PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William Benjamin Stein	08/07/2009
Alina A. Alexeenko	08/07/2009
Ivana Hrbud	09/28/2009

RECEIVING PARTY DATA

Name:	Purdue Research Foundation
Street Address:	1281 Win Hentschel Blvd.
City:	West Lafayette
State/Country:	INDIANA
Postal Code:	47906

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	12466357
Application Number:	61127553

CORRESPONDENCE DATA

Fax Number: (317)236-9907

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: John V. Daniluck Address Line 1: Bingham McHale LLP

Address Line 2: 10 West Market Street, Suite 2700 Address Line 4: Indianapolis, INDIANA 46204

ATTORNEY DOCKET NUMBER:	17933-89755
NAME OF SUBMITTER:	John V. Daniluck

REEL: 023635 FRAME: 0214

PATENT

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> PATENT REEL: 023635 FRAME: 0215

ASSIGNMENT

WHEREAS, William Benjamin Stein of P.O. Box 2717, West Lafayette, IN 47906, Alina A. Alexeenko of 206 Shelby Court, West Lafayette, IN 47906, Ivana Hrbud of 14109 (Hz) S. 18th Street, Lafayette, IN 47905, and Darren L. Hitt of 11 Clever Lane, Jeriehe, VT—05405, hereinafter referred to as Assignors, have made new and useful invention in the field of METHOD OF ENHANCING MICROTHRUSTER PERFORMANCE as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent application Serial No. 61/127,553, filed May 14, 2008 and in U.S. patent application Serial No. 12/466,357, filed May 14, 2009, (hereinafter "Invention");

WHEREAS, Purdue Research Foundation, hereinafter referred to as Assignee, a non-profit organization of the State of Indiana, having a principal place of business at 1281 Win Hentschel Blvd., West Lafayette, IN 47906-41826, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Invention and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Invention, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Invention conceived by Assignors, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignors acknowledge that said Invention, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignors to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignors and Assignee.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Invention in this and all foreign countries for the use of Assignee, said agreement surviving Assignors employment by, or contract with, Assignee.

ASSIGNMENT
METHOD OF ENHANCING MICROTHRUSTER PERFORMANCE
Docket No. 17933-89755 (64962.00.US)

#1413132

Assignors understand that Bingham McHale LLP does not personally represent Assignors or Assignors' legal interests, but instead represents the interests of Assignee. Assignors acknowledge their right to retain their own independent legal counsel.

WITNESS Assignor's hand this		Most.	_, 2009.
1	William	Benjamin Stein	
STATE OF Indiana country of Tippelance)): SS)	ASHLEY J. RUT Tippecance C My Commission February 3, 2	ounty Expires
Before me, a Notary Public, in a William Benjamin Stein, who, being first execution of the foregoing "Assignmen WITNESS my hand and Notaria	it duly sworn upo t" as his voluntar	on his oath, acknowled y act and deed.	ged the
WITNESS my hand and Notaria	Seal this	_day ofduct	<u>-</u> , 2009.
	Jole le	Y Notary Public	
	Printed:		ye.
	Resident of	uppleance	County
My Commission Expires:			
02/03/2016			

2

ASSIGNMENT
METHOD OF ENHANCING MICROTHRUSTER PERFORMANCE
Docket No. 17933-89755 (64962.00.US)

#1413132

WITNESS Assignor's hand this _	7 day of August, 2009.
	Alina Alexeenko
STATE OF INdiana	ASHLEY J. RUTLEDGE Tippecanoe County My Commission Expires February 3, 2016
Alina Alexeenko, who, being first d the foregoing "Assignment" as his	711/A- 10
VVIINESS my nand and No	tarial Seal this
, 	Notary Public
	Printed: ASNLY J. Rutledge Resident of <u>lipperance</u> County
My Commission Expires:	, ,
02/03/2011	

WITNESS Assignor's hand this	28 day of Suptember, 2009.
	Ivana Hrbud ()
STATE OF Indicana COUNTY OF Tipperanor)): SS)
Before me, a Notary Public, in a Ivana Hrbud, who, being first duly swor foregoing "Assignment" as his voluntary	and for said County and State, personally appeared in upon his oath, acknowledged the execution of the yact and deed.
WITNESS my hand and Notaria	Seal this <u>as</u> day of <u>so phember</u> , 2009.
NOTARY SEAL SCANOLOGY STATE OF THE PROPERTY OF	Mayloa. Sourfass Notary Public Printed: Gayle A. Searfoss
	Resident of Tippe cance County
My Commission Expires:	

ASSIGNMENT

#1413132

PATENT REEL: 023635 FRAME: 0219

RECORDED: 12/10/2009