

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2853514

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONATHAN DAVID BORTZ	05/09/2014
YURY LAGOVIER	04/30/2014
PAUL TIMOTHY BRADY	05/13/2014
RECEIVING PARTY DATA	
Name:	PARTICLE DYNAMICS INTERNATIONAL, LLC
Street Address:	2629 SOUTH HANLEY ROAD
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63144
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14170927
CORRESPONDENCE DATA	
Fax Number:	(314)231-4342
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	uspatents@senniger.com
Correspondent Name:	SENNIGER POWERS LLP
Address Line 1:	100 NORTH BROADWAY
Address Line 2:	17TH FLOOR
Address Line 4:	ST LOUIS, MISSOURI 63102
ATTORNEY DOCKET NUMBER:	PADI 4008.2 (ACW/AXJ)
NAME OF SUBMITTER:	ANITA JURIC
SIGNATURE:	/anita juric/
DATE SIGNED:	05/13/2014
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, We, Jonathan David Bortz of St. Louis, MO, Yury Lagoviyer of Olivette, MO, and Paul Timothy Brady of St. Louis, MO, have invented an improvement in SPATIAL ARRANGEMENT OF PARTICLES IN A DRINKING DEVICE FOR ORAL DELIVERY OF PHARMACEUTICALS (PADI 4008.2) and have executed an application for a United States patent based thereon assigned Serial No. 14/170,927, filed February 3, 2014;

AND, WHEREAS, Particle Dynamics International, LLC of St. Louis, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest, including the right to claim priority, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including

extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Director of the United States Patent and Trademark Office of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been

otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

5/9/14
Date

Jonathan David Bortz
Jonathan David Bortz

STATE OF Missouri }
COUNTY OF St. Louis }

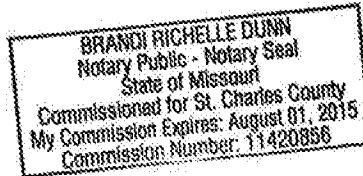
On this 9 day of ~~February~~ ^{May}, 2014, before me, a Notary Public, personally appeared Jonathan David Bortz to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Brandi Richelle Dunn
Notary Public

My Commission Expires:

8-1-15



04-30-2014
Date

[Signature]
Yury Lagoviyer

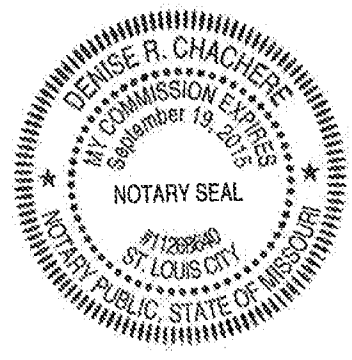
STATE OF Missouri)
)
COUNTY OF St. Louis)

On this 30 day of ~~February~~ ^{April}, 2014, before me, a Notary Public, personally appeared Yury Lagoviyer to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

[Signature]
Notary Public

My Commission Expires:
September 19, 2015



May 13th 2014
Date

[Signature]
Paul Timothy Brady

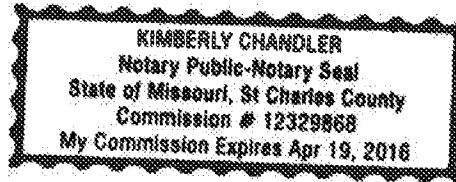
STATE OF MO
COUNTY OF St. Charles

On this 13 day of ~~February~~ May, 2014, before me, a Notary Public, personally appeared Paul Timothy Brady to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

[Signature]
Notary Public

My Commission Expires:
April 19, 2016



ACW/axj