505760330 11/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5807145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHI YIN ALAN LEUNG	12/17/2012
RICKY TONG	12/17/2012
CHI KIN SAMUEL KWOK	12/17/2012
CHANG-JUN HE	12/17/2012

RECEIVING PARTY DATA

Name:	POLYGROUP MACAU LIMITED (BVI)
Street Address:	P.O. BOX 957
Internal Address:	OFFSHORE INCORPORATIONS CENTRE
City:	ROAD TOWN, TORTOLA
State/Country:	VIRGIN ISLANDS, BRITISH

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	16577348	
Application Number:	16556781	

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 4048853397

Email: thomas.lutz@troutmansanders.com

Correspondent Name: THOMAS LUTZ

Address Line 1: 600 PEACHTREE STREET NE

Address Line 2: BANK OF AMERICA PLAZA SUITE 3000

Address Line 4: ATLANTA, GEORGIA 30308

NAME OF SUBMITTER:	CHRISTOPHER C. CLOSE, JR.
SIGNATURE:	/Christopher C. Close, Jr./
DATE SIGNED:	11/06/2019

Total Attachments: 7

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PATENT 505760330 REEL: 050932 FRAME: 0747



PATENT REEL: 050932 FRAME: 0748

ASSIGNMENT

WHEREAS, We, Chi Yin Alau Leung, Ricky Tong, Chi Kin Samuel Kwok, and Chang-Jun He (collectively "Assignor"), have invented certain improvements in a POWERED TREE CONSTRUCTION, for which a U.S. Non-Provisional Patent Application was filed 24 October 2012 and provided Serial No. 13/659,737, and for which a U.S. Provisional Patent Application was filed 28 October 2011 and provided Serial No. 61/552,944, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

> POLYGROUP MACAU LIMITED (BVD) P.O. Box 957 Offshore Incorporations Centre Rond Town, Toriola British Virgin Islands

("Assignee") desires to purchase all the rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignce all of Assignor's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, relssue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCB") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefor, and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and shailar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agrees, without charge to Assignee, but at Assigneo's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its

PTREES6 Assignment

PATENT

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successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

2/7

TROUTMAN SANDERS PTREESG Assignment AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITHI December	ESS WHEREOF, I have , 2012.	hereunto se	t my hand and sea	d this /) the day of (SEAL)
Witnessed by:	Signature	Clú Yin	Alnu Lenng Date: <u>17 D</u>	
Pı	MUEL KWAK inted Name of Witness Lang Jun J Signalure		Date:	b o Dom
	Signal/re "HANG JUN HZ Inted Name of Witness			i Otto in a superior de la compa
SECTION BELOW	IS FOR USE ONLY I	POINOIS	IN PRESENCE	OF A NOTARY
IN WITNES	S WHEREOF, I have b , 2012.	nercunto set	iny hand and seal	this day of
Sinte of	one of the second	Chi Yin A	lan Leung	(SEAL)
County of	day of	2012. befor	e me. a nofar m	hlis come to me know
nd known to be the uly acknowledged	day of, individual described in the same to be his free a	and who ex icl and deed	eouled the forego	ing assignment, and he
SBAL)		NOTARY My Comm	PUBLIC ission Expires:	
		3/7		TROUTMAN SANDERS

PATENT

REEL: 050932 FRAME: 0751

	of <u>News</u>	IN WITNESS WHERE	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	(SEAL)	
*	Witnessed by:	Signature	Ricky Tong Date:	nec 20/2.	* *
*		Printed Name of Witness		· · · · · · · · · · · · · · · · · · ·	
	Witnessed by:	MWW M Signature	Date:	Dec 2012.	· •
yd gall y sang us ym propi i hr noen f drodgis yddi, yr gyr byg	tra hani pana hakija awa ta fa aw asansan si	Printed Name of Witness		ر در	*
	IN WITH	JESS WHEREOF, I have	hereunto set my hand and see	OF A NOTARY	<u>.</u>
	IN WITT	TESS WHEREOF, I have l	hereunto set my hand and se		
	•		hercunto set my hand and sed	al this day of	
	State of County of On this and known to be	, 2012,	Ricky Tong 2012, before me, a notary parand who executed the foreg	al this day of (SEAL)	e e
	State of County of On this and known to be		Ricky Tong 2012, before me, a notary parand who executed the foreg	al this day of (SEAL)	e e
	State of County of On this and known to be		Ricky Tong , 2012, before me, a notary p and who executed the foreg act and deed,	al this day of (SEAL)	
	State of County of On this _ and known to be fully acknowledge		Ricky Tong 2012, before me, a notary p and who executed the foreg act and deed, NOTARY PUHLIC	al this day of (SEAL)	

in witness Deceim	WHEREOF, I have hereund 224, 2012.	o set my hai	nd and scal this _	17th day of
			81	/OHATS
	10,	Chi Kin (Samuel Kwok	(SEAL)
Wilnessed by:	Signature .		Date: 17	Dec 2012
-	ALAN USWG Printed Name of Witness			
Witnessed by:	Chang-Jun U	<u>le</u>	Date: <u>17</u>	Dec 2012
-	CHANG MN HE Printed Name of Witness			
SECTION BEL	OW IS FOR USE ONLY IT	SIGNING	IN PRESENCE	OF A NOTARY
IN WITI	VESS WHEREOF, I have he	ercunto set 1	ny hand and seal	this day of
State of		Chi Kin S	nnnef Kwok	(SEAL)
County of				
and known to be	day of the individual described in ted the same to be his free a	and who ex	ecuted the forces	blio, came to me known ding assignment, and he
		NOTARY	PUBLIC	<u></u>
SEAL)		My Commi	ssion Expires:	
				/Proviment
		5/7		TROUTMAN SANDERS PTREESG Assignment

IN WITNESS WHEREOF, I have her Lichen 2007, 2012.	cunto set my hand and seal th	is 17th day of
Witnessed by: Signature	Date;(un He (SBAL) 7 Dec John
ACAN LEUN Printed Name of With Witnessed by: Signature CAMMEL LW Printed Name of Witn	Date:/	7 Dec 2012
SECTION BELOW IS FOR USE ONI IN WITNESS WHEREOF, I ha	Ly ip signing in presen	
State of	Chang-Jun He	(SBAL)
On this day of and known to be the individual describ duly acknowledged the same to be his i	, 2012, before me, a notar ed in and who executed the fo tree act and deed.	y public, came to me known regoing assignment, and he
	NOTARY PUBLIC	
(SEAL)	My Commission Expire	s;
ų.		
	6/7	Troutman Sanders

PATENT REEL: 050932 FRAME: 0754

PTREB56 Assignment

In Witness Wisersof, Assignee hereby accepts from Assignor the sale, assignment, transfer and convoyance unto sald Assignee of the full, exclusive and entire right, title, and interest in and to sald Application, Related US Applications and Related Foreign Applications, by its duly authorized officer this Taylor day of December; 2012.

Polygroup Macau Limited (BVI) (Assignee)

By:

Name:

Title: Authorized Signatory

Witnessed by:

Signature

Clux Pon

Printed Name of Witness

Witnessed by:

Signature

Date: 17 Dec 2012

Signature

Date: 18 Dec 2012

Printed Name of Wilness

TROUTMAN SANDERS PTREES6 Assignme