

PATENT ASSIGNMENT

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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>Michael Klass</td><td>12/09/2009</td></tr><tr><td>Christine Kuslich</td><td>12/10/2009</td></tr><tr><td>George Poste</td><td>12/10/2009</td></tr></tbody></table>		Name	Execution Date	Michael Klass	12/09/2009	Christine Kuslich	12/10/2009	George Poste	12/10/2009		
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Christine Kuslich	12/10/2009										
George Poste	12/10/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Caris MPI, Inc.</td></tr><tr><td>Street Address:</td><td>445 North Fifth Street, 3rd Flr.</td></tr><tr><td>City:</td><td>Phoenix</td></tr><tr><td>State/Country:</td><td>ARIZONA</td></tr><tr><td>Postal Code:</td><td>85004</td></tr></table>		Name:	Caris MPI, Inc.	Street Address:	445 North Fifth Street, 3rd Flr.	City:	Phoenix	State/Country:	ARIZONA	Postal Code:	85004
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PROPERTY NUMBERS Total: 1											
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Application Number:	12591226										
CORRESPONDENCE DATA											
Fax Number: (650)493-6811 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	37901-706.201										
NAME OF SUBMITTER:	Terry Salvacion										
Total Attachments: 3 source=37901-706-201Assignment#page1.tif source=37901-706-201Assignment#page2.tif											

CH \$40.00 12591226

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PATENT
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PATENT ASSIGNMENT

Docket Number 37901-706.201

WHEREAS, the undersigned:

1. KLASS, Michael
11554 N. Verch Way
Oro Valley, AZ 85737
2. KUSLICH, Christine
1185 W. Spur Avenue
Gilbert, AZ 85233
3. POSTE, George
P.O. Box 681
Cave Creek, AZ 85327

(hereinafter "Inventor(s)), have invented certain new and useful improvements in

Methods and Systems of Using Exosomes for Determining Phenotypes

- ☐ for which a United States patent application is executed on even date herewith;
☒ for which Application No. 12/591,226 was filed on 11/12/2009 in the United States Patent Office;
☐ for which Application No. ___ was filed on ___ in the U.S. Receiving Office of the Patent Cooperation Treaty;
☐ for which Application No. ___ was filed on ___ in the ___ Patent Office; and/or
☐ for which an application was filed upon which a United States Patent issued on ___, as U.S. Patent No.

(hereinafter "Application(s)").

WHEREAS, Caris MPJ, Inc., a corporation of the State of Delaware, having a place of business at 445 North Fifth Street - 3rd Floor, Phoenix, AZ 85004, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 12/9/09 Michael Klass
Michael KLASS
Date: 12/10/09 Christine Kuslich
Christine KUSLICH

Date: _____
George POSTE

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: _____

By: _____
Name: _____
Title: _____

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Docket Number 37901-706.201

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Date: _____
Michael KLASSDate: 12.10.09George Poste
George POSTEDate: _____
Christine KUSLICH

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: _____

By: _____

Name:
Title:

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Date: _____ Michael KLAAS	Date: _____ George POSTE
Date: _____ Christine KUSLICH	

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: 12/9/09
By: Russell O. Farr
Name: Russell O. Farr
Title: Senior Vice President & General Counsel

PATENT

RECORDED: 06/15/2010

REEL: 024540 FRAME: 0424