF THE OWN AND ALL OF THE OWNER,
	I have hereunto affixed my official signature with the seal of my
IN WITNESS WHEREOF,	I have hereunto affixed my official signature with the seal of my

Attorney Docket Number 1008.74US01P1/1008.74US02 UM Case No. 20170195

PATENT