

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4266097

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIANN M. JOHNSON	12/09/2002
PAUL S. SHERBURNE	12/09/2002
ALICIA F. HECK	12/09/2002
RICCI D. SMELSER	12/10/2002
ERIC K. MANGIARDI	01/09/2003
RECEIVING PARTY DATA	
Name:	ALVEOLUS, INC.
Street Address:	9013 PERIMETER WOODS DRIVE, SUITE A
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28216
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8267987
CORRESPONDENCE DATA	
Fax Number:	(801)578-6999
<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>	
Email:	cristi.bills@stoel.com
Correspondent Name:	MATTHEW S. BETHARDS
Address Line 1:	STOEL RIVES LLP, ONE UTAH CENTER
Address Line 2:	201 SOUTH MAIN STREET, SUITE 1100
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	37621/51504
NAME OF SUBMITTER:	MATTHEW S. BETHARDS
SIGNATURE:	/Matthew S. Bethards/
DATE SIGNED:	02/08/2017
Total Attachments: 5	
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ASSIGNMENT

I, Liann M. Johnson of Golden Valley, Minnesota (hereinafter "ASSIGNOR"), have co-invented a MEDICAL APPLIANCE DELIVERY APPARATUS AND METHOD OF USE for which application was made for Letters Patent in the United States (the "Application"), said Application having U.S. application No. 10/281,429 filed the 26th day of October, 2002; and

For good and valuable consideration, I do hereby sell, assign, and transfer unto Alveolus, Inc (hereinafter "ALVEOLUS"), a for-profit North Carolina Corporation, and to its legal representatives, successors, and assigns, my full exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the Invention as described in the above Application and in and to any patent application relating directly or indirectly to the Invention, and all Letters Patent, or national equivalents thereof, that may hereafter be granted, and all divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations, reexaminations, and extensions thereof; and

The Invention, Patent Applications, and Letters Patent are to be held and enjoyed by ALVEOLUS for its own use, and by its successors and assigns, to the end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made, which includes but is not limited to all rights to sue and recover for past infringement and wrongful uses thereof; and authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the Invention to ALVEOLUS, its successors and assigns, in accordance with the terms of this Assignment; and Assignor hereby further covenants that Assignor has the full right to convey the interest assigned by this Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Assignment; and

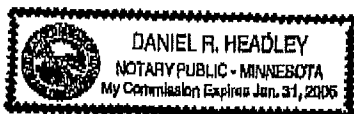
Assignor does further hereby agree to provide all reasonable aid to ALVEOLUS in the making and prosecuting of any application for other Letters Patent that ALVEOLUS may wish to make covering the Invention claimed in the Patent Application and in vesting in ALVEOLUS like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignor hereby agrees that Assignor will similarly aid ALVEOLUS in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that Assignor will execute and deliver to ALVEOLUS any and all additional papers that may be reasonably requested by ALVEOLUS to fully carry out the terms of this Assignment. Moreover, Assignor shall render the above-referenced assistance without additional compensation but at no personal expense to him.

Executed this 9 day of December, 2002.

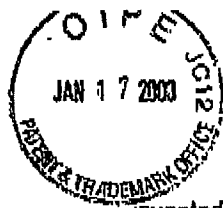
By: Liann M. Johnson

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

Before me personally came Liann M. Johnson, to me known to be the Assignor in the above assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the 9 day of December, 2002.



Daniel R. Headley
Notary Public for Hennepin
My Commission Expires: Jan 31 2006



ASSIGNMENT

I, Paul S. Sherburne of Plymouth, Minnesota (hereinafter "ASSIGNOR"), have co-invented a MEDICAL APPLIANCE DELIVERY APPARATUS AND METHOD OF USE for which application was made for Letters Patent in the United States (the "Application"), said Application having U.S. application No. 10/281,429 filed the 26th day of October, 2002; and

For good and valuable consideration, I do hereby sell, assign, and transfer unto Alveolus, Inc (hereinafter "ALVEOLUS"), a for-profit North Carolina Corporation, and to its legal representatives, successors, and assigns, my full exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the invention as described in the above Application and in and to any patent application relating directly or indirectly to the invention, and all Letters Patent, or national equivalents thereof, that may hereafter be granted, and all divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations, reexaminations, and extensions thereof; and

The invention, Patent Applications, and Letters Patent are to be held and enjoyed by ALVEOLUS for its own use, and by its successors and assigns, to the end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made, which includes but is not limited to all rights to sue and recover for past infringement and wrongful uses thereof; and authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the invention to ALVEOLUS, its successors and assigns, in accordance with the terms of this Assignment; and Assignor hereby further covenants that Assignor has the full right to convey the interest assigned by this Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Assignment; and

Assignor does further hereby agree to provide all reasonable aid to ALVEOLUS in the making and prosecuting of any application for other Letters Patent that ALVEOLUS may wish to make covering the invention claimed in the Patent Application and in vesting in ALVEOLUS like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignor hereby agrees that Assignor will similarly aid ALVEOLUS in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that Assignor will execute and deliver to ALVEOLUS any and all additional papers that may be reasonably requested by ALVEOLUS to fully carry out the terms of this Assignment. Moreover, Assignor shall render the above-referenced assistance without additional compensation but at no personal expense to him.

Executed this 9 day of December, 2002.

By: Paul S. Sherburne

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

Before me personally came Paul S. Sherburne, to me known to be the Assignor in the above assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the 9 day of December, 2002.

Daniel R. Headley
Notary Public for Minnesota, Hennepin
My Commission Expires: Jan 31, 2005





ASSIGNMENT

I, Alicia F. Heck of St. Louis Park, Minnesota (hereinafter "ASSIGNOR"), have co-invented a MEDICAL APPLIANCE DELIVERY APPARATUS AND METHOD OF USE for which application was made for Letters Patent in the United States (the "Application"), said Application having U.S. application No. 10/281,429 filed the 26th day of October, 2002; and

For good and valuable consideration, I do hereby sell, assign, and transfer unto Alveolus, Inc (hereinafter "ALVEOLUS"), a for-profit North Carolina Corporation, and to its legal representatives, successors, and assigns, my full exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the invention as described in the above Application and in and to any patent application relating directly or indirectly to the invention, and all Letters Patent, or national equivalents thereof, that may hereafter be granted, and all divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations, reexaminations, and extensions thereof; and

The invention, Patent Applications, and Letters Patent are to be held and enjoyed by ALVEOLUS for its own use, and by its successors and assigns, to the end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made, which includes but is not limited to all rights to sue and recover for past infringement and wrongful uses thereof; and authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the invention to ALVEOLUS, its successors and assigns, in accordance with the terms of this Assignment; and Assignor hereby further covenants that Assignor has the full right to convey the interest assigned by this Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Assignment; and

Assignor does further hereby agree to provide all reasonable aid to ALVEOLUS in the making and prosecuting of any application for other Letters Patent that ALVEOLUS may wish to make covering the invention claimed in the Patent Application and in vesting in ALVEOLUS like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignor hereby agrees that Assignor will similarly aid ALVEOLUS in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that Assignor will execute and deliver to ALVEOLUS any and all additional papers that may be reasonably requested by ALVEOLUS to fully carry out the terms of this Assignment. Moreover, Assignor shall render the above-referenced assistance without additional compensation but at no personal expense to him.

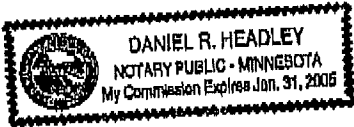
Executed this 9th day of December, 2002.

By: Alicia F. Heck

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

Before me personally came Alicia F. Heck, to me known to be the Assignor in the above assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the 9 day of December, 2002.

Daniel R. Headley
Notary Public for Minnesota Hennepin
My Commission Expires: Jan 31 2005





ASSIGNMENT

I, Ricci D. Smelser of Maple Lake, Minnesota (hereinafter "ASSIGNOR"), have co-invented a MEDICAL APPLIANCE DELIVERY APPARATUS AND METHOD OF USE for which application was made for Letters Patent in the United States (the "Application"), said Application having U.S. application No. 10/281,429 filed the 28th day of October, 2002; and

For good and valuable consideration, I do hereby sell, assign, and transfer unto Alveolus, Inc (hereinafter "ALVEOLUS"), a for-profit North Carolina Corporation, and to its legal representatives, successors, and assigns, my full exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the invention as described in the above Application and in and to any patent application relating directly or indirectly to the invention, and all Letters Patent, or national equivalents thereof, that may hereafter be granted, and all divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations, reexaminations, and extensions thereof; and

The invention, Patent Applications, and Letters Patent are to be held and enjoyed by ALVEOLUS for its own use, and by its successors and assigns, to the end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made, which includes but is not limited to all rights to sue and recover for past infringement and wrongful uses thereof; and authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the invention to ALVEOLUS, its successors and assigns, in accordance with the terms of this Assignment; and Assignor hereby further covenants that Assignor has the full right to convey the interest assigned by this Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Assignment; and

Assignor does further hereby agree to provide all reasonable aid to ALVEOLUS in the making and prosecuting of any application for other Letters Patent that ALVEOLUS may wish to make covering the invention claimed in the Patent Application and in vesting in ALVEOLUS like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignor hereby agrees that Assignor will similarly aid ALVEOLUS in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that Assignor will execute and deliver to ALVEOLUS any and all additional papers that may be reasonably requested by ALVEOLUS to fully carry out the terms of this Assignment. Moreover, Assignor shall render the above-referenced assistance without additional compensation but at no personal expense to him.

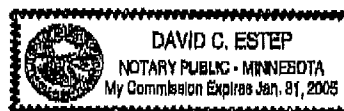
Executed this 10th day of December 2002.

By: Ricci D. Smelser

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

Before me personally came Ricci D. Smelser, to me known to be the Assignor in the above assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the 10th day of December 2002.

David C. Estep
Notary Public for Minnesota
My Commission Expires: Jan. 31, 2005



ASSIGNMENT

I, Eric K. Mangiardi of Charlotte, North Carolina (hereinafter "ASSIGNOR"), have co-invented a MEDICAL APPLIANCE DELIVERY APPARATUS AND METHOD OF USE for which application was made for Letters Patent in the United States (the "Application"), said Application having U.S. application No. 10/281,429 filed the 26th day of October, 2002; and

For good and valuable consideration, I do hereby sell, assign, and transfer unto Alveolus, Inc (hereinafter "ALVEOLUS"), a for-profit North Carolina Corporation, and to its legal representatives, successors, and assigns, my full exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the Invention as described in the above Application and in and to any patent application relating directly or indirectly to the Invention, and all Letters Patent, or national equivalents thereof, that may hereafter be granted, and all divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations, reexaminations, and extensions thereof; and

The Invention, Patent Applications, and Letters Patent are to be held and enjoyed by ALVEOLUS for its own use, and by its successors and assigns, to the end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made, which includes but is not limited to all rights to sue and recover for past infringement and wrongful uses thereof, and authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the Invention to ALVEOLUS, its successors and assigns, in accordance with the terms of this Assignment; and Assignor hereby further covenants that Assignor has the full right to convey the interest assigned by this Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Assignment; and

Assignor does further hereby agree to provide all reasonable aid to ALVEOLUS in the making and prosecuting of any application for other Letters Patent that ALVEOLUS may wish to make covering the Invention claimed in the Patent Application and in vesting in ALVEOLUS like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. Assignor hereby agrees that Assignor will similarly aid ALVEOLUS in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that Assignor will execute and deliver to ALVEOLUS any and all additional papers that may be reasonably requested by ALVEOLUS to fully carry out the terms of this Assignment. Moreover, Assignor shall render the above-referenced assistance without additional compensation but at no personal expense to him.

Executed this 9 day of January, ~~2002~~ ²⁰⁰³ *JKW*
By: *Eric K. Mangiardi*

STATE OF NORTH CAROLINA)
) ss.
COUNTY OF MECKLENBURG)

Before me personally came Eric K. Mangiardi, to me known to be the Assignor in the above assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the 9 day of January, ~~2002~~ ²⁰⁰³ *JKW*

Dannette Williams
Notary Public for Mecklenburg County
My Commission Expires: 4-16-06

PATENT

RECORDED: 05/17/2005
RECORDED: 02/08/2017

REEL: 016248 FRAME: 0277
REEL: 041206 FRAME: 0621