rm PTO-1595 (Rev. 03-09) MB No. 0651-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FOR			
PATENTS ONLY			
To the Director of the U.S. Palent and Trademark Office: Please	record the attached documents or the new address(es) below.		
Name of conveying party(ies):	2. Name and address of receiving party(les)		
Xiufeng Han (09/09/2009), Ming Ma (09/09/2009), Qihang Qin (09/09/2009), Hongxiang Wei (09/09/2009),	Name: Institute of Physics, Chinese Academy of Sciences Internal Address:		
Additional name(s) of conveying party(les) attached? X Yes No	Street Address:		
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name Assignment Merger Change of Name Security Agreement Joint Research Agreement	No. 8 Zhongguancun Nan San Jle, Haidian District Beijing 100190 PEOPLE'S REPUBLIC OF CHINA City:		
Government Interest Assignment			
날	State:		
Executive Order 9424, Confirmatory License Correct 3 rd Assignor's name and execution dates on all Assignor's previously recorded on R/F 021631/0771	Country: Zip: Additional name(s) & address(es) attached? Yes X No		
A. Patent Application No.(s) 12/159,657 Additional numbers attached	B. Patent No.(s) Yes X No		
i. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP	7. Tota) fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Atty. Dkt.: 15454-00004-US Street Address: 1007 North Orange Street P. O. Box 2207 15454-00004	Authorized to be charged to deposit account x Enclosed None required (government interest not affecting title		
City: Wilmington	B. Payment Information		
State: DE Zip: 19899-2207	(Credit Card Form Altached)		
Phone Number: (302) 658-9141 Fax Number: (302) 658-5614	Deposit Account Number		
Email Address: zlu@cblh.com	Authorized User Name		
9. Signature:	9/23/09		
Signature	Date '		
Zhun Lu - 53,242 Name of Person Signing	Total number of pages Including cover sheet, attachments, and documents:		
Name of Person Signing			

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PATENT **REEL: 023281 FRAME: 0743**

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	RECORDATION (s	FORM COVER SHEET (PTO-159 supplemental sheet)	5)
Additional Convey	ring Party(ies)/Exec	cution Date(s) (1. Continued)	
Lixian Jiang (09/09/20	009), and Yunan Han (0	09/09/2009)	
Additional Assigne	ees (2. Continued):		
			.
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Applica	ations and/or Paten	ts (4. Continued):	
Additional Patent Applicat 4A. Continued:	lon Numbers	Additional Patent Numbers 4B. Continued:	
	Additional number	rs attached? Yes 1	No

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Docket No.: 15454-00004-US

om PTO-1595 (Rev. 07/05) DMB No. 0551-0027 (exp. 7/31/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FORM			
PATENTS			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Idente of control the brank transfer	2. Name and address of receiving party(les)		
Xiufeng Han (06/30/2008), Ming Ma (06/30/2008), Qihang Tan (06/30/2008), Hongxiang Wei	Name: Institute of Physics, Chinese Academy of Sciences		
(06/30/2008),	Internal Address:		
Additional name(s) of conveying party(los) attached? X Yes No	Street Address:		
Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name	No. 8 Zhongguancun Nan San Jie, Haidian District Beijing 100190 PEOPLE'S REPUBLIC OF CHINA		
x Assignment Merger Change of Name			
Security Agreement Joint Research Agreement	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No attached?		
4. Application or patent number(s):	his document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
12/159,657	.,		
12.100 00.			
Additional numbers attached?	Yes X No		
5, Name and address to whom correspondence concorning document should be mailed:	6. Total number of applications and		
concorning document suggest the manage.	patents involved:		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Name: Zhun Lu			
Name: Zhuri Lu CONNOLLY BOVE LODGE & HUTZ LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers 1001		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington State: DE Zip: 19899-2207 Phone Number: (302) 658-9141 Fax Number: (302) 658-5614	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 12/12 b. Deposit Account Number		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington State: DE Zip: 19899-2207 Phone Number: (302) 658-9141	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 12/12		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington State: DE Zip: 19899-2207 Phone Number: (302) 658-9141 Fax Number: (302) 658-5614	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 12/12 b. Deposit Account Number		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington State: DE Zip: 19899-2207 Phone Number: (302) 658-9141 Fax Number: (302) 658-5614 Email Address: zlu@cblh.com	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 12/12 b. Deposit Account Number		
Name: Zhun Lu CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Street Address: 1007 North Orange Street P. O. Box 2207 Atty. Dkt.: 15454-00004-US City: Wilmington State: DE Zip: 19899-2207 Phone Number: (302) 658-9141 Fax Number: (302) 658-5614 Email Address: zlu@cblh.com 9. Signature:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 1001 Expiration Date		

RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)					
Additional Conveyi	ing Party(ies)/Exec	ution Date(s) (1. Continued);		
Lixian Jiang (06/30/20	Lixian Jiang (06/30/2008), and Yunan Han (06/30/2008)				
Additional Assigne	es (2. Continued):	<u> </u>			
Assignee Name:					
Internal Address:					
Street Address:					
0.7	States	Country:	Zin:		
City:	Otate.	Oounu).			
Assignee Name:			<u></u>		
Internal Address:	<u> </u>				
Sireet Address:					
City:	State:	Country:	Zip:		
Assignee Name:					
Internal Address:					
Street Address:					
City:	State:	Country:	Zîp:		
Additional Applicat	tions and/or Patent	s (4. Continued):			
Additional Patent Applicatio		Additional Patent Numbers 4B. Continued:			
4A. Continued:		40. Continued.	•		
	Additional numbers	attached? Yes	No		

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Docket No.: 15454-00004-US

SEP. 23. 2009 | 4:48PM

NO. 0488

FAX NO. :861058302269

FROM : PANAWELL AND PARTNER LLC

Sep. 09 2009 12:05

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Xlufeng Han; Ming Ma; Qihang Qin; Hongxiang Wel; Lixian Jiang; and Yunan Han (hereinafter referred to as Assignors), their primary mailing address being No. 8 Zhongguaneun Nan San Jic, Haidian District, Beijing 100190, PEOPLE'S REPUBLIC OF CHINA; No. 8 Zhongguancun Nan San Jie, Haidian District, Beijing 100190, PROPLE'S REPUBLIC OF CHINA; No. 8 Zhongguanoun Nan San Jie, Haidian District, Beijing 100190, PEOPLE'S REPUBLIC OF CHINA; No. 8 Zhongguancun Nan San Jic, Haidian District, Beijing 100190, PEOPLE'S REPUBLIC OF CHINA; No. 8 Zhongguancun Nan San Re, Haidian District, Beijing 100190, PEOPLE'S REPUBLIC OF CHINA; and No. 8 Zhongguaneun Nun San He, Haidlan District, Beijing 100190, PHOPLE'S REPUBLIC OF CHINA, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in A CLOSE SHAPED MAGNETIC MULTI-LAYER FILM COMPRISING OR NOT COMPRISING A METAL CORE AND THE MANUFACTURE METHOD AND THE APPLICATION OF THE SAME, set forth in a Patent application for which an International Application was filed on December 31, 2006, PCT/CN2006/003799, designating the United States; and

WHEREAS, Institute of Physics, Chinese Academy of Sciences, organized under and pursuant to the laws of China having its principal place of business at No. 8 Zhongguancun Nan San Jie, Haidian District, Beijing 100190, PEOPLE'S REPUBLIC OF CHINA (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, logal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thoroon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and henefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignce, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unconcumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thoreon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

15454-00004-US

FROM : PANAMELL AND PARTNER LLC

Sep. 09 2009 12:06

the Letters Patent to be issued thoroun, for the sole use and benefit of Assignee, its successors, logal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	Sept 9, 2009	Signature:	Lings Han
Date:	Sept. 9, 2009	Signature:	Ming Ma
Date:	Sept. 9,2009	Signature:	Qin Qi Hong Qihang Qin
Date:	Sept. 4,2009	Signature:	Hong xinung Wei
Date:	Sept 9, 2009	Signature:	Lixian Jiang Lixian Jiang
Date:	Sept. 9, 2009	Signaturo:	Yunan Han Yunan Han

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PATENT REEL: 023281 FRAME: 0749

15454-00004-US

RECORDED: 09/23/2009

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