502145307 11/29/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiaogang Ruan	10/08/2012
Xiaoqing Zhu	10/08/2012
Rongyi Sun	10/08/2012
Ruoyan Wei	10/08/2012
Naigong Yu	10/08/2012
Daoxiong Gong	10/08/2012
Guoyu Zuo	10/08/2012

RECEIVING PARTY DATA

Name:	Beijing University of Technology	
Street Address:	100 # Pingleyuan, Chaoyang District	
City:	Beijing	
State/Country:	CHINA	
Postal Code:	100124	

PROPERTY NUMBERS Total: 1

Property Type)	Number
Application Number:		13689731

CORRESPONDENCE DATA

Fax Number: 2067925742

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

Phone: 747-333-8299
Email: pto@haniplaw.com
Correspondent Name: Han IP Law PLLC

Address Line 1: 14271 Jeffrey Road, Suite 506
Address Line 4: Irvine, CALIFORNIA 92620

ATTORNEY DOCKET NUMBER: SHTD.0008US

PATENT

REEL: 029377 FRAME: 0812

\$40.00 13689731

502145307

NAME OF SUBMITTER:	Andy M. Han
Total Attachments: 3 source=SHTD_0008US_Assignment#page/ source=SHTD_0008US_Assignment#page/ source=SHTD_0008US_Assignment#page/	2.tif

PATENT REEL: 029377 FRAME: 0813

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number
Filing Date
InventorshipRuan et al.
ApplicantBeijing University of Technology
Attorney's Docket NoSHTD.0008US
Client Docket No
Title: A Method And Device For Torque Generation Based On Electromagnetic Effect
PARTIES TO THE ASSIGNMENT
PARTIES TO THE ASSIGNMENT
Assignor(s):
1. Xiaogang Ruan
2. Xiaoqing Zhu
3. Rongyi Sun
4. Ruoyan Wei
5. Naigong Yu 6. Dagwign Cong
6. Daoxiong Gong7. Guoyu Zuo
7. Guoya Zuo
Assignee: Beijing University of Technology 100 # Pingleyuan, Chaoyang District, Beijing, 100124 P. R. China
AGREEMENT WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"A Method And Device For Torque Generation Based On Electromagnetic Effect "
for which:
a provisional application for United States Letters Patent was filed on
and was given U.S. Serial Noand/or
$oxed{\boxtimes}$ a non-provisional application for United States Letters Patent was:
filed on and was given U.S. Serial No; o
filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal
representatives, of Han IP Law PLLC, 14271 Jeffrey Road, Suite 506, Irvine, CA 92620, who
are associated with customer number 13859, to insert in the caption above the serial number
and filing date of the patent application when known.
WHEREAS, Beijing University of Technology (hereinafter referred to as ASSIGNEE), are
academic institution of People's Republic of China having a place of business at 100 #
Pingleyuan, Chaoyang District, Beijing, 100124 P. R. China, is desirous of acquiring the entire
right, title and interest in and to the invention and in and to any letters patent that may be

granted therefore in the United States and in any and all foreign countries; THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S)

> **PATENT** Page 1 of 3 REEL: 029377 FRAME: 0814

had this assignment transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Full Name of 1st Inventor	Xiaogang Kuan	
Inventor's Signature	Xingeng River	D## 20/2.10.08
Residence: Beijing Chin	X	
Citizenship: China Mailing Address: 100 # P	ngleyuan, Chaoyang District	Beijing, 100124 P. R. China

Full Name of Joint Inventor	Xiaoqing Z	hu	***************************************	***************************************	***************************************	¥3555555555	
inventor's Signature:	Xiannag	Zhu		Outo	20/2.	10.	* 8
Residence: Beiling, Chine			*******************************			6660000000000	
Chicknehio Chine							
Maling Address: 100 # Pv	gleyuan Chao	yang Dati	et Boyn	g. 1001	24 P. R.	Chir	188
		***************************************	*************************				

Full Name of Joint Inventor	Rongyi Sun	
Inventor's Signature:	Rongyi Sun	D## 2012 . 10 : 08
Residence Beijng China		
Citizenship China		
Mailing Address: 100 # Pin	gleyvan, Chaoyang Dis	trict, Beijing, 100124 P. R. China
	***************************************	\$ ₂

Full Name of Jose Inventor: Ruoyan	Wei
Inventor's Signature: Rusyas	Vei 5000 2/2:/0.07
Residence: Beijing, China	
Citizenship: China	
Mailing Address: 100 # Pingleyuan, Ch	naoyang District, Beijing, 100124 P. R. China
	PATENT
	REEL: 029377 FRAME: 0815

Attorney (No. 100 No. 100 SHTD.0008US

Full Name of July Inventor: No	NOTES YES		
Inventors Signature:	9009 Ja	D## 20/2. /	0.08
Residence: Bayong China			
Citizenship Chine		- 2	
Mailing Address: 100 # Pingley	ian, Chaoyang Distri	1. Beijing, 100124 P. R. Chi	***
			,

Full Name of Jord Invento	Daoxiong	Gong			
Inventor's Signature:	Darwy	Cong) ate: 20/2.	10.08
Residence: Beijing Chin	*				
Citizenship: China	***************************************		***************************************		
Making Address: 100 % F	ingleycan, Chi	xoyang Distr	ct. Beijing	100124 P. R.	China

Foll Name of Jord Inventor Guoyu Zuo	
Inventor's Signature: Grange Zee	Onto: 2012.10.08
Residence: Beijing, China	
Citizenship: China	
Mailing Address: 100 # Pingleyuan, Chaoyang District, Beijing, 100124 P. R. China	

Page 3 of 3

PATENT REEL: 029377 FRAME: 0816

RECORDED: 11/29/2012