

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7180466

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROBERT A BUHRMAN	10/09/2019
	LIJUN ZHU	10/19/2019
RECEIVING PARTY DATA		
Name:	CORNELL UNIVERSITY	
Street Address:	395 PINE TREE ROAD, SUITE 310	
Internal Address:	CENTER FOR TECHNOLOGY LICENSING ("CTL")	
City:	ITHACA	
State/Country:	NEW YORK	
Postal Code:	14850	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16820496	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	patentprocurement@perkinscoie.com, achou@perkinscoie.com	
Correspondent Name:	BING AI	
Address Line 1:	PO BOX 1247	
Address Line 4:	SEATTLE, WASHINGTON 98111-1247	
ATTORNEY DOCKET NUMBER:	078554-8093.US01	
NAME OF SUBMITTER:	ANITA CHOU	
SIGNATURE:	/AnitaChou/	
DATE SIGNED:	02/16/2022	
Total Attachments: 3		
source=Executed Assignment from Parent 078554-8093.US01#page1.tif		
source=Executed Assignment from Parent 078554-8093.US01#page2.tif		
source=Executed Assignment from Parent 078554-8093.US01#page3.tif		

ASSIGNMENT

WHEREAS, We, **Robert A. Buhrman**, residing at 1372 Ellis Hollow Road, Ithaca, NY 14850, and **Lijun Zhu**, residing at 100 Graham Road, Apt. 1C, Ithaca, NY 14850, have invented certain new and useful improvements in **GIANT ENHANCEMENT OF SPIN-ORBIT TORQUE BY INTERFACE SCATTERING FROM ULTRA-THIN INSERTION LAYERS** for which an application for Letters Patent in the United States was filed as U.S. Serial No. 62/819,419 on March 15, 2019;

AND WHEREAS, **Cornell University**, with its principal place of business at the **Center for Technology Licensing ("CTL") at Cornell University, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA**, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Cornell University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Cornell University**, its successors, legal representatives, and assigns, any facts known to us

respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Cornell University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Witness Signature Option

Robert A. Buhrman
Robert A. Buhrman

10/9/19
Date

Shengjie Shi
First Witness Signature

10/9/2019
Date

Shengjie Shi
First Witness Printed Name

Ryan Tapping
Second Witness Signature

10/9/2019
Date

Ryan Tapping
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2019

STATE OF _____
COUNTY OF _____

Robert A. Buhrman

This _____ day of _____, 2019, before me personally came the above-named Amit Lal, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public

Commission expires on _____

Witness Signature Option

Lijun Zhu
Lijun Zhu

10/9/2019
Date

Shengjie Shi
First Witness Signature

10/9/2019
Date

Shengjie Shi
First Witness Printed Name

Ryan Tappin
Second Witness Signature

10/9/2019
Date

Ryan Tappin
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2019

STATE OF _____
COUNTY OF _____:

Lijun Zhu

This _____ day of _____, 2019, before me personally came the above-named Rob Shepherd, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public

Commission expires on _____