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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANAE WHEELER	03/10/2011
CHARLES WALL	03/10/2011
UWE D. STAERZ	03/10/2011
ERIN K. SPIEGEL	03/10/2011
MILES B. BRENNAN	03/10/2011
WILLIAM J. MASLANIK	03/10/2011
XIANGHUA ZHANG	03/10/2011

RECEIVING PARTY DATA

Name:	ISOGENIS, INC.	
Street Address:	12635 MONTVIEW BLVD.	
City:	AURORA	
State/Country:	COLORADO	
Postal Code: 80045		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14494991

CORRESPONDENCE DATA

Fax Number:(617)310-6001Correspondence 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.Phone:6173106000

Email:	bosipmail@gtlaw.com
Correspondent Name:	CHINH H. PHAM
Address Line 1:	GREENBERG TRAURIG, LLP
Address Line 2:	ONE INTERNATIONAL PLACE
Address Line 4:	BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 108674-010304/CON		
NAME OF SUBMITTER:	CHINH H. PHAM	
SIGNATURE: /Chinh H. Pham, Reg. No. 39,329/		
DATE SIGNED:	06/25/2015	

Total Attachments: 5

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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign effective as of September 17, 2009 to: **ISOGENIS, INC.**, ("Assignee"), a Delaware corporation with a principal address at 12635 Montview Blvd, Aurora, CO 80045, and its successors, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

CONSTRUCTION OF FULLY-DELETED ADENOVIRUS-BASED

GENE DELIVERY VECTORS AND USES THEREOF

and identified as:

Application No.: 12/561,966 Filed: September 17, 2009

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and

execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

The undersigned hereby authorize the assignee, its successors and assigns, to insert in this Assignment the filing date and application number of the application when ascertained.

pae 11/herly Date: 3/10/11 Janae WHEELER Name of Inventor: Address of Inventor: 14841 East 117th Ave, Brighton, CO 80603 USA County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named on 10th 2011 March date Notary Public Cal My Commission Expires: (0-30-2012 (Seal)

Date: 3-10-11 Charles WALL Name of Inventor: 7351 South Sheridan Address of Inventor: Court, Littleton, CO 80128 USA County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named March on 10th aoll date Notary Public Call My Commission Expires: 6-30-2013 (Seal) Date: 03-10-11 Uwe D. STAERZ Name of Inventor: Address of Inventor: 4101 Montview Blvd, Denver, CO 80207 **USA** County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named on 10' 2011 march date Da Notary Public (My Commission Expires: 6-30-3012 (Seal) - 3 -BOS 46,728,578v1

PATENT REEL: 035955 FRAME: 0390

Attorney Docket No.: 108674-010301/US

Date: 3/10/11 Name of Inv enfor: Address of Inventor: 6589 S, Uravan Ct. Aurora, CO 80016 USA County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named DOIL on 10th March Notary Public Cu Ma Commission Expires: 6-30-20 (Seal) Date: Miles B. BRENNAN Name of Inventor: Address of Inventor: 2945 Leyden Street, Denver CO 80207 USA County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named 2011 March on 10th date Notary Public Cerli My Commission Expires: 6-30-2013 (Seal) Wit S Date: - 4 -BOS 46,728,578v1

PATENT REEL: 035955 FRAME: 0391 Name of Inventor: Address of Inventor: 7859 S. Dudley Street

William J. MASLANIK Littleton, CO 80128 USA

County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named March on 10th 2011 date Notary Public Cal My Commission Expires: (2-30-20) (Seal) Zhan Date: 3/10/2011 tranglo Name of Inventor: Xianghua ZHANG Address of Inventor: 6164 S. Espana Way, Aurora, CO 80016 USA County of Adams) ss. State of Colorado Subscribed and sworn to before me by the above-named 2011 March on 10th date Notary Public Carlo My Commission Expires: 6-30-201 (Seal) - 5 -

BOS 46,728,578v1

PATENT REEL: 035955 FRAME: 0392

RECORDED: 06/25/2015