

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3141488

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	IRWIN JACOBS	08/19/2013	
	STEPHEN GEE	08/19/2013	
	PAUL BRADY	08/16/2013	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PARTICLE DYNAMICS INTERNATIONAL, LLC		
<b>Street Address:</b>	2629 SOUTH HANLEY ROAD		
<b>City:</b>	ST. LOUIS		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63144		
<b>PROPERTY NUMBERS Total: 1</b>			
	<b>Property Type</b>	<b>Number</b>	
	<b>Application Number:</b>	14383163	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(314)231-4342		
<i>Correspondence 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.</i>			
<b>Phone:</b>	3143457000		
<b>Email:</b>	uspatents@senniger.com		
<b>Correspondent Name:</b>	SENNIGER POWERS LLP		
<b>Address Line 1:</b>	100 NORTH BROADWAY		
<b>Address Line 2:</b>	17TH FLOOR		
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63102		
<b>ATTORNEY DOCKET NUMBER:</b>	PADI4020.USN (ACW/AXJ)		
<b>NAME OF SUBMITTER:</b>	ANITA JURIC		
<b>SIGNATURE:</b>	/anita juric/		
<b>DATE SIGNED:</b>	12/10/2014		
<b>Total Attachments: 6</b>			
source=02514314#page1.tif			
source=02514314#page2.tif			
source=02514314#page3.tif			
source=02514314#page4.tif			
<b>PATENT</b>			

source=02514314#page5.tif

source=02514314#page6.tif

ASSIGNMENT

**WHEREAS, We,** Irwin Jacobs of Defiance, MO, Stephen Gee of St. Louis, MO, and Paul Brady of St. Louis, MO, have invented an improvement in GELLING AGENT-BASED DOSAGE FORM described in a U.S. provisional patent application assigned Serial No. 61/791,967, filed March 15, 2013, and International Patent Application No. PCT/US2013/032946, filed March 19, 2013 (PADI 4020.WO);

**AND, WHEREAS,** Particle Dynamics International, LLC of St. Louis, MO, 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 and International applications, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States or International 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 and International 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.

Aug. 19, 2013  
Date

Irwin Jacobs  
Irwin Jacobs

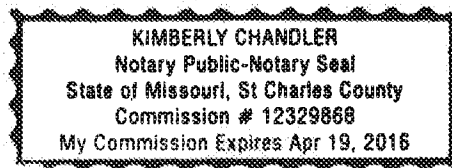
STATE OF MO  
COUNTY OF St. Louis County

On this 19<sup>th</sup> day of August, 2013, before me, a Notary Public, personally appeared Irwin Jacobs 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.

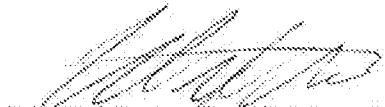
Kimberly G. Chandler  
Notary Public

My Commission Expires:



8/19/2013

Date

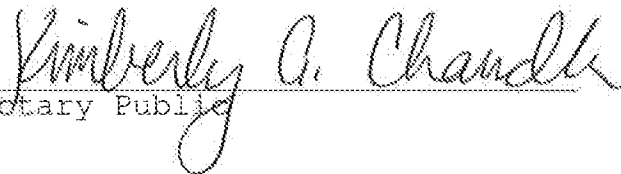
  
Stephen Gee

STATE OF MO )

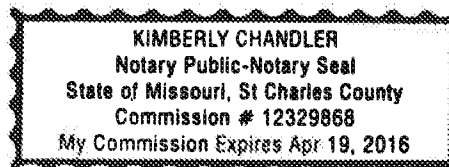
COUNTY OF St. Louis )

On this 19<sup>th</sup> day of August, 2013, before me, a Notary Public, personally appeared Stephen Gee 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.

  
Notary Public

My Commission Expires:



August 16<sup>th</sup> 2013.  
Date

Paul Brady  
Paul Brady

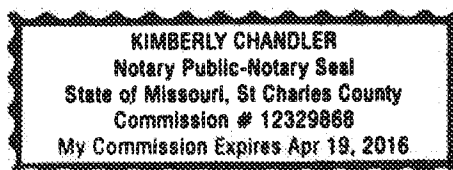
STATE OF MO  
COUNTY OF St. Louis

On this 16 day of August, 2013, before me, a Notary Public, personally appeared Paul 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.

Kimberly A. Chandler  
Notary Public

My Commission Expires:  
\_\_\_\_\_



ACW/axj