## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA	J			
I <del></del>					
		N	ame	Execution Date	
Michael Klass				12/09/2009	
Christine Kuslich				12/10/2009	
George Poste				12/10/2009	
RECEIVING PARTY D	ATA				
Name: Caris MPI, Inc.					
Street Address:	445 North Fift	th Stree	ət, 3rd Flr.		
City:	Phoenix				
State/Country:	ARIZONA				
Postal Code:	85004				
PROPERTY NUMBER	S Total: 1				
[					206
Property Ty	rpe		Number		12591226
Application Number:		125912	226		124
CORRESPONDENCE	DATA				2
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ATTORNEY DOCKET NUMBER:			37901-706.201		
NAME OF SUBMITTE	R:		Terry Salvacion		
Total Attachments: 3 source=37901-706-20 source=37901-706-20		-		PATENT	

501205481

PATENT REEL: 024540 FRAME: 0421

	PATENT ASSIGNMENT		Docket Number 37901-706.201
WHEREAS, the undersigned:		alan an a	
I. KLASS, Michael	2. KUSLICH, Christine	3. POSTE, George	
LISS4 N. Verch Way Oro Valley, AZ 85737	1185 W. Spur Avenue	P.O. Box 681	
510 Yancy, AZ 65757	Gilben, AZ 85233	Cave Creek, AZ 8532	
(hercinalter "Inventor(s))," have i	invented certain new and useful impro	vements in	
	Methods and Systems of Unit	g Exosomes for Determining P	henotypes
for which Applicat for which Applicat for which Applicat	States patent application is executed to ion No. <u>12/591,226</u> was filed on <u>11/12</u> ion No was filed on in the U.S ion No was filed on in the ation was filed upon which a United S	n oven date herewith; /2009 in the United States Patent . Receiving Office of the Patent ( Patent Office and/or	Office; Cooperation Treaty;
and to all embodiments of the inve collectively referred to as "Inventi thereon granted in the United State	as of acquiring the entire right, title an entions, heretofore conceived, made or ons"), and in and to any and ell patent is, foreign countries, or under any inter	d interest in and to said Applicati discovered, whether jointly or se t, inventor's certificates and other mational convention, agreement,	nth Fifth Street - 3rd Floor, Phoenix, AZ 85004, on(s) and the inventions disclosed therein, and in verally, by sold Inventor(s) (hereinafter forms of protection (hereinafter "Patent(s)") protocol, or trenty. id Inventor(s) to have been received in full from
applications, including the right to cl applications and Patent(s), includin otherwise; (c) in and to any and all under any international convention	arm priority to said inventions; (b) in a g those filed under the Paris Conventi applications filed and any and all Pate , agreement, protocol, or meaty, includ institution, continuation, or continuation	and to all rights to all United Stat on for the Protection of Industrial nt(s) granted on said Inventions i ing each and every availation fil	nine right, title and interest (a) in and to said es and corresponding non-United States patent Property, The Patent Cooperation Treaty or in the United States, in any foreign country, or ed and any and all Patent(s) granted on any ion(s); and (d) in and to each and every reissue,
igni, the and interest neren conve cooperation by said Inventor(s) shal pecifications, declarations or other ssignee the right, title and interest ivisional, continuing or additional c) for interference or other priority terefor and any Patent(s) granted if	yed in the United States, foreign count il include prompt production of pertine papers, and other assistance all to the herein conveyed; (b) for prosecuting a applications covering said Inventions; proceedings involving said Inventions increased infinitement actions and court as	ries, or under any international o ant facts and documents, giving o extent deemed necessary or deam my applications covering said tay (d) for filing and proceedings app ; and (f) for legal proceedings in source of proceedings in	suid Assignee to enjoy to the fullest extent the convention, agreement, protocol, or treaty. Such f testimony, execution of petitions, onlys, able by said Assignee (a) for perfecting in said entions; (c) for filing and prosecuting substitute. dications for reissuance of any said Patent(s); rolving said Inventions and any applications ition proceedings, cancellation proceedings, a expense incurred by said Inventor(s) in
3. The terms and opresentatives, and shall be bioding	covenants of this assignment shall inur upon said Inventor(s), their respective	e to the benefit of said Assignee, heirs, legal representatives and a	its successors, assigns and other legal ssigns.
4. Said Inventor(s decision of the state of	) hereby worrant and represent that the	y have not entered and will not c	nter into any assignment, contract, or
5. Said Inventor(s) reement, protocol, or treaty, be fast presentatives and assigns.	) hereby request that any Patent(s) issue and in the name of the Assigner, or its	ing in the United States, foreign o successors and assigns, for the sc	constries, or under any international convention, ile use of said Assignce, its successors, legal
IN WITNESS WHEREOF	, said inventor(s) have executed and d	elivered this instrument to said A	raignee as of the dates written below:
1. 12/9/09 × Mie	hard Klack	n an	
Michsel K	LASS	Date:	THE POSTE

## **RECEIVED AND AGREED TO BY ASSIGNEE:**

Christine KUSLICH

Jate:	By:	Name;	<u>"</u>
		Title:	 A

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Date:

Page 1 of 1

	PATENT ASSIGNMENT		Docket Number 37901-706.201
WHEREAS, the undersigned:			
<ol> <li>KLASS, Michael 11554 N, Verch Way Oro Valley, AZ 85737</li> </ol>	2. KUSLICH, Christine 3 1185 W. Spur Avenue Gilbert, AZ 85233	<ul> <li>POSTE, George</li> <li>P.O. Box 681</li> <li>Cave Creek, AZ 8537</li> </ul>	27
(hereinafter "Inventor(s))," have	invented certain new and useful improvements	s in	
	Methods and Systems of Using Exos	omes for Determining I	Phenotypes
for which Applicat	States patent application is executed on even tion No. <u>12/591,226</u> was filed on <u>11/12/2009</u> i tion No was filed on in the U.S. Recei tion No was filed on in the Patent of tation was filed upon which a United States Pr	n the United States Paten ving Office of the Patent Office: and/or	Cooperation Treaty;
(hereinafter "Assignee"), is desire and to all embodiments of the invi- collectively referred to as "Invent	ous of acquiring the entire right, title and inter- entions, heretofore conceived, made or discov	est in and to said Applicated, whether jointly or s tor's certificates and other	r forms of protection (hereinafter "Patent(s)")
NOW, THEREFORE, i said Assignce:	in consideration of good and valuable consider	ation acknowledged by s	aid Inventor(s) to have been received in full from
Inventions, including the right to c applications and Patent(s), includi otherwise; (c) in and to any and al under any international conventior	ng those filed under the Paris Convention for I I applications filed and any and all Patent(s) g n, agreement, protocol, or treaty, including eac substitution, continuation, or continuation-in-p	all rights to all United Sta the Protection of Industri- ranted on said Inventions h and every application 1	ites and corresponding non-United States patent al Property, The Patent Cooperation Treaty or in the United States, in any foreign country, or
ight, title and interest herein conv coopcration by said Inventor(s) shi pecifications, declarations or othe Assignce the right, title and interes	eyed in the United States, foreign countries, o all include prompt production of pertinent fact r papers, and other assistance all to the extent at herein conveyed; (b) for prosecuting any apr	r under any international s and documents, giving deemed necessary or des dications covering said h	irable by said Assignce (a) for perfecting in said eventions: (c) for filing and prosecuting substitute
ivisional, continuing or additional c) for interference or other priority perefor and any Patent(s) granted mority contests, public use proceed	y proceedings involving sold Inventions; and ( thereon, including without limitation reissues dings, infringement actions and court actions;	<li>f) for legal proceedings is and reexaminations, opportunity</li>	nvolving said Inventions and any applications solution proceedings, cancellation proceedings.
ivisional, continuing or additional c) for interference or other priority herefor and any Patent(s) granted nority contests, public use proceed roviding such cooperation shall be 3. The terms and	y proceedings involving sold Inventions; and ( thereon, including without limitation reissues dings, infringement actions and court actions;	<ul> <li>for legal proceedings is and reexaminations, opport provided, however, that</li> <li>benefit of said Assigned</li> </ul>	nvolving said Inventions and any applications sation proceedings, cancellation proceedings, the expense incurred by said Inventor(s) in e. its successors, assigns and other legal
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PATENT REEL: 024540 FRAME: 0423

·	PATENT ASSIGNMENT		Docke	t Number 37901-706.201	
WHEREAS, the undersigned.				<u>ر جمع المحمد المحم</u>	
I. KLASS, Michael	2 KUSLICH, Christine	3. POSTE.	George		
11554 N. Verch Way	1185 W. Spur Avenue	P.O. Box			
Oro Valley, AZ 85737	Gilbert, AZ 85233	Cave Cre	ek, AZ 85327		
(hereinafter "Inventor(s))," have	invented certain new and useful impro	woments in			
	Methods and Systems of Usi	ng Exosomes for De	termining Phenotype		
or which Application of the second se	I States patent application is executed tion No. <u>12/591,226</u> was filed on <u>11/1</u> tion No. was filed on in the U. tion No. was filed on in the cation was filed upon which a United :	2/2009 in the United S. Receiving Office ( Patent Office: and/o	States Patent Office; of the Patent Cooperati		
(hereinatter "Assignee"), is desire and to all embodiments of the inv collectively referred to as "Invent	orporation of the State of <u>Delaware</u> , ha ous of acquiring the entire right, title a entions, heretofore conceived, made o fons"), and in and to any and all paten les, foreign countries, or under any inte	nd interest in and to r discovered, whethe 15. inventor's certific	said Application(s) and r jointly or severally, I ates and other forms of	d the inventions disclosed therein by said Inventor(s) (hereinsfter Emotection (hereinafter "Palent)	n, and ir
NOW, THEREFORE, i said Assignce:	in consideration of good and valuable	consideration ackno	wledged by said Inven	tor(s) to have been received in fi	ull from
pplications and Patent(s), includi scherwise; (c) in and to any and al inder any international convention pplication which is a divisional, a cexamination, or extensions of an 2. Said Inventor ight, title and interest herein conv ooperation by said Inventor(s) sh	r(s) hereby covenant and agree to coop reyed in the United States, foreign cou all include prompt production of perti-	tion for the Protectio tent(s) granted on sai ding each and every tion-in-part of any of merate with said Assi ntries, or under any nent facts and docur	n of Industrial Property d Inventions in the Un application filed and a 'said Application(s); a gnee to enable said As international convention ents, giving of (esting)	y, The Patent Cooperation Treat lited States, in any foreign count my and all Patent(s) granted on a and (d) in and to each and every r signee to enjoy to the fullest extu- m, agreement, protocol, or treaty pay, execution of petitions, oaths	y of ty, or my eissue, ent the . Such
pecifications, declarations or othe ssignee the right, title and interes ivisional, continuing or additiona e) for interference or other priorit herefor and any Patent(s) granted riority contests, public use procee roviding such cooperation shall b 3. The terms and	er papers, and other assistance all to the st herein conveyed; (b) for prosecuting al applications covering said Invention y proceedings involving said Invention thereon, including without limitation is edings, infringement actions and court	e extent deemed neo any applications co s; (d) for filing and p ns; and (f) for legal p reissues and reexami actions; provided, h wre to the benefit of	essary or desirable by vering said Inventions; rosecuting application roccedings involving a nations, opposition pro owever, that the expen- said Assignce, its spec	said Assignce (a) for perfecting a ; (c) for filing and prosecuting au s for reissuance of any said Pate said Inventions and any application preedings, cancellation proceedings incurred by said Inventor(s) in ressors, assigns and other legal	in said ibstitute nt(s); ions nes,
4. Said Inventor iderstanding in conflict herewith.	(s) hereby warrant and represent that (	hey have not entered	and will not enter into	any assignment, contract, or	
5. Said Inventor preement, protocol, or treaty, be is	(s) hereby request that any Patent(s) is ssued in the name of the Assignee, or i	suing in the United S is successors and as	itates, foreign countrie signs, for the sole use o	es, or under any international cor of said Assignce, its successors,	
presentatives and assigns.					vention legal
presentatives and assigns.	DF, said Inventor(s) have executed and	l delivered this instru	ment to said Assignce	as of the dates written below:	vention legal
presentatives and assigns. IN WITNESS WHEREC		l delivered this instru Date:	ment to said Assignce	as of the dates written below:	vention legal
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te: Michael	DF, said Inventor(s) have executed and I KLASS re KUSLICH	Date: By: X Name: Ru	George PC	)STE	iventio legal

RECORDED: 06/15/2010

## PATENT REEL: 024540 FRAME: 0424