PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	/ DATA					
			lame		Execution Date	
Douglas D. Taylor					03/02/2010	
Cicek Gercel-Taylor					03/02/2010	
RECEIVING PARTY	DATA					
Name:	University of Louisville Research Foundation, Inc.					
Street Address:	201 East Jef	ferson \$	Street, Suite 215			
Internal Address:	Office of Tec	hnology	y Transfer, MedCenter Three			
City:	LOUISVILLE					
State/Country:	KENTUCKY					
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ASSIGNMENT U.S. Patent Application No. <u>12/524,462</u> Filed: <u>7/24/2009</u>

WHEREAS, Douglas D. Taylor AND Cicek Gercel-Taylor (hereinafter designated as the undersigned) have invented certain new and useful improvements in EXOSOME-ASSOCIATED MICRORNA AS A DIAGNOSTIC MARKER which an application for Letters Patent of the United States of America has been filed on February 24, 2010 and assigned Application Serial Number 12/711,499, which application is a continuation of United States Patent Application Serial Number 12/524,462 filed on July 24, 2009, which is a U. S. National Stage Application of PCT/US08/71235 filed on July 25, 2008, and which claims priority to United States Patent Application 60/951,812 filed on July 25, 2007, and to United States Patent Application Serial Number 61/050,438 filed on May 5, 2008; and

WHEREAS, at such time as the undersigned made the invention, they were under an obligation to assign rights to University of Louisville Research Foundation with an address at MedCenter Three, 201 East Jefferson, Suite 215, Louisville, Kentucky 40202.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto University of Louisville Research Foundation, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title, and interest of the undersigned in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America, its territories, dependencies, and possessions, and in any and all foreign countries; and to any and all utility applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof for the full term or terms for which the same may be granted.

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PATENT REEL: 024024 FRAME: 0459

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion, or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion, or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion, or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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PATENT REEL: 024024 FRAME: 0460

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 3/2/10

STATE OF Hentucky

COUNTY OF Jefferson

Signature of Inventor <u>Jauglan</u> Douglas D. Taylor

Before me personally appeared Douglas D. Taylor, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 2 of March, 2010.

Narlane Williams Notary Public

Date 2/2/10 ····

STATE OF Antuck COUNTY OF Alfuson

Signature of Inventor

Before me personally appeared Cicek Gercel-Taylor, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 2 of <u>March</u>, 2010. <u>March</u>, 2010. Notary Public

Actober 11, 2011 My commission expires UN024:0UN84:774468:1:LOUISVILLE

RECORDED: 03/03/2010

PATENT REEL: 024024 FRAME: 0461