

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Barton D. Gaskins</td> <td>07/21/2004</td> </tr> <tr> <td>Louis Ford</td> <td>07/21/2004</td> </tr> <tr> <td>Robert K. O'Leary</td> <td>08/09/2004</td> </tr> <tr> <td>Anne Wilson</td> <td>07/21/2004</td> </tr> <tr> <td>Lloyd Wolfinbarger Jr.</td> <td>07/21/2004</td> </tr> </tbody> </table>		Name	Execution Date	Barton D. Gaskins	07/21/2004	Louis Ford	07/21/2004	Robert K. O'Leary	08/09/2004	Anne Wilson	07/21/2004	Lloyd Wolfinbarger Jr.	07/21/2004
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<table border="1"> <tr> <td>Name:</td> <td>LifeNet Health</td> </tr> <tr> <td>Street Address:</td> <td>1864 Concert Drive</td> </tr> <tr> <td>City:</td> <td>Virginia Beach</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>23453</td> </tr> </table>		Name:	LifeNet Health	Street Address:	1864 Concert Drive	City:	Virginia Beach	State/Country:	VIRGINIA	Postal Code:	23453		
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CORRESPONDENCE DATA													
<p>Fax Number: 2027393001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2027393000 Email: adowney@morganlewis.com, patents@morganlewis.com Correspondent Name: H. Janice Lee Address Line 1: 1111 Pennsylvania Avenue NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20004</p>													
ATTORNEY DOCKET NUMBER:	067949-5010-05												
NAME OF SUBMITTER:	H. Janice Lee												
Signature:	/H. Janice Lee/												

CH \$40.00 12683002

Date:

08/21/2013

Total Attachments: 5

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ASSIGNMENT

WHEREAS WE, Barton D. Gaskins of Chesapeake, Virginia, Louis Ford of Virginia Beach, Virginia, Debra Moore-Smith of Chesapeake, Virginia, Robert K. O'Leary of Deltaville, Virginia, Anne Wilson of Virginia Beach, Virginia and Lloyd Wolfinbarger, Jr. of Norfolk, Virginia, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled APPARATUS FOR DEMINERALIZING OSTEOINDUCTIVE BONE, for which an application for United States Letters Patent was filed on December 11, 2003, and identified by United States Serial No. 10/732,799;


AND WHEREAS, LifeNet, a corporation of the State of Virginia and having an address of 5809 Ward Court, Virginia Beach, Virginia 23455, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LifeNet, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application and any modifications and/or improvements therefor (hereinafter "invention"), any patent applications in the United States and foreign countries, including Provisional Application No. 60/152,272, filed September 3, 1999, and any original applications, formal applications, continuation applications, continuations-in-part applications, request for continued examination applications, divisional applications, reissue applications, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention, and all rights to claim priority therefrom and/or thereto; and any copyright or designs associated with or in said invention, and all rights of action and damages for any past, present or future infringement relating thereto, including all rights of actions and damages from publication of the patent applications and/or issuance of any patent relating thereto;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

The undersigned hereby grant(s) the firm of Wilmer Cutler Pickering Hale and Dorr LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND We request the Commissioner for Patents to issue any Letters Patent of the United States which may be issued for said invention to said LifeNet, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent(s) and the invention covered thereby.


Barton D. Gaskins

7/21/04
Date


Louis Ford


7/21/04
Date

Debra Moore-Smith

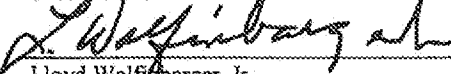
Date

Robert K. O'Leary

Date


Anne Wilson

7/21/04
Date


Lloyd Wolfinbarger, Jr.

7/21/04
Date

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Robert K. O'Leary, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

STATE OF VIRGINIA)
) SS:
COUNTY OF _____)

On this 21st day of July, 2004, before me personally appeared Anne Wilson, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Joey Walick-Crow
Notary Public

My commission expires 7/31/07

STATE OF VIRGINIA)
) SS:
COUNTY OF _____)

On this 21st day of July, 2004, before me personally appeared Lloyd Wolfenbarger, Jr., to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Joey Walick-Crow
Notary Public

My commission expires 7/31/07

STATE OF VIRGINIA)
) SS:
COUNTY OF _____)

On this 21st day of July, 2004, before me personally appeared Barton D. Gaskins, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Joey Waliczek - Crow
Notary Public
My commission expires 7/31/07

STATE OF VIRGINIA)
) SS:
COUNTY OF _____)

On this 21st day of July, 2004, before me personally appeared Louis Ford, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Joey Waliczek - Crow
Notary Public
My commission expires 7/31/07

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Debra Moore-Smith, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public
My commission expires _____

ASSIGNMENT

WHEREAS WE, Barton D. Gaskins of Chesapeake, Virginia, Louis Ford of Virginia Beach, Virginia, Debra Moore-Smith of Chesapeake, Virginia, Robert K. O'Leary of Deltaville, Virginia, Anne Wilson of Virginia Beach, Virginia and Lloyd Wolfinbarger, Jr. of Norfolk, Virginia, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled APPARATUS FOR DEMINERALIZING OSTEOINDUCTIVE BONE, for which an application for United States Letters Patent was filed on December 11, 2003, and identified by United States Serial No. 10/732,799;

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NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LifeNet, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application and any modifications and/or improvements therefor (hereinafter "invention"), any patent applications in the United States and foreign countries, including Provisional Application No. 60/152,272, filed September 3, 1999, and any original applications, formal applications, continuation applications, continuations-in-part applications, request for continued examination applications, divisional applications, reissue applications, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention, and all rights to claim priority therefrom and/or thereto; and any copyright or designs associated with or in said invention, and all rights of action and damages for any past, present or future infringement relating thereto, including all rights of actions and damages from publication of the patent applications and/or issuance of any patent relating thereto;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

The undersigned hereby grant(s) the firm of Wilmer Cutler Pickering Hale and Dorr LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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_____	_____
Barton D. Gaskins	Date
_____	_____
Louis Ford	Date
_____	_____
Debra Moore-Smith	Date
<u>Robert K. O'Leary</u>	<u>8/9/04</u>
Robert K. O'Leary	Date
_____	_____
Anne Wilson	Date
_____	_____
Lloyd Wolfinbarger, Jr.	Date

STATE OF _____)
) SS:
 COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Barton D. Gaskins, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Louis Ford, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Debra Moore-Smith, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Robert K. O'Leary, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires

STATE OF _____)

PATENT