

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John R. Chapman</td> <td>12/03/2008</td> </tr> <tr> <td>Vijay Kumar</td> <td>12/03/2008</td> </tr> <tr> <td>Brian K. Cinquini</td> <td>12/03/2008</td> </tr> <tr> <td>Phillip D. Kingsley</td> <td>12/03/2008</td> </tr> </tbody> </table>		Name	Execution Date	John R. Chapman	12/03/2008	Vijay Kumar	12/03/2008	Brian K. Cinquini	12/03/2008	Phillip D. Kingsley	12/03/2008
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John R. Chapman	12/03/2008										
Vijay Kumar	12/03/2008										
Brian K. Cinquini	12/03/2008										
Phillip D. Kingsley	12/03/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	ThermoGenesis Corp.										
<b>Street Address:</b>	2711 Citrus Road										
<b>City:</b>	Rancho Cordova										
<b>State/Country:</b>	CALIFORNIA										
<b>Postal Code:</b>	95742										
<b>PROPERTY NUMBERS Total: 2</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12315722</td> </tr> <tr> <td><b>PCT Number:</b></td> <td>US0813377</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12315722	<b>PCT Number:</b>	US0813377				
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<b>Application Number:</b>	12315722										
<b>PCT Number:</b>	US0813377										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(916)446-1611										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	916-558-6033										
<b>Email:</b>	amartinez@weintraub.com										
<b>Correspondent Name:</b>	Audrey A. Millemann										
<b>Address Line 1:</b>	400 Capitol Mall, 11th Floor										
<b>Address Line 2:</b>	Weintraub Genshlea Chediak										
<b>Address Line 4:</b>	Sacramento, CALIFORNIA 95814										
<b>ATTORNEY DOCKET NUMBER:</b>	7156/16529										
<b>NAME OF SUBMITTER:</b>	Audrey A. Millemann										

**CH \$80.00 12315722**

**Total Attachments: 24**

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PATENT

Atty. Docket No. 7156/16529

Commissioner of Patents and Trademarks  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**ASSIGNMENT (DOCUMENT) COVER LETTER  
PATENT OR PATENT APPLICATION**

1. **NAMES OF PARTY(IES) MAKING TRANSFER**

Name: John R. Chapman

2. **IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE**

This transfer is being made to:

Name: ThermoGenesis Corp.

Address: 2711 Citrus Road  
Rancho Cordova, California 95742

3. **INTENTION OF DOCUMENT**

A brief description of what the accompanying document intends to accomplish is that it is an:

- Assignment
- License
- Security Interest
- Other

**4. IDENTIFICATION OF PATENT OR APPLICATION**

Particulars of the patent or application to which the accompanying document applies are:

Inventors: John R. Chapman, Vijay Kumar, Brian K. Cinquini, and Phillip D. Kingsley

For (title): Apparatus and Method for Separating and Isolating Components of a Biological Fluid

- (a)  U.S. patent application executed on \_\_\_\_\_.
- (b)  U.S. patent application serial no. 12/315,722 filed on December 4, 2008.
- (c)  U.S. patent no. \_\_\_\_\_ issued on \_\_\_\_\_.

**5. NAME AND ADDRESS TO WHICH CORRESPONDENCE SHOULD BE MAILED**

Please address all correspondence and return the recorded document to:

Audrey A. Millemann  
Weintraub Genshlea Chediak  
Law Corporation  
400 Capitol Mall, 11 Floor  
Sacramento, California 95814

**6. NUMBER OF APPLICATIONS OR PATENTS, AND TOTAL FEE DUE**

The number of applications or patents identified herein is: 1

Total Fee Due \$ 40

**7. DATE DOCUMENT WAS EXECUTED**

The accompanying document was executed on December 3, 2008.

**8. FEE PAYMENT**

Fee payment is provided for as follows:

New Application transmittal (INCLUDED IN FILING FEE)

FWC Transmittal (Item VII)

Transmittal of Filing under 37 CFR 1.60(b) (Item 11)

Attached is a check in the sum of \_\_\_\_\_.

Charge Account No. 501176.

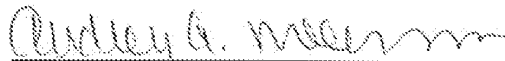
Charge Account No. \_\_\_\_\_ in the sum of \_\_\_\_\_ A duplicate of this transmittal is attached.

9. **STATEMENT OF AUTHENTICITY**

The undersigned certifies that, to the best of his or her knowledge and belief, the information contained in this cover sheet is true and correct, and any copy of the document submitted for recording is a true copy of the original document.

10. **SIGNATURE**

Dated: January 14, 2009



Audrey A. Millemann, Reg. No. 44,942  
Weintraub Genshlea Chediak  
Law Corporation  
400 Capitol Mall, 11<sup>th</sup> Floor  
Sacramento, California 95814  
916/558-6033

Practitioner's Docket No. 7156/16529

**PATENT**

- For:  U.S. and/or  Foreign Rights
- For:  U.S. Application or  
 U.S. Provisional Application
- For:  U.S. Patent
- For:  PCT Application
- By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or entity(ies) who own the invention

John R. Chapman  
*(type or print name(s) of ASSIGNOR(S))*

1163 7th Avenue  
 Address

Sacramento, California 95818

U.S.  
 Nationality

*(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
 Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

ThermoGenesis Corp.  
*(type or print name(s) of ASSIGNEE(S))*

2711 Citrus Road  
 Address

Rancho Cordova, California 95742

a Delaware corporation  
 Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
Apparatus and Method for Separating and Isolating Components  
of a Biological Fluid

Name of inventor(s) John R. Chapman, Vijay Kumar, Brian K. Cinquini,  
and Phillip D. Kingsley

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no. 12 / 315,722  
filed on December 4, 2008

(e)  International application no. PCT/ US2008 / 013377

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention [16-3]—page 2 of 3)

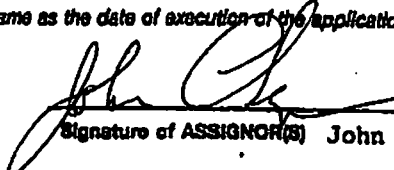
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ day

of \_\_\_\_\_  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: Dec. 3, 2008

  
\_\_\_\_\_  
Signature of ASSIGNOR(S) John R. Chapman

Date:

Date:

Date:

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(Type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)



Atty. Docket No. 7156/16529

**Commissioner of Patents and Trademarks  
P. O. Box 1450  
Alexandria, Virginia 22313-1450**

**ASSIGNMENT (DOCUMENT) COVER LETTER  
PATENT OR PATENT APPLICATION**

**1. NAMES OF PARTY(IES) MAKING TRANSFER**

Name: Vijay Kumar

**2. IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE**

This transfer is being made to:

Name: ThermoGenesis Corp.

Address: 2711 Citrus Road  
Rancho Cordova, California 95742

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Audrey A. Millemann  
Weintraub Genshlea Chediak  
Law Corporation  
400 Capitol Mall, 11 Floor  
Sacramento, California 95814

**6. NUMBER OF APPLICATIONS OR PATENTS, AND TOTAL FEE DUE**

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Total Fee Due \$ 40

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400 Capitol Mall, 11<sup>th</sup> Floor  
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**ASSIGNOR:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

Vijay Kumar  
(type or print name(s) of ASSIGNOR(S))  
2338 Stahl Court  
Address  
Gold River, California 95670  
U.S.  
Nationality

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

ThermoGenesis Corp.  
(type or print name(s) of ASSIGNEE(S))  
2711 Citrus Road  
Address  
Rancho Cordova, California 95742  
a Delaware corporation  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

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(Assignment of Invention [16-3]—page 2 of 3)

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Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: Dec. 3, 2008

Signature of ASSIGNOR(S) Vijay Kumar

Date:

Date:

Date:

(If ASSIGNOR is a legal entity, complete the following information)

(Type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

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Name: Brian K. Cinquini

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**ASSIGNOR:**

Inventor(s) or person(s) or  
entity(ies) who own the  
Invention

Brian K. Cinquini  
(type or print name(s) of ASSIGNOR(S))

811 23rd Street  
Address

Sacramento, California 95816

U.S.  
Nationality

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

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hereby sells, assigns and transfers to

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and the successors, assigns and legal representatives of the ASSIGNEE

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for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
Apparatus and Method for Separating and Isolating Components  
of a Biological Fluid

Name of inventor(s) John R. Chapman, Vijay Kumar, Brian K. Cinquini,  
and Phillip D. Kingsley

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

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(Assignment of Invention [18-3]—page 2 of 3)

Revised 12/97 (Rev. 6/01)

FORM 16-3

16-7

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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Date: Dec. 3, 2008

Signature of ASSIGNOR(S) Brian K. Cinquini

Date:

Date:

Date:

(If ASSIGNOR is a legal entity, complete the following information)

(Type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

PATENT

REEL: 022108 FRAME: 0036

**PATENT**

Atty. Docket No. 7156/16529

**Commissioner of Patents and Trademarks  
P. O. Box 1450  
Alexandria, Virginia 22313-1450**

**ASSIGNMENT (DOCUMENT) COVER LETTER  
PATENT OR PATENT APPLICATION**

**1. NAMES OF PARTY(IES) MAKING TRANSFER**

Name: Phillip D. Kingsley

**2. IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE**

This transfer is being made to:

Name: ThermoGenesis Corp.

Address: 2711 Citrus Road  
Rancho Cordova, California 95742

**3. INTENTION OF DOCUMENT**

A brief description of what the accompanying document intends to accomplish is that it is an:

- Assignment
- License
- Security Interest
- Other

**4. IDENTIFICATION OF PATENT OR APPLICATION**

Particulars of the patent or application to which the accompanying document applies are:

Inventors: John R. Chapman, Vijay Kumar, Brian K. Cinquini, and Phillip D. Kingsley

For (title): Apparatus and Method for Separating and Isolating Components of a Biological Fluid

- (a)  U.S. patent application executed on \_\_\_\_\_.
- (b)  U.S. patent application serial no. 12/315,722 filed on December 4, 2008.
- (c)  U.S. patent no. \_\_\_\_\_ issued on \_\_\_\_\_.

**5. NAME AND ADDRESS TO WHICH CORRESPONDENCE SHOULD BE MAILED**

Please address all correspondence and return the recorded document to:

Audrey A. Millemann  
Weintraub Genshlea Chediak  
Law Corporation  
400 Capitol Mall, 11 Floor  
Sacramento, California 95814

**6. NUMBER OF APPLICATIONS OR PATENTS, AND TOTAL FEE DUE**

The number of applications or patents identified herein is: 1

Total Fee Due \$ 40

**7. DATE DOCUMENT WAS EXECUTED**

The accompanying document was executed on December 3, 2008.

**8. FEE PAYMENT**

Fee payment is provided for as follows:

New Application transmittal (INCLUDED IN FILING FEE)

\_\_\_ FWC Transmittal (Item VII)

\_\_\_ Transmittal of Filing under 37 CFR 1.60(b) (Item 11)

\_\_\_ Attached is a check in the sum of \_\_\_\_\_.

X Charge Account No. 501176.

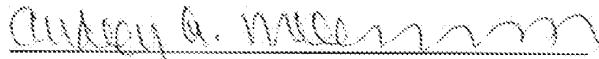
\_\_\_ Charge Account No. \_\_\_\_\_ in the sum of \_\_\_\_\_. A duplicate of this transmittal is attached.

9. **STATEMENT OF AUTHENTICITY**

The undersigned certifies that, to the best of his or her knowledge and belief, the information contained in this cover sheet is true and correct, and any copy of the document submitted for recording is a true copy of the original document.

10. **SIGNATURE**

Dated: January 14, 2009



Audrey A. Millemann, Reg. No. 44,942  
Weintraub Genshlea Chediak  
Law Corporation  
400 Capitol Mall, 11<sup>th</sup> Floor  
Sacramento, California 95814  
916/558-6033

Practitioner's Docket No. 7156/16529

**PATENT**

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  
        U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

Phillip D. Kingsley  
*(type or print name(s) of ASSIGNOR(S))*

4345 Gorham Way  
Address  
Mather, California 95655

U.S.  
Nationality

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

ThermoGenesis Corp.  
*(type or print name(s) of ASSIGNEE(S))*

2711 Citrus Road  
Address  
Rancho Cordova, California 95742

a Delaware corporation  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE



(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
Apparatus and Method for Separating and Isolating Components  
of a Biological Fluid

Name of inventor(s) John R. Chapman, Vijay Kumar, Brian K. Cinquini,  
and Phillip D. Kingsley

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no. 12 / 315,722  
filed on December 4, 2008

(e)  International application no. PCT/ US2008 / 013377

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention [16-3]—page 2 of 3)

(2.17a-12/97) (Rev. 05)

FORM 16-3

16-7

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: Dec. 3, 2008

Phillip D. Kingsley  
Signature of ASSIGNOR(S) Phillip D. Kingsley

Date:

Date:

Date:

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(Type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)