### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Dong Tian	07/18/2011
Peng Yin	07/08/2011
Wang Lin Lai	07/02/2011
Zhenyu Wu	07/05/2011
Chad Andrew Lefevre	08/29/2011

#### **RECEIVING PARTY DATA**

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13879211

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	PU100228			
NAME OF SUBMITTER:	Reitseng Lin			
Signature:	/Reitseng Lin, Reg. No. 42804/			

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Date:	04/16/2013
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PATENT REEL: 030221 FRAME: 0329

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of

Docket No. PU100228

5 joint inventors (if plural inventors are named below) of the

ventions relating to	NEMOTE CONTROL	DEVICES FOR 3-D VIDEO SYSTE	MS		
escribed in an Appl	ication for Patent filed on	October 14, 2010	under Int'i No	PCT/US2010/002746	and described in the file associated
ocket No. PU10	00228 , listed ab	ove or, if not identified here by filing	date and serial numb	er or by the Docket Number 8	sted above, executed by me on even
	on of this Assignment/Agre	ement.			
atters Patent that m I agree that at which may be n e thereto in said or I agree that its expense will tes tain or enforce pro I authorize eir own name, or in e benefit of the righ battluted for it, and I hereby co	lay be granted therefor, and, when requested, I will, we cessary, desirable or comproporation, its successors, it will communicate to sain stiffy in any legal proceeding per protection for said invegand empower said corpora myour name, in any and ht of priority provided by the to invoke and earns such it and said such a copy of this a	In y enture right, tate and interest, it any divisions, continuations, reissa thout charge to said corporation but ventent for securing and maintaining assigns or nominees.  I corporation or its representatives a gs, and generally do everything postitions in any and all countries. It is not call countries and to invoke and claim a international Convention for the Fight of priority without further written gight of priority without further written sections and to general a full is sections.	of all countries in an less and extensions that at its expense, sign ; patents or other form ny facts known to me sible to aid said corpo minees, to make appl if for any application to rotection of Industria or oral authorization	d to said inventions, and all de- ereof.  If papers, take all rightful oats of protection for said inventions are respecting said inventions are ration, its successors, assigns location for patent or other for or patent or other form of prote property, as amended, or by from me.	ganized and existing under the laws of the rights and privileges under any and this, make all rightful declarations and do lons in any and all countries and for vest and when requested by said corporation as and legal representatives or nominees, and legal representatives or nominees, and of protection for said inventions in its ection for said inventions filed by it or the y any convention which may henceforth sent to file or like document which may
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Inventor (2)	Peng Yin				
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Inventor (3)	Wang Lin Lai				
	(Type or Print)		. (Sia	nature in Full. No initials.)	
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Pos	st Office Address	4000 E. Renner Rd., Apt.	1927, Richards	on, TX 75082 USA	
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Patent Operations THOMSON Licensing LLC PO Box 5312 Princeton, NJ 08543-5312 Customer No. 24498 Docket No. PU100228

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at			Date		
Inventor (4)	Zhenyu Wı	ı	_		
	(Type or Print)			(Signature in Full: No initials.)	
F	Post Office Address	9016 Tamarron Dr., Plain	sboro,	NJ 08536 USA	
1st Witness	(Type or Print)	MANUAL MA	~	(Signature in Full. No initials.)	**************
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Signed at	enverence en		Date _		
Inventor (5)	Chad Andre	ew Lefevre	-		
	(Type or Print)			(Signature in Full. No initials.)	
F	Post Office Address	9548 Oakley Dr., Indianap	olis, It	1 46260 USA	CCRR-1-1620-161445 Min-Februari
1st Witness					
	(Type or Print)		•	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	***************************************		(Signature in Full. No initials.)	*************
Signed at			Date		
Inventor (6)	***************************************	**************************************	•		
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Inventor (7)					
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1st Witness	~~~~~	**************************************			ndadalaniaanh/ahabhabha
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After this Assignment has been recorded please RETURN to:

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# ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby dec	lare that I am the sole inve	intor (if only one inventor is named	below, or one of	5 joint inventors	(if plural inventors are named below) of the
inventions relating to		DEVICES FOR 3-D VIDEO SYSTE			(or production and vicinical below) of the
described in an Applic	ation for Palent filed on	October 14, 2010	under Int'i No.	PCT/US2010/002746	and described in the file associated v
Docket No. PU100	)228 , Ested abo	we or, if not identified here by filling			sted above, executed by me on even
	n of this Assignment/Agree	ement.			
Letters Patent that may agree that, acts which may be ne- ittle thereto in said cor- it agree that is at its expense will test obtain or enforce prop- i authorize a heir own name, or in it he benefit of the right substituted for it, and it is hereby con- equired in any country topoer protection for is amended, or by any is covenant well.	by be granted therefor, and when requested, with with cossasry, desirable or convecessary, desirable or convecessary, desirable or convergence of the said five in any legal proceeding or protection for said layer not empower seid corporar maylour name, in any and a convoke and claim such in sent that a copy of this as by for any purpose and maid inventions, and to ciail the them of the them of the claim such in sent that a copy of this as by for any purpose and maid inventions, and to ciail the them of th	any divisions, continuations, reise hout charge to said corporation be entered for securing and maintaining signs or nominees. corporation or its representatives s, and generally do everything positions in any and all countries, tion, its successors, assigns or no il countries and to invoke and claik international Convention for the ght of priority without further writtensignment shall be deemed a full if ore particularly in proof of the right must be substituted for it.	tues and extensions their at its expense, sign at g patents or other forms any facts known to me resible to aid said corpore or any application for any application for Protection of industrial in or oral authorization for legal and formal equivant of the said corporation to from the said corporation of the said corpo	reof.  papers, take as rightfus out of protection for said inventions ar stion, its successors, assigns atton for patent or other for patent or other form of prote property, as amended, or by om me. ent of any assignment, cons n or its successors, assigns y the international Convention	panized and existing under the lews of the rights and privileges under any and a make all rightful declarations and do a constitution on a final processor on any and all countries and for vestion of when requested by said corporation are and legal representatives or nominees, the most protection for said inventions find by it or them a may convention which may henceforth by any convention which may henceforth by sor nominees to apply for patent or other or of the Protection of Industrial Property my knowledge the right, title and interest
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Inventor (1)	Dong Tian				
j	(Type or Print)		(Sigr	ature in Full, No initials.)	
Pos	t Office Address	4808 Hunters Glen Dr., I	Plainsboro, NJ 08	536 USA	
1st Witness	(Type or Print)		(Sign	ature in Full. No inities.)	
2ndWitness			, •	,	1
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Signed at	6 John Str	ell, Illing , N/ 1	Date	07/08/2011	
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inventor (2)	Peng Yin (Type or Print)			Brand James	an some
	(the or Light)		(Sign	atère in Fust. No initials.)	
Post	Office Address	6 John Street, Ithaca, NY	′ 14850 USA		
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Inventor (3)	Wang Lin Lai (Type or Print)		- (Signa	ture in Full. No initials.)	
Post	Office Address	000 E. Renner Rd., Apt.	. •		
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Docket No. PU100228

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## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at			Date	
inventor (4)	Zhenyu Wu	•		
	(Type or Print)		-	(Signature in Full. No initials.)
F	Post Office Address	9016 Tamarron Dr., Plair	nsboro	NJ 08536 USA
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1st Witness	(Type or Print)		-	(Signature in Full. No initials.)
2nd Witness				(Signature in Full. No initials.)
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Signed at		POWER PROPERTY OF THE PROPERTY	Date .	
inventor (5)	Chad Andre	ew Lefevre		
	(Type or Print)			(Signature in Full. No initials )
	Past Office Address	9548 Oakley Dr., Indiana	apolis, II	N 46260 USA
1st Witness				
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2nd Witness	(Type or Print)		-	(Signature in Full. No initials.)
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Signed at			Date .	
inventor (6)				
	(Type or Print)		•	(Signature in Full_No initials.)
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Docket No. PU100228

# ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

i hereby declare that i am the sole inventor (if only one inventor is n	arned below) or one	e of	5 ioint inventors	(if plural inventors are named below) of the
inventions relating to REMOTE CONTROL DEVICES FOR 3-D VIDEO S		******	John Hydrigors	(it belies aventors are named below) of the
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Docket No. PU100228 , %sted above or, if not identified here by				and described in the Ne associated wit
sate with my execution of this Assignment/Agreement.				
For valuable consideration received, I hereby sell, assign and transcription of France, its successors, and assigns my entire right, title and interest patent that may be granted therefor, and any divisions, continuations, it agree that, when requested, I wilk, without charge to said corporations which may be necessary, desirable or convenient for securing and maintain thereto in said corporation, its successors, assigns or nominees. I agree that I will communicate to said corporation or its representant its expense will testify in any legal proceedings, and generally do everythin obtain or enforce proper protection for said inventions in any and all countries is authorize and empower said corporation, its successors, assigns held own name, or in my/our name, in any and all countries and to invoke and healf of the right of priority provided by the international Convention for ubstituted for it, and to invoke and claim such right of priority without further it hereby consent that a copy of this assignment shall be deemed a equired in any country for any purpose and more particularly in proof of the roper protection for said inventions, and to claim the aforesaid benefits of it is amended, or by any convention which may henceforth be substituted for it.  § coverant with THOMSON LICENSING, its successors, assigns, it erein conveyed by me are free and clear of any encumbrance, and that I have	reissues and extent on but at its expens taking patents or of tives any facts knowing possible to aid sa or nominees, to mad claim for any apply if the Protection of its written or oral author full legal and forme eight of priority puts and or priority puts of priority priority of the said of the right of priority puts of the said of the right of priority puts and expenses are the said of the said o	and to as a sister and to as a sister as paper as paper forms of provent to me respect id corporation, aske app8cation cation for pater ndustrial Proper rization from mat equivalent or provided by the	an enventions, and as irs, take as rightful oa plection for sad inventions a its successors, assign for patent or other for it or other form of prot if y, as amended, or be a. any assignment, cor its successors, assign international Conventions	the rights and privileges under any and all this, make all rightful declarations and do all tions in any and all countries and for vesting and when requested by said corporation and is and legal representatives or nominees, to more for said inventions in its or ection for said inventions filed by it or them, by any convention which may henceforth be asent to file or like document which may be is or nominees to apply for patent or other ton for the Protection of industrial Property.
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Inventor (1) Dong Tian				
(Type or Print)		(Signature	in Fuli. No initials.)	
Post Office Address 4808 Hunters Glen E  1st Witness (Type or Print)	)r., Plainsboro		in Full. No initials.)	
2ndWitness  {Type or Print}	-			
	***************************************	Signature	in Full. No initials.)	
Signed at	Date			*******
inventor (2) Peng Yin		***************************************		
(Type or Print)		(Signature	in Full. No initials.)	
Post Office Address 6 John Street, Ithaca	NY 14850 US	SA	***************************************	
1st Witness	2204			
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Signed at ROKACOS, TX	Date	Ily	. 2 . 29	(1)
inventor (3) Wang Lin Lai (Type or Print)	ondonegasu en	(Signature	A 2 H	
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# ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

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Signed at	Manual Property of the Control of th		Date	
Inventor (4)	Zhenyu W	U		
	(Type or Print)		•	(Signature In Full. No initials.)
ß	Post Office Address	9016 Tamarron Dr., Pla	insbord	D. NJ 08536 USA
1st Witness				TO THE RESIDENCE OF THE PROPERTY OF THE PROPER
	(Type or Print)		•	(Signature in Full. No initials,)
2nd Witness				(organisation) and materials.)
	(Type or Print)	***************************************		(Signature in Full. No initials.)
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Signed at	-	***************************************	Date	
inventor (5)	Chad Andre	ew Lefevre		
	(Type or Print)			(Signature in Full. No Initials.)
Р	ost Office Address	9548 Oakley Dr., Indian	apolis, I	IN 46260 USA
1st Witness				
	(Type or Print)			(Signature in Fuil. No initials.)
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	(Type or Print)			(Signature in Full. No initials.)
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Signed at			Date	
Inventor (6)				
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Inventor (7)			_	
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#### Docket No. PU100228

# ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

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nventions relating to	REMOTE CONTROL	DEVICES FOR 3-D VIDEO SYSTEMS	)		
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Docket No. PU10		October 14, 2010		PCT/US2010/002746	and described in the file associated v
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For valuable country of France, its etters Patent that may be not the threat of its expense will tes bitain or enforce project own name, or in the benefit of the right ubstituted for it, and it hereby coraquired in any countroper protection for s amended, or by an incovenant weters.	e consideration received, a successors, and assign ay be granted therefor, an when requested, i will, wacessary, desirable or conproration, its successors, i will communicate to saitify in any legal proceedin per protection for said invested empower said corpor my/our name, in any and to dipriority provided by it to invoke and claim such seent that a copy of this rily for any purpose and resid inventions, and to city convention witch may it with THOMSON I ICENSI	i hereby sell, assign and transfer to s my entire right, title and interest, for day divisions, continuations, reissuer inthout charge to said corporation but at twenient for securing and maintaining prassigns or nominees. d corporation or its representatives any gs, and generally do everything possib entions in any and all countries. all countries and to invoke and claim for the international Convention for the Pro- right of priority without further written or assignment shall be deemed a full legs nore particularly in proof of the right of alm the aforeasid benefits of the right of alm the storeasid benefits of the right of alm the storeasid benefits of the right of approprints.	an countries it and a sand extensions the its expense, sign all atents or other forms of facts known to me rele to aid said corporanees, to make application for stection of industrial it oral authorization frail and formal equival of the said corporation of priority provided by	to said inventions, and all ever.  papers, take all rightful oat of protection for said inventions as the protection for said inventions as the protection of protect patent or other form of protect property, as amended, or but orn me.  ent of any assignment, con- n or its successors, assign y the international Convention.	ganized and existing under the laws of tithe rights and privileges under any and at his, make all rightful declarations and do a loos in any and all countries and for vesting the requested by said corporation at a rad legal representatives or nominees, it must be retained in the requested of real inventions in its and legal representatives or nominees, it must be retained for said inventions filed by it or then any any convention which may henceforth the sent to file or like document which may be so nominees to apply for patent or other on for the Protection of industrial Property my knowledge the right, title and interest.
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inventor (1)	Dong Tian				A COLUMN TO COLUMN THE PROPERTY OF THE PROPERT
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P°	st Office Address	4808 Hunters Glen Dr., Pla	ainsboro, NJ 08	1536 USA	
1st Witness					
	(Type or Print)		(Sign	ature in Full. No initials.)	
2ndWitness					***
	(Type or Print)		(Sign	ature in Fuli. No initials.)	
Signed at			Date		
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Inventor (2)	Peng Yin				
	(Type or Print)		(Sign	ature in Fuii. No initials.)	
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		6 John Street, Ithaca, NY 1	4000 USA	***************************************	
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Inventor (3)	Wang Lin Lai				
	(Type of Plint)		(Signa	ture in Full. No initials.)	
Pos	t Office Address	4000 E. Renner Rd., Apt 19	927, Richardso	n, TX 75082 USA	
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## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at	Bridgewater, NT	Date	07/05/2011
Inventor (4)	Zhenyu Wu	-	ghery Ll
_	(Type or Pहंशा)		(Signature in Full 1460 initials.)
Po	st Office Address 9016 Tamarron Dr., Pla	ainsboro	NJ 08536 USA
1st Witness	Maguan Vu	*	Minggran Wil
4	(Type of Print)		(Signature of Salt: No initials.)
2nd Witness		_	Company of the second
·	(Type or Print)		(Signature in Ful}: No ∕initials.)
Signed at		Date	
Inventor (5)	Chad Andrew Lefevre	_	
	(Type or Print)		(Signature in Full. No initials.)
Po	st Office Address 9548 Oakley Dr., Indian	annolie I	N 46260 HSA
	33-0 Carley Dr., Indian	iapons, i	N 40200 USA
1st Witness		_	
	(Type or Print)		(Signature in Full No initials )
2nd Witness			
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inventor (7)			
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#### Docket No. PU100228

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

i hereby de	eclare that I am the sole inve	ntor (if only one inventor is name	d below) or one of	5 joint inventors	(if plural inventors are named below) of the
nventions relating to	REMOTE CONTROL D	EVICES FOR 3-D VIDEO SYST	EMS		
described in an App	lication for Patent filed on	October 14, 2010	under int'i No,	PCT/US2010/002746	and described in the file associated wi
Docket No. PU1	00228 , listed abo	ve or, if not identified here by filir	g date and seria; numbe	r or by the Docket Number i	isted above, executed by me on even
•	ion of this Assignment/Agree				
country of France, in Letters Patent that n I agree tha acts which may be r	its successors, and assigns nay be granted therefor, and at, when requested, I wis, wit necessary, desirable or conv	my entire right, title and interest any divisions, continuations, reis hout charge to said corporation b enient for securing and maintain:	, for all countries in and sues and extensions the ut at its expense, sign all	to said inventions, and all reof. papers, take all rightful oa	genized and existing under the laws of the the rights and privileges under any and a: ths, make all rightful declarations and do a: tions in any and all countries and for vesting
i agree tha at its expense will te	stify in any legal proceeding	corporation or its representatives			nd when requested by sald corporation and s and legal representatives or nominees, to
I authorize their own name, or i the benefit of the rig substituted for it, and i hereby or required in any cou- proper protection for as amended, or by a	and empower said corporal in my/our name, in any and a pht of priority provided by the d to invoke and claim such ri onsent that a copy of this as ntry for any purpose and m r said inventions, and to clail any convention which may he	ion, its successors, assigns or r il countries and to invoke and cia a international Convention for the ght of priority without further writt signment shall be deemed a full pre particularly in proof of the ri- m the aforesaid benefits of the ri- enceforth be substituted for it.	m for any application for Protection of industrial en or oral authorization for legal and formal equiva tht of the said corporation ght of priority provided by	patent or other form of prot Property, as amended, or b om me. lent of any assignment, cor or its successors, assign y the international Convent	rm of protection for said inventions in its o ection for said inventions filed by it or them y any convention which may henceforth be sent to file or like document which may be is or nominees to apply for patent or othe ion for the Protection of industrial Property f my knowledge the right, title and interes
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inventor (1)	Dong Tian				
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F	Post Office Address	4808 Hunters Glen Dr.	Plainsboro, NJ 0	8536 USA	***************************************
1st Witness					
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2ndWitness					
Z. C. OVKII C. S.	(Type or Print)		(Sig	nature in Fuil. No initials.)	
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inventor (2)	Peng Yin				
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F	Post Office Address	6 John Street, Ithaca, N	NY 14850 USA	arapepapadura errebarabara	
1st Witness					
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2ndWitness					
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inventor (3)	Monalinto				
mircuno. (b)	Wang Lin Lai (Type or Print)		(Sign	nature in Full. No Initials.)	
P	ost Office Address	4000 E. Renner Rd., A	ot. 1927. Richards	on, TX 75082 USA	
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### ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at		Date	
inventor (4)	Zhenyu Wu		
, ,	(Type or Print)		(Signature in Full. No initials.)
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2nd Witness	(Type or Print)		(Signature in Fuli. No initials.)
Signed at	Indienapolia, IN	Date	8/29/2011
nventor (5)	Chad Andrew Lefevre (Type or Print)		(Signature in Full, No initials.)
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	Post Office Address 9548 Oakley Dr., Indiana	apolis, I	N 46260 USA
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2nd Witness	SType or Print)		Asignature in Full. No initiates 7
	(Type or Print)		(Signature in Full. (No initials.)
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1st Witness			
	(Type or Print)	•	(Signature in Full. No initials.)
2nd Witness	MARANA		
	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
inventor (7)			
	(Type or Print)	•	(Signature in Full. No initials.)
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